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Undergraduate Catalog

Publication Information

The Undergraduate Catalog is published annually for informational purposes only and does not constitute a contract. The information is current at the time of publication. Faculty assignments and programs listed are subject to change, and individual departments and units should be consulted for further information. Courses listed in this publication are subject to revision without advance notice. Courses are not necessarily offered each term or each year. Individual departments or units should be consulted for information regarding regularity of course offerings.

Volume 49, May 15, 2026

Office of the Vice Provost for Academic Programs, Student Success, and Effectiveness
University of Illinois Chicago
601 South Morgan Street
Chicago, Illinois 60607

The catalog includes a comprehensive list of Degree Programs and Minors (p. 58) by college. This list is a useful tool for exploring and understanding UIC's undergraduate academic programs and requirements.

The catalog is updated regularly as degree programs, courses, and requirements change. A list of the most recent program and requirement changes is located on the Program Changes and Updates (p. 108) page.

The Undergraduate Catalog is archived in late summer each year and, along with older catalogs, is available in the Archive and Links (p. 745) section.

The Undergraduate Course Descriptions section lists all the undergraduate courses at UIC. However, not all courses are offered during a given semester. Students will find current course offerings in the Schedule of Classes, which is published online before registration begins. The course descriptions are arranged alphabetically by subject area. Each course description includes a rubric (subject area abbreviation), course number, course title, semester hours, prerequisites (if any), and course content.

Nondiscrimination Statement

The commitment of the University of Illinois System to the most fundamental principles of academic freedom, equality of opportunity, and human dignity requires that decisions involving students and employees be based on individual merit and be free from invidious discrimination in all its forms.

The University of Illinois System will not engage in discrimination or harassment against any person because of race, color, religion, sex, national origin, ancestry, age, marital status, order of protection status, genetic information, disability, pregnancy, sexual orientation including gender identity, unfavorable discharge from the military or status as a protected veteran and will comply with all federal and state nondiscrimination, equal opportunity and affirmative action laws, orders and regulations. This nondiscrimination policy applies to admissions, employment, access to and treatment in the programs and activities of the University of Illinois System.

Complaint and grievance procedures provide employees and students with the means for the resolution of complaints that allege a violation of this Statement. Members of the public should direct their inquiries or complaints to the appropriate equal opportunity office.

Revised November 12, 2020

Chancellor's Statement of Commitment to Persons with Disabilities

Guided by the belief that people with disabilities are assets to the university, UIC is committed to full inclusion and participation of people with disabilities in all aspects of university life. We seek to provide an academic, social, and physical environment that makes disabled people integral to the diversity of perspectives that is vital to an academic community.

UIC supports the principles of universally accessible design, alternative communication formats, and the expression of disability community and pride. At all levels of the university, UIC promotes equal opportunity, fair treatment, and the elimination of barriers for qualified individuals with disabilities.

Office for Access and Equity

UIC is committed to providing and preserving an educational and work environment free from all forms of sex discrimination, sexual harassment and other sexual misconduct (collectively referred to as "sexual misconduct"). UIC prohibits and will not tolerate sexual misconduct of or by students, employees, patients, applicants for enrollment or employment, or others in its education programs or activities.

Please visit the UIC Sexual Misconduct website for more information on the policy statement, the sexual misconduct grievance process, and how to report an incident.

To report sexual misconduct to the university or for additional information or assistance with the equal opportunity, affirmative action, and harassment policies and procedures of the University of Illinois Chicago, please contact:

Office for Access and Equity
Title IX Coordinator, titleix@uic.edu
ADA Coordinator, oaeada@uic.edu (titleix@uic.edu)
717 Marshfield Building (MC 602)
809 South Marshfield Avenue
Chicago, Illinois 60612-7207
http://oae.uic.edu
(312) 996-8670

To make a complaint to the U.S. Department of Education, contact:

Denver Office
Office for Civil Rights
U.S. Department of Education
Cesar E. Chavez Memorial Building
1244 Speer Boulevard, Suite 310
Denver, CO 80204-3582
(303) 844-5695
OCR.Denver@ed.gov

Public Formal Grievance Procedures University of Illinois Chicago

I. Introduction

These procedures have been implemented to address complaints of discrimination on the basis of age and/or disability in any activity, policy, rule, standard, or method of administration that is related to the operation of university's programs.

II. Eligibility

These procedures may be used by any member of the public who alleges age (Under the Age Discrimination Act) or disability (Under Title II of the Americans with Disabilities Act) discrimination on the basis of class. However, anyone who wishes to challenge a decision made about them by an agent of the University of Illinois Chicago (UIC) in the course of their employment or enrollment at UIC must utilize the UIC Academic Grievance Procedures.

III. Definitions

A. *Grievance:* A written statement by a Grievant containing a description of the grounds for the complaint and a specification of the remedy sought.

B. *Grievant:* Any member of the public who submits a Grievance.

C. *Grievance Officer:* The assigned investigator of the UIC Office of Access and Equity can be contacted at the address below:

Office for Access and Equity (MC 602)
809 South Marshfield Avenue, Room 718
Chicago, IL 60612-7207
(312) 996-8670 Fax (312) 413-0055
http://oae.uic.edu

D. *Appeals Officer:* The Associate Chancellor for Access and Equity or his/her designee.

E. *Days:* Any reference to "days" herein shall refer to business days (excluding weekends and federal holidays).

F. *Record:* The complete record of a Grievance will consist of the original Grievance and any supporting information or documentation submitted with that Grievance, the Grievance Officer's findings, the Appeal (if any) and any additional information or documentation submitted with the Appeal, the Appeal Officer's findings, and any communications and notices relative to the Grievance. The Record will be maintained for at least five (5) years following the final decision.

IV. Grievance Process

Filing of the Grievance: The Grievant must file his/her Grievance with the Grievance Officer no later than ten (10) days after he/she becomes aware of the offending activity, policy, standard or method of administration.

Investigation: The Grievance Officer shall conduct an appropriate investigation of the issues raised in the Grievance. The Grievant shall be given an opportunity to submit any relevant evidence he/she may have to support the Grievance. Within fourteen days (14) of submission of the Grievance, the Grievance Officer shall issue his/her findings. In the event the Grievance Officer finds evidence of discrimination in the activity, policy, standard or method of administration, he/she shall make recommendations for change(s) and shall coordinate the efforts for change(s) with the department/unit/college whose activity, policy, standard or method of administration is at issue. Furthermore, in the event that the individual was adversely affected by a decision made pursuant to a discriminatory process, policy, activity, standard or method of administration, the individual will be given the opportunity for the decision to be reconsidered according to the revised process, policy, etc. In those cases where the Grievance Officer finds no evidence of discrimination, he/she shall send written notice of that finding to the Grievant within that 14-day time period. Said notice shall inform the Grievant of his/her right to appeal the finding to the Appeals Officer within five (5) days of receipt of the notice.

Appeal: An appeal of the Grievance Officer's findings must be in writing and must state the basis for the appeal, providing any additional evidence or information that may support the Grievant's claim of discrimination. The Appeals Officer shall review the Grievance Officer's record and any information/evidence submitted with the Appeal and shall issue findings within ten (10) days of receipt of the appeal. In the event the Appeals Officer finds evidence of discrimination in the activity, policy, standard or method of administration, he/she shall make recommendations for changes. In those cases where the Appeals Officer finds no evidence of discrimination, he/she shall send written notice of that finding to the Grievant within that 10-day time period. There shall be no further levels of review or appeal beyond the Appeals Officer.

Deviation from the Process: Upon proof of extenuating circumstances, the Chancellor and only the Chancellor may approve a deviation from these procedures (e.g., extension of a deadline).

Effective date of policy is September 1, 2005.

UIC's Consumer Information site provides more information on the student complaint process.

Academic Calendar

Semester Beginning, Ending, and Degree Dates
Administrative Calendar with Add/Drop Deadlines

2025-2026 Academic Calendar

Date	Event
Fall Semester 2025	
August 25, M	Instruction begins.
September 1, M	Labor Day holiday. No classes.
October 17, F	Eight-week Part of Term A ends.

October 20, M	Eight-week Part of Term B begins.
November 26, W	Student Wellness Day. No Classes.[a]
November 27–28, Th–F	Thanksgiving holiday. No classes.
December 5, F	Instruction ends.
December 8–12, M–F	Final examinations.
December 17, W	Instructor grading deadline for 16-week courses (5 p.m.)
December 22, M	Grades available via my.UIC.edu
Spring Semester 2026	
January 12, M	Instruction begins.
January 19, M	Martin Luther King Jr. Day. No classes.
March 6, F	Eight-week Part of Term A ends.
March 9, M	Eight-week Part of Term B begins.
March 23-27, M-F	Spring vacation. No classes.
May 1, F	Instruction ends.
May 4-8, M-F	Final examinations.
May 13, W	Instructor grading deadline for 16-week courses (5 p.m.)
May 18, M	Grades available via my.UIC.edu
Summer Sessions 2026	
Summer Session 1 (4-week session)	
May 18, M	Instruction begins.
May 25, M	Memorial Day holiday. No classes.
June 11, Th	Instruction ends for Summer Session 1.
June 12, F	Final examinations for Summer Session 1.
Summer Session 2 (8-week session)	
June 15, M	Instruction begins.
June 19, F	Juneteenth holiday. No classes.
July 3, F	Independence Day holiday. No classes.
August 5, W	Instruction ends for Summer Session 2.
August 6-7, Th-F	Final examinations for Summer Session 2.

a *Exceptions for School of Law students; College of Medicine students completing clinical clerkships; College of Pharmacy students completing clinical instruction courses and other students taking those courses. Students should check their syllabus for exceptions.*

2026-2027 Academic Calendar

Date	Event
Fall Semester 2026	
August 24, M	Instruction begins.
September 7, M	Labor Day holiday. No classes.
October 16, F	Eight-week Part of Term A ends.
October 19, M	Eight-week Part of Term B begins.
November 25, W	Student Wellness Day. No Classes.[a]
November 26–27, Th–F	Thanksgiving holiday. No classes.
December 4, F	Instruction ends.
December 7–11, M–F	Final examinations.
December 16, W	Instructor grading deadline for 16-week courses (5 p.m.)
December 21, M	Grades available via my.UIC.edu
Spring Semester 2027	
January 11, M	Instruction begins.
January 18, M	Martin Luther King Jr. Day. No classes.
March 5, F	Eight-week Part of Term A ends.

March 8, M	Eight-week Part of Term B begins.
March 22-26, M-F	Spring vacation. No classes.
April 30, F	Instruction ends.
May 3-7, M-F	Final examinations.
May 12, W	Instructor grading deadline for 16-week courses (5 p.m.)
May 17, M	Grades available via my.UIC.edu
Summer Sessions 2027	
Summer Session 1 (4-week session)	
May 17, M	Instruction begins.
May 31, M	Memorial Day holiday. No classes.
June 10, Th	Instruction ends for Summer Session 1.
June 11, F	Final examinations for Summer Session 1.
Summer Session 2 (8-week session)	
June 14, M	Instruction begins.
June 18, F	Juneteenth holiday. No classes.
July 5, M	Independence Day holiday. No classes.
August 4, W	Instruction ends for Summer Session 2.
August 5-6, Th-F	Final examinations for Summer Session 2.

a *Exceptions for School of Law students; College of Medicine students completing clinical clerkships; College of Pharmacy students completing clinical instruction courses and other students taking those courses. Students should check their syllabus for exceptions.*

2027-2028 Academic Calendar

Date	Event
Fall Semester 2027	
August 23, M	Instruction begins.
September 6, M	Labor Day holiday. No classes.
October 15, F	Eight-week Part of Term A ends.
October 18, M	Eight-week Part of Term B begins.
November 24, W	Student Wellness Day. No Classes.[a]
November 25–26, Th–F	Thanksgiving holiday. No classes.
December 3, F	Instruction ends.
December 6–10, M–F	Final examinations.
December 15, W	Instructor grading deadline for 16-week courses (5 p.m.)
December 20, M	Grades available via my.UIC.edu
Spring Semester 2028	
January 10, M	Instruction begins.
January 17, M	Martin Luther King Jr. Day. No classes.
March 3, F	Eight-week Part of Term A ends.
March 6, M	Eight-week Part of Term B begins.
March 20-24, M-F	Spring vacation. No classes.
April 28, F	Instruction ends.
May 1-5, M-F	Final examinations.
May 10, W	Instructor grading deadline for 16-week courses (5 p.m.)
May 15, M	Grades available via my.UIC.edu
Summer Sessions 2028	
Summer Session 1 (4-week session)	
May 15, M	Instruction begins.
May 29, M	Memorial Day holiday. No classes.
June 8, Th	Instruction ends for Summer Session 1.

June 9, F	Final examinations for Summer Session 1.
Summer Session 2 (8-week session)	
June 12, M	Instruction begins.
June 19, M	Juneteenth holiday. No classes.
July 4, T	Independence Day holiday. No classes.
August 2, W	Instruction ends for Summer Session 2.
August 3-4, Th-F	Final examinations for Summer Session 2.

a *Exceptions for School of Law students; College of Medicine students completing clinical clerkships; College of Pharmacy students completing clinical instruction courses and other students taking those courses. Students should check their syllabus for exceptions.*

2028-2029 Academic Calendar

Date	Event
Fall Semester 2028	
August 21, M	Instruction begins.
September 4, M	Labor Day holiday. No classes.
October 13, F	Eight-week Part of Term A ends.
October 16, M	Eight-week Part of Term B begins.
November 22, W	Student Wellness Day. No Classes.[a]
November 23–24, Th–F	Thanksgiving holiday. No classes.
December 1, F	Instruction ends.
December 4–8, M–F	Final examinations.
December 13, W	Instructor grading deadline for 16-week courses (5 p.m.)
December 18, M	Grades available via my.UIC.edu
Spring Semester 2029	
January 8, M	Instruction begins.
January 15, M	Martin Luther King Jr. Day. No classes.
March 2, F	Eight-week Part of Term A ends.
March 5, M	Eight-week Part of Term B begins.
March 19-23 M-F	Spring vacation. No classes.
April 27, F	Instruction ends.
April 30-May 4, M-F	Final examinations.
May 9, W	Instructor grading deadline for 16-week courses (5 p.m.)
May 14, M	Grades available via my.UIC.edu
Summer Sessions 2029	
Summer Session 1 (4-week session)	
May 14, M	Instruction begins.
May 28, M	Memorial Day holiday. No classes.
June 7, Th	Instruction ends for Summer Session 1.
June 8, F	Final examinations for Summer Session 1.
Summer Session 2 (8-week session)	
June 11, M	Instruction begins.
June 19, T	Juneteenth holiday. No classes.
July 4, W	Independence Day holiday. No classes.
August 1, W	Instruction ends for Summer Session 2.
August 2-3, Th-F	Final examinations for Summer Session 2.

a *Exceptions for School of Law students; College of Medicine students completing clinical clerkships; College of Pharmacy students completing clinical instruction courses and other students taking those courses. Students should check their syllabus for exceptions.*

2029-2030 Academic Calendar

Date	Event
Fall Semester 2029	
August 20, M	Instruction begins.
September 3, M	Labor Day holiday. No classes.
October 12, F	Eight-week Part of Term A ends.
October 15, M	Eight-week Part of Term B begins.
November 21, W	Student Wellness Day. No Classes.[a]
November 22–23, Th–F	Thanksgiving holiday. No classes.
November 30, F	Instruction ends.
December 3–7, M–F	Final examinations.
December 12, W	Instructor grading deadline for 16-week courses (5 p.m.)
December 17, M	Grades available via my.UIC.edu
Spring Semester 2030	
January 14, M	Instruction begins.
January 21, M	Martin Luther King Jr. Day. No classes.
March 8, F	Eight-week Part of Term A ends.
March 11, M	Eight-week Part of Term B begins.
March 25-29 M-F	Spring vacation. No classes.
May 3, F	Instruction ends.
May 6-10, M-F	Final examinations.
May 15, W	Instructor grading deadline for 16-week courses (5 p.m.)
May 20, M	Grades available via my.UIC.edu
Summer Sessions 2030	
Summer Session 1 (4-week session)	
May 20, M	Instruction begins.
May 27, M	Memorial Day holiday. No classes.
June 13, Th	Instruction ends for Summer Session 1.
June 14, F	Final examinations for Summer Session 1.
Summer Session 2 (8-week session)	
June 17, M	Instruction begins.
June 19, W	Juneteenth holiday. No classes.
July 4, Th	Independence Day holiday. No classes.
August 7, W	Instruction ends for Summer Session 2.
August 8-9, Th-F	Final examinations for Summer Session 2.

a *Exceptions for School of Law students; College of Medicine students completing clinical clerkships; College of Pharmacy students completing clinical instruction courses and other students taking those courses. Students should check their syllabus for exceptions.*

2030-2031 Academic Calendar

Date	Event
Fall Semester 2030	
August 26, M	Instruction begins.
September 2, M	Labor Day holiday. No classes.
October 18, F	Eight-week Part of Term A ends.
October 21, M	Eight-week Part of Term B begins.
November 27, W	Student Wellness Day. No Classes.[a]
November 28–29, Th–F	Thanksgiving holiday. No classes.
December 6, F	Instruction ends.
December 9–13, M–F	Final examinations.

December 18, W	Instructor grading deadline for 16-week courses (5 p.m.)
December 23, M	Grades available via my.UIC.edu
Spring Semester 2031	
January 13, M	Instruction begins.
January 20, M	Martin Luther King Jr. Day. No classes.
March 7, F	Eight-week Part of Term A ends.
March 10, M	Eight-week Part of Term B begins.
March 24-28, M-F	Spring vacation. No classes.
May 2, F	Instruction ends.
May 5-9, M-F	Final examinations.
May 14, W	Instructor grading deadline for 16-week courses (5 p.m.)
May 19, M	Grades available via my.UIC.edu
Summer Sessions 2031	
Summer Session 1 (4-week session)	
May 19, M	Instruction begins.
May 26, M	Memorial Day holiday. No classes.
June 12, Th	Instruction ends for Summer Session 1.
June 13, F	Final examinations for Summer Session 1.
Summer Session 2 (8-week session)	
June 16, M	Instruction begins.
June 19, Th	Juneteenth holiday. No classes.
July 4, F	Independence Day holiday. No classes.
August 6, W	Instruction ends for Summer Session 2.
August 7-8, Th-F	Final examinations for Summer Session 2.

a *Exceptions for School of Law students; College of Medicine students completing clinical clerkships; College of Pharmacy students completing clinical instruction courses and other students taking those courses. Students should check their syllabus for exceptions.*

2031-2032 Academic Calendar

Date	Event
Fall Semester 2031	
August 25, M	Instruction begins.
September 1, M	Labor Day holiday. No classes.
October 17, F	Eight-week Part of Term A ends.
October 20, M	Eight-week Part of Term B begins.
November 26, W	Student Wellness Day. No Classes.[a]
November 27–28, Th–F	Thanksgiving holiday. No classes.
December 5, F	Instruction ends.
December 8–12, M–F	Final examinations.
December 17, W	Instructor grading deadline for 16-week courses (5 p.m.)
December 22, M	Grades available via my.UIC.edu
Spring Semester 2032	
January 12, M	Instruction begins.
January 19, M	Martin Luther King Jr. Day. No classes.
March 5, F	Eight-week Part of Term A ends.
March 8, M	Eight-week Part of Term B begins.
March 22-26, M-F	Spring vacation. No classes.
April 30, F	Instruction ends.
May 3-7, M-F	Final examinations.
May 12, W	Instructor grading deadline for 16-week courses (5 p.m.)

May 17, M	Grades available via my.UIC.edu
Summer Sessions 2032	
Summer Session 1 (4-week session)	
May 17, M	Instruction begins.
May 31, M	Memorial Day holiday. No classes.
June 10, Th	Instruction ends for Summer Session 1.
June 11, F	Final examinations for Summer Session 1.
Summer Session 2 (8-week session)	
June 14, M	Instruction begins.
June 18, F	Juneteenth holiday. No classes.
July 5, M	Independence Day holiday. No classes.
August 4, W	Instruction ends for Summer Session 2.
August 5-6, Th-F	Final examinations for Summer Session 2.

a *Exceptions for School of Law students; College of Medicine students completing clinical clerkships; College of Pharmacy students completing clinical instruction courses and other students taking those courses. Students should check their syllabus for exceptions.*

2032-2033 Academic Calendar

Date	Event
Fall Semester 2032	
August 23, M	Instruction begins.
September 6, M	Labor Day holiday. No classes.
October 15, F	Eight-week Part of Term A ends.
October 18, M	Eight-week Part of Term B begins.
November 24, W	Student Wellness Day. No Classes.[a]
November 25–26, Th–F	Thanksgiving holiday. No classes.
December 3, F	Instruction ends.
December 6–10, M–F	Final examinations.
December 15, W	Instructor grading deadline for 16-week courses (5 p.m.)
December 20, M	Grades available via my.UIC.edu
Spring Semester 2033	
January 10, M	Instruction begins.
January 17, M	Martin Luther King Jr. Day. No classes.
March 4, F	Eight-week Part of Term A ends.
March 7, M	Eight-week Part of Term B begins.
March 21-25, M-F	Spring vacation. No classes.
April 29, F	Instruction ends.
May 2-6, M-F	Final examinations.
May 11, W	Instructor grading deadline for 16-week courses (5 p.m.)
May 16, M	Grades available via my.UIC.edu
Summer Sessions 2033	
Summer Session 1 (4-week session)	
May 16, M	Instruction begins.
May 30, M	Memorial Day holiday. No classes.
June 9, Th	Instruction ends for Summer Session 1.
June 10, F	Final examinations for Summer Session 1.
Summer Session 2 (8-week session)	
June 13, M	Instruction begins.
June 20, M	Juneteenth holiday. No classes.

July 4, M	Independence Day holiday. No classes.
August 3, W	Instruction ends for Summer Session 2.
August 4-5, Th-F	Final examinations for Summer Session 2.

a *Exceptions for School of Law students; College of Medicine students completing clinical clerkships; College of Pharmacy students completing clinical instruction courses and other students taking those courses. Students should check their syllabus for exceptions.*

The University

- UIC Background and Accreditation (p. 17)
- Undergraduate Student Resources (p. 18)
- Faculty List (p. 22)

UIC Background and Accreditation

Mission, History, and Leadership

To learn more about the University of Illinois Chicago's mission, history, and leadership, please visit the UIC website.

Accreditation

"Accreditation" is review of the quality of higher education institutions and programs. It provides the recognition that an institution maintains standards requisite for its graduates to gain admission to other reputable institutions of higher learning or to achieve credentials for professional practice. The federal and state governments require institutions, colleges, and or programs to be accredited in order for their students to be eligible for grants, loans, or other funds. The goal of accreditation is to ensure that education provided by institutions of higher education meets acceptable levels of quality.

There are two basic types of educational accreditation: "institutional", and "specialized", or "programmatic". Institutional accreditation validates the quality of an institution as a whole and evaluates multiple aspects of an institution, including its academic offerings, governance and administration, mission, finances, and resources. Specialized accreditation applies to the evaluation of specific programs, departments, or schools which usually are parts of a total collegiate or other postsecondary institution. The unit accredited may be as large as a college or school within a university, or as small as a curriculum within a discipline. Most of the specialized accrediting agencies review units within a postsecondary institution, which is accredited by an institutional accrediting commission. All "recognized" accrediting organizations have been reviewed for quality by the Council for Higher Education Accreditation (CHEA) or the United States Department of Education (USDE).

The University of Illinois Chicago maintains its institutional accreditation with the Higher Learning Commission (HLC), which is recognized by both CHEA and the USDE. HLC is located at:

The Higher Learning Commission (HLC)
230 South LaSalle Street, Suite 7-500
Chicago, Illinois 60604-1411
(312) 263-0456
info@hlcommission.org
https://www.hlcommission.org

The Higher Learning Commission is recognized by the U.S. Department of Education (USDE) and the Council for Higher Education Accreditation (CHEA). The next comprehensive evaluation for the reaffirmation of UIC's accreditation is scheduled for 2033-2034. Verification of accreditation status is available through the HLC Mark of Affiliation on UIC's About webpage and at the HLC website.

The undergraduate academic degree programs described in this catalog have been approved by:

The Illinois Board of Higher Education
1 North Old State Capitol Plaza, Suite 333
Springfield, Illinois 62701-1377
(217) 782-2551, (888) 261-2881 (TTY)
General Information: info@ibhe.org, http://www.ibhe.org
Institutional Complaint Hotline: (217) 557-7359, http://complaints.ibhe.org

In addition to institutional accreditation, academic programs in specific disciplines and certain individual programs offered at UIC's main campus, branch campuses, and additional locations are accredited by the following specialized accrediting agencies:

College of Applied Health Sciences

- **BS in Health Information Management**

  Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)
  200 East Randolph Street, Suite 5100
  Chicago, Illinois 60601
  (312) 235-3255
  info@cahiim.org
  http://www.cahiim.org

- **BS in Nutrition Science - Dietetics Program**

  Accreditation Council for Education in Nutrition and Dietetics (ACEND)
  Academy of Nutrition and Dietetics
  120 South Riverside Plaza, Suite 2000
  Chicago, Illinois 60606-6995
  (800) 877-1600 x5400
  ACEND@eatright.org
  https://www.eatrightpro.org/acend

College of Business Administration

- **BS programs in Accounting, Entrepreneurship, Finance, Human Resource Management, Information and Decision Sciences, Management, Marketing, Real Estate, and Bachelor of Business Administration**

  AACSB International—The Association to Advance Collegiate Schools of Business
  777 South Harbour Island Boulevard, Suite 750
  Tampa, Florida 33602
  (813) 769-6500
  http://www.aacsb.edu

College of Engineering

- **BS programs in Biomedical Engineering, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Engineering Physics, Industrial Engineering, and Mechanical Engineering, accredited by the Engineering Accreditation Commission of Accreditation Board for Engineering and Technology (ABET)**
- **BS program in Computer Science, accredited by the Computing Accreditation Commission of ABET**

ABET
415 North Charles Street
Baltimore, Maryland 21201
(410) 347-7700
http://www.abet.org

College of Nursing

- **BS in Nursing**

Commission on Collegiate Nursing Education (CCNE)
655 K Street, NW, Suite 750
Washington, D.C. 20001
(202) 887-6791
http://www.aacnnursing.org/CCNE

School of Public Health

- **BA in Public Health, BS in Public Health**

Council on Education for Public Health (CEPH)
1010 Wayne Avenue, Suite 220
Silver Spring, MD 20910
(202) 789-1050
http://www.ceph.org

State Teacher Licensure

BA in Urban Education, BA in the Teaching of English, BA in the Teaching of French, BA in the Teaching of German, BA in the Teaching of Spanish, BA in the Teaching of History, BFA in Art Education, BMus in Music Education, BS in Inclusive and Special Education, BS in the Teaching of Math

The curricula for the preparation of elementary and secondary school teachers as listed in this catalog have been approved by the Illinois Board of Higher Education, the Illinois State Board of Education, and the university. A list of all ISBE approved educator licensure programs provided by UIC is available through the office of Council on Teacher Education.

State Authorization for Online Programs and Courses

UIC must comply with state regulations concerning the delivery of online courses and programs to out-of-state students. UIC was approved by the Illinois Board of Higher Education to participate in the National Council for State Authorization Reciprocity Agreements (NC-SARA), which is intended to ease the workload of institutions seeking authorization to deliver online programs and courses in other states.

While students from most states may enroll in online programs at UIC, there are some important limitations. Out-of-state students interested in enrolling in a UIC online program or online courses should check the State Authorization webpage for more information about the institution's approval status to offer distance education programs.

Students interested in online programs may contact UIC Extended Campus at onlineinfo@uic.edu or (312) 355-0423 for more program information.

Professional Licensure Disclosures

The University of Illinois Chicago provides public licensure disclosures pursuant to 34 CFR 668.43(a)(5)(v) for educational programs designed to meet or advertised as meeting requirements for professional licensure or certification.

These public licensure disclosures also address requirements found in 38 C.F.R. Part 21 relating to veterans' education benefits.

Disclosures by College

Undergraduate Student Resources

Academic Center for Excellence (ACE)
2900 Student Services Building (SSB)
(312) 413-0031
http://ace.uic.edu

Office of Admissions
1100 Student Services Building (SSB)
(312) 996-4350
http://admissions.uic.edu

African American Academic Network (AAAN)
2800 Student Services Building (SSB)
(312) 996-5040
http://aaan.uic.edu

Arab American Cultural Center
101 Taft Hall (TH)
(312) 413-3253
https://arabamcc.uic.edu

Asian American Resource and Cultural Center
723 W. Maxwell Street
(312) 413-9569
http://aarcc.uic.edu

Intercollegiate Athletics
240 Flames Athletic Center
(312) 996-4639
http://www.uicflames.com

Black Cultural Center
209 Addams Hall (AH)
(312) 996-9549
https://blacc.uic.edu

Bookstore

https://www.bkstr.com/uicbookstore

UIC Bookstore
Student Center East
(312) 413-5500

UIC Medical Bookstore
Student Center West
(312) 413-5550

Campus Advocacy Network
1700 Student Services Building (SSB)
(312) 413-8206
http://can.uic.edu

CampusCare Student Health Benefit Program
Clinical Sciences North, Suite W310
(312) 996-2901
http://campuscare.uic.edu

Campus Housing Office
(312) 355-6300
http://housing.uic.edu

Career, Co-op, Internship, and Employment Information
Career Services
3050 Student Services Building (SSB)
(312) 996-2300
http://careerservices.uic.edu

Business Career Center
110 Douglas Hall (DH)
(312) 996-2700
http://business.uic.edu/undergraduate-programs/business-career-center

College of Liberal Arts and Sciences Internship Program
519 University Hall (UH)
(312) 996-0425
https://career.las.uic.edu/internship-program

Engineering Career Center
800 Science and Engineering Offices (SEO)
(312) 355-5174
https://ecc.uic.edu

School of Art and Art History Art Internship
208 Jefferson Hall (JH)
(312) 355-0979
https://arthistory.uic.edu/courses/internship-opportunities

Student Employment
2100 Student Services Building (SSB)
(312) 996-3130
http://studentemployment.uic.edu

CHANCE Program
2560 Student Services Building (SSB)
chance@uic.edu
(312) 355-5025
https://chance.uic.edu

Children's Center
116 Applied Health Sciences Building (AHSB)
(312) 413-5326
http://childrenscenter.uic.edu

Commuter and Off-Campus Life
Student Center East, Room 245
(312) 413-7440
https://csrc.uic.edu

Counseling Center
2010 Student Services Building (SSB)
(312) 996-3490
http://counseling.uic.edu

Dean of Students Office
3030 Student Services Building (SSB)
(312) 996-4857
http://dos.uic.edu

Disability Resource Center
1070 Student Services Building (SSB)
(312) 413-2183 (Voice)
(312) 957-4822 (Video Phone)
http://drc.uic.edu

Family Medicine Center
https://hospital.uillinois.edu/primary-and-specialty-care/family-medicine

Outpatient Care Center
1801 W. Taylor Street, Suite 4E
(866) 600-2273

University Village
722 W. Maxwell Street, 2nd Floor
(312) 996-2901

Office of Student Financial Aid and Scholarships
1800 Student Services Building (SSB)
(312) 996-3126
money@uic.edu
http://financialaid.uic.edu

Gender and Sexuality Center
1180 Behavioral Sciences Building (BSB)
(312) 413-8619
http://gsc.uic.edu

ID Center
124 Student Center East (SCE)
(312) 413-5940
http://idcenter.uic.edu

Office of International Services
2160 Student Services Building (SSB)
(312) 996-3121
http://www.ois.uic.edu

Sandi Port Errant Language and Culture Learning Center
301 Grant Hall
(312) 996-8838
http://lclc.uic.edu

Latin American Recruitment and Education Services Program (LARES)
2640 Student Services Building (SSB)
(312) 996-3356
http://lares.uic.edu

Rafael Cintrón Ortiz Latino Cultural Center

Lecture Center B2
(312) 996-3095
http://latinocultural.uic.edu

Libraries
http://library.uic.edu

Richard J. Daley Library (Main)
801 South Morgan Street
Circulation: (312) 996-2724
Reference: (312) 996-2726
http://library.uic.edu/daley

Library of the Health Sciences
1750 West Polk Street
Circulation desk: (312) 996-8966
Reference desk: (312) 996-9163
http://library.uic.edu/lhs-chicago

Math and Science Learning Center
3rd floor, Science and Engineering South (SES)
(312) 355-4900
https://mslc.uic.edu

Native American Support Program
2700 Student Services Building (SSB)
(312) 996-4516
http://nasp.uic.edu

Parking Services
https://parking.uic.edu

Customer Service—East
Student Center East, Room 317
(312) 413-9020

Administrative Office
1100 South Wood Street Room 122
(312) 413-5800

Public Health Initiatives—Wellness Kiosk Locations
Student Center East—first floor, main concourse area
Student Center West—east end of the Polk Street exit
https://publichealthinitiatives.uic.edu/health-hub/wellness-kiosk

Campus Recreation
http://recreation.uic.edu

Sport & Fitness Center
828 South Wolcott Street
(312) 413-5260

Student Recreation Facility
737 South Halsted Street
(312) 413-5150

Office of the Registrar
1200 Student Services Building (SSB)
(312) 996-4350
https://registrar.uic.edu

Office of the Vice Chancellor for Student Affairs
3010 Student Services Building (SSB)
(312) 996-7140
http://sa.uic.edu

Student Centers
http://studentcenters.uic.edu

Student Center East (SCE)
750 South Halsted Street
(312) 413-5100

Student Center West (SCW)
828 South Wolcott Avenue
(312) 413-5200

Center for Student Involvement
340 Student Center East (SCE)
(312) 413-5070
http://involvement.uic.edu

Student Leadership and Civic Engagement
390 Student Center East (SCE)
(312) 996-4500
http://slce.uic.edu

Student Veteran Affairs
248 Student Center East (SCE)
(312) 413-5112
http://dos.uic.edu/studentveteranaffairs.shtml

Study Abroad Office
502 University Hall (UH)
(312) 413-7662
http://studyabroad.uic.edu

Summer Session Office
1300 Student Services Building (SSB)
(312) 996-4350, menu opt. 8
http://summer.uic.edu

Technology Solutions
(312) 413-0003
https://it.uic.edu

Help Desk Locations:
East Campus
Richard J Daley Library
801 S. Morgan

West Campus
Library of Health Sciences
1750 W. Polk

Office of Testing Services
1070 Student Services Building
(312) 996-0919
http://testing.uic.edu

TRIO
2080 Student Services Building (SSB)
(312) 996-5046
http://trio.uic.edu

Office of External Fellowships
800 University Hall (UH)
(312) 355-3380
https://oef.uic.edu

University Bursar
1900 Student Services Building (SSB)

(312) 996-2180
https://paymybill.uillinois.edu

Urban Health Program
908 College of Medicine West Tower (CMWT)
(312) 996-7728
http://uhp.uic.edu

Wellness Center
238 Student Center East (SCE)
(312) 413-2120
http://wellnesscenter.uic.edu

Women's Leadership and Resource Center
1700 Student Services Building (SSB)
(312) 413-1025
http://wlrc.uic.edu

Writing Center
105 Grant Hall (GH)
(312) 413-2206
http://writingcenter.uic.edu

Faculty List

University Library

Benjamin Aldred MS, University of Illinois Urbana-Champaign, PhD, Indiana University
Annie Armstrong MLS, University of Wisconsin–Madison
Felicia Barrett MLS, Indiana University
Kathryn Carpenter MSLS, University of Illinois Urbana-Champaign
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College of Applied Health Sciences

Department of Biomedical and Health Information Sciences (p. 22)
Department of Kinesiology and Nutrition (p. 22)

Department of Biomedical and Health Information Sciences

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Department of Kinesiology and Nutrition

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College of Architecture, Design, and the Arts

School of Architecture (p. 23)
School of Art and Art History (p. 23)
School of Design (p. 23)
School of Theature and Music (p. 24)

School of Architecture

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Grant Gibson MArch, University of Illinois Chicago
Stewart Hicks MArch, Princeton University
Ania Jaworska MArch, Cranbrook Academy of Art
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Thomas Kelley MArch, Princeton University
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School of Theatre & Music

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Andrew Barrett PhD, Northwestern University
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Nicholas Carlson MM, University of Wisconsin-Milwaukee
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Zayla Carter MM East Carolina University
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Department of Accounting (p. 24)
Department of Finance (p. 25)
Department of Information and Decision Sciences (p. 25)
Department of Managerial Studies (p. 25)
Stuart Handler Department of Real Estate Studies (p. 26)

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College of Engineering

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Department of Chemical Engineering (p. 27)
Department of Civil and Materials Engineering (p. 27)
Department of Computer Science (p. 27)
Department of Electrical and Computer Engineering (p. 28)

Department of Mechanical and Industrial Engineering (p. 28)

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Matthew Daly PhD, University of Toronto
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Sachin A. Patel PharmD, Midwestern University
Sujal K. Patel PharmD, University of Health Sciences and Pharmacy
Yesha A. Patel PharmD, St. John's University
Guido F. Pauli PhD, Heinrich Heine University (Dusseldorf, Germany)
Alyssa R, Perez PharmD, University of Illinois Chicago
Christina Petrykiw PharmD, University of Illinois Chicago
Pavel A. Petukhov PhD, Novosibirsk Institute of Organic Chemistry (Russia)
Gwen Hoang Pham PharmD, University of Illinois Chicago
Jennifer Pham PharmD, University of Illinois Chicago
Jennifer A. Phillips PharmD, University of Illinois Chicago
A. Simon Pickard PhD, University of Alberta (Canada)
Dana R. Pierce PharmD, University of Illinois Chicago
Levi Karell C. Pilones PharmD, University of Illinois Chicago
Elaine L. Pimentel PharmD, University of Illinois Chicago
Matthew Plassmeier PharmD, Purdue University
Marianne K. Pop PharmD, Midwestern University
Andrew K. Posen PharmD, University of Illinois Chicago
Sajitha R. Purathur PharmD, University of Illinois Chicago
Sandra Cuellar Puri PharmD, University of Illinois Chicago
Mohomed Qader PhD, University of Pevadeniya Sri Lanka
Leyla Rashid PharmD, University of Minnesota
Chirag S. Rathod PharmD, Midwestern University
Julio A. Rebolledo PharmD, University of Illinois Chicago
Garth Reynolds BS Pharmacy, University of Health Sciences and Pharmacy, St. Louis; MBA, Southern Illinois University Edwardsville
Andrew P. Riley PhD, University of Kansas
Hugh Hyojin Rim PharmD, Midwestern University
Patricia Rodriguez PharmD, University of Illinois Chicago
Paola C. Rosas MD/PhD, U Nac San Agustin de Arequipa/Texas A & M
Anthony W. Rosella PharmD, University of Illinois Chicago
Andrew Ruettiger PharmD, Rosalind Franklin University of Medicine
Dale E. Rush MS/MPA, University of Illinois Chicago
Angela Russo PhD, University of North Carolina, Chapel Hill
Kevin O. Rynn PharmD, Duquesne University
Irene G. Ryu PharmD, University of Illinois Chicago
Amrita S. Salvi, PhD, Nanyang Tech University
Jonathan Samardzich PharmD, University of Illinois Chicago
Shilpa Sant PhD, University of Montreal
Katherine Sarna PharmD, Midwestern University
Kristen Savas PharmD, University of Illinois Chicago
Monazzah Sarwar PharmD, University of Illinois Chicago
Kathryn M. Sawyer PharmD, University of Minnesota
Mia R. Schmiedeskamp PhD, University of Washington
Allison E. Schriever PharmD, University of Illinois Chicago
Christopher A. Schriever PharmD/MS University of Illinois Chicago/ Northern Illinois University
Glen T. Schumock PharmD, MS, PhD, University of Illinois Chicago
Christopher S. Schumpp PharmD, University of Illinois Chicago
Gunjan Shah PharmD, Shenandoah University
Sonia A. Shah PharmD, University of Illinois Chicago
Nancy L. Shapiro PharmD, University of Iowa
Lisa K. Sharp PhD, Northwestern University
Maurice M. Shaw PharmD, Chicago State University
Gauri S. Shetye PhD, Syracuse University
John S. Shilka PharmD, University of Illinois Chicago
Joseph P. Simon PharmD, University of Illinois Chicago
Erica Smith PharmD, University of Illinois Chicago
Renata O. Smith PharmD, University of Illinois Chicago
Daphne E. Smith-Marsh PharmD, University of Illinois Chicago

Chunkit So PharmD, Midwestern University
Djaja D. Soejarto PhD, Harvard University
Alicia Song PharmD, University of Illinois Chicago
Hailey Soni PharmD, University of Wisconsin
Rita Soni PharmD, University of Illinois Chicago
Lauren Speakman PharmD, Auburn University
Brendan Steiner PharmD, Wilkes University
Maksim Sergeyevich Svetlov PhD, Institute of Protein Research
Paul M. Stranges PharmD, Midwestern University
Karen I. Sweiss PharmD, University of Illinois Chicago
Jakub J. Swiatek PharmD, University of Illinois Chicago
Regina Takamura PharmD, Midwestern University
Alexandria T. Tang PhD, University of Illinois Chicago
Thomas TenHoeve III PhD, Iowa State University
Eljim P. Tesoro PharmD, University of California, San Francisco
Mathew Thambi PharmD, University of Illinois Chicago
Douglas D. Thomas PhD, Louisiana State University
Karen C. Thomas PharmD; PhD, University of Utah
Nithin Thomas PharmD, Rosalind Franklin University
Jessica J. Tilton PharmD, Purdue University
Isabelle To PharmD, University of Pittsburgh
Debra A. Tonetti PhD, Loyola University Chicago
Daniel R. Touchette PharmD, MS, Wayne State University
Ellen M. Uppuluri PharmD, Wayne State University
Benito T. Valdepenas PharmD, University of Illinois Chicago
Elizabeth Van Dril PharmD, Midwestern University
Maribelle R. Vasavanont PharmD, University of Illinois Chicago
Nora Vasquez-Laslop PhD, Universidad Nacional Autonoma de Mexico
Rosalyn P. Vellurattil PharmD, University of Illinois Chicago
Jose A. Villegas PhD, University of Pennsylvania
Mark Vlastelica PharmD, Midwestern University
Casey VonDeBur PharmD, Southern Illinois University

Donald P. Waller PhD, The Ohio State University
Surrey M. Walton PhD, University of Chicago
Zaijie Jim Wang PhD, University of California, San Francisco
Jacqueline Wasynczuk PharmD, Butler University
Taylor L. Watterson PharmD/PhD, University of Wisconsin
Lori A. Wilken PharmD, University of Toledo
Aaron N. Winn PhD, University of North Carolina
Anna Xie PharmD, Midwestern University
Kay Yamamoto PharmD, Northwestern University
Jewel S. Younge PharmD, University of Illinois Chicago
Lidiya Zahvolskyy PharmD, University of Illinois Chicago
Zongmin Zhao PhD, Virginia Tech
Adriana M. Zimnicka PhD, University of Illinois Chicago

School of Public Health

Community Health Sciences (p. 39)
Environmental and Occupational Health Science (p. 39)
Epidemiology/Biostatistics (p. 40)
Health Policy and Administration (p. 40)

Community Health Sciences

Asada, Yuka, PhD, University of Illinois Chicago
Bobitt, Julie, PhD, University of Illinois Urbana-Champaign
Boodram, Basmattee, PhD, University of Illinois Chicago
Bullock, Nana Ama, PhD, University of Louisville
Carnahan, Leslie, PhD, University of Illinois Chicago
Caskey, Rachel, MD, Jefferson Medical College
Castillo, Amparo, PhD, University of Illinois Chicago
Chavez, Noel, PhD, St. Louis University (Emerita)
DuBois, David L., PhD, University of Illinois Urbana-Champaign
Florestal-Kevelier, Raphael, PhD, University of Georgia
Floyd, Brenikki R., PhD, University of Kentucky, Lexington
Ford, Tiffany, PhD, University of Maryland, College Park
Handler, Arden S., DrPH, University of Illinois Chicago
Hebert-Beirne, Jennifer Mary, PhD, University of Illinois Chicago
Hill, Ashley, DrPH, Texas A&M University
Hughes, Susan L., PhD, Columbia University (Emerita)
Ibe-Lamberts, Kelechi, PhD, University of Illinois Urbana-Champaign
Kelley, Michele A., ScD, Johns Hopkins University (Emerita)
Kennelly, Joan, PhD University of Illinois Chicago
Kviz, Frederick, PhD, University of Illinois Chicago (Emeritus)
Lenihan, D. Patrick, PhD, University of Illinois Chicago (Emeritus)
Mackesy-Amiti, Mary Ellen, PhD, University of Illinois Chicago
Manst, Deborah, MD, Loyola University Chicago
Mermelstein, Robin, PhD, University of Oregon
Mitchell, Uchechi A., PhD, University of California, Los Angeles
Molina, Yamile, PhD, University of Washington
Muramatsu, Naoko, PhD, University of Michigan-Ann Arbor
Peacock, Nadine, PhD, Harvard University
Peters, Karen E., DrPH, University of Illinois Chicago
Pinsker, Eve, PhD, University of Chicago
Prudowsky, Joshua, MPH, University of Illinois Chicago
Rothstein, Jess, PhD, John Hopkins University
Rowitz, Louis, PhD, University of Illinois Urbana-Champaign (Emeritus)
Shaw, Ben, PhD, University of Michigan-Ann Arbor
Turnock, Bernard, MD, University of Illinois Chicago (Emeritus)
Velonis, Alisa J., PhD, University of Colorado at Denver
Waterman, Fanta, PhD, Temple University
Williams, Leslie, PhD, New York University
Zimmerman, Kris, PhD, University of Illinois Chicago

Environmental and Occupational Health Science

Abraham, David, PhD, University of Illinois Chicago
Almberg, Kirsten, PhD, University of Illinois Chicago
Amouei Torkmahalleh, Mehdi, PhD, Clarkson University
Bakston, Daniel, MD, Academy of Medicine Poznan
Bonney, Tessa, PhD, University of Illinois Chicago
Boulos, Badi, MD, Alexandria University (Emeritus)
Bing-Canar, John, PhD, University of Illinois Chicago
Brandt-Rauf, Paul, DPH, MD, Columbia University
Buchanan, Susan, MD, Ohio State University
Cailas, Michael D., PhD, McGill University (Canada)
Cohen, Robert, MD, Northwestern University
Conroy, Lorraine M., ScD, Harvard University
Dorevitch, Samuel, MD, University of Chicago
Erdal, Serap, PhD, University of Pittsburgh
Esmen, Nurtan, PhD, University of Pittsburgh (Emeritus)
Forst, Linda S., MD, MPH, Michigan State University, University of Illinois
Friedman, Lee, PhD, University of Illinois Chicago
Go, Leonard, MD, University of Illinois Chicago
Gracia, Gabriela, PhD, University of Illinois Chicago
Hargis, Kim, MD University of Illinois Chicago
Heimler, Ira, PhD, University of Wisconsin-Milwaukee
Halloway-Beth, Alfreda, PhD, University of Illinois Chicago
Hryhorczuk, Daniel, MD, University of Illinois Chicago (Emeritus)
Ibrahim, David, PhD, University of Illinois Chicago
Jacobs, David, PhD, Kennedy Western University
Jagai, Jyotsna, PhD, Tufts University
Kaplan, Susan, JD, University of Wisconsin-Madison

Kim, Honghyok, PhD, Korea University
Li, An, PhD, University of Wisconsin-Madison
Madigan, Dana, PhD, University of Illinois Chicago
Malecki, Kristen, PhD, John Hopkins University
Murray, Linda Rae, MD, University of Illinois Chicago
Orris, Peter, MD, Rosalind Franklin University
Petros, Michael, DrPH, University of Illinois Chicago
Pratap, Preethi, PhD, University of Cincinnati
Scheff, Peter, PhD, University of Illinois Chicago (Emeritus)
Shao, Yuan, PhD, University of Minnesota
Shreshtha, Abhilasha, PhD, University of Illinois Chicago
Sietsema, Margaret, PhD, University of Illinois Chicago
Stanley, Ivorie, MD, Morehouse School of Medicine
Zanoni, Joseph, PhD, University of Illinois Chicago

Epidemiology/Biostatistics

Anderson, Robert, PhD, University of Michigan (Emeritus)
Argos, Maria, PhD, Columbia University
Arguelles, Lester, PhD University of Illinois Chicago
Awadalla, Saria, PhD, University of Rochester
Bailey, Robert C., PhD, Harvard University
Basu, Sanjib, PhD, Purdue University
Bauer, Julia Anglen, PhD, Boston University
Bhaumik, Dulal, PhD, University of Maryland
Campbell, Rebecca, PhD, John Hopkins University
Chen, Hua Yun, PhD, University of Michigan
Demirtas, Hakan, PhD, Pennsylvania State University
Dolecek, Therese, PhD, University of Illinois Chicago (Emerita)
Dworkin, Mark, MD, Rush Medical College
Freels, Sally, PhD, Northwestern University
Freeman, Vincent, MD, MPH, University of Chicago, University of Illinois Chicago
Furner, Sylvia, PhD, University of Illinois Chicago (Emerita)
Giles, Wayne, MD, Washington University in St. Louis
Goldstein, Paul, PhD, Case Western Reserve University (Emeritus)
Hershow, Ronald C., MD, State University of New York, Stony Brook School of Medicine
Konda, Sreenivas, ScD, Case Western Reserve University
Liu, Li C., PhD, University of Illinois Chicago
Mason, Meghan, PhD, University of Minnesota
Mehta, Supriya, PhD, Johns Hopkins University
Olshansky, S. Jay, PhD, University of Chicago
Ouellet, Lawrence, PhD, Northwestern University (Emeritus)
Persky, Victoria W., MD, Albert Einstein University
Peterson, Caryn E., PhD, University of Illinois Chicago
Rankin, Kristin, PhD, University of Illinois Chicago
Rauscher, Garth PhD, University of North Carolina at Chapel Hill
Rosenberg, Deborah, PhD, University of Illinois Chicago
Seweryn, Steven, EdD, Benedictine University
Stayner, Leslie, PhD, University of North Carolina
Sun, Jiehuan, PhD, Yale University
Turyk, Mary Ellen, PhD, University of Illinois Chicago
Wang, Meida, PhD, Michigan Technological University
Wiebel, Wayne, PhD Northwestern University (Emeritus)
Xie, Hui, PhD, Columbia University
Zejnullahi, Rrita, PhD, Northwestern University

Health Policy and Administration

Anderson, Adam, DPT, Governors State University
Chaloupka, Frank, PhD, New York Medical College (Emeritus)
Chriqui, Jamie, PhD, University of Maryland, Baltimore
Cliff, Elizabeth "Betsy", PhD, University of Michigan
Conrad, Karen, PhD, University of Illinois Chicago
Croke, Kevin, PhD, Northwestern University (Emeritus)
Drope, Jeffrey, PhD, University of New Mexico
Dillender, Marcus, PhD, University of Texas
Fitzgibbon, Marian, PhD, Long Island University
Govia, Carlo, MBA, University of Chicago
Greenspan, Benn, PhD, University of Illinois Chicago (Emeritus)
Jarpe-Ratner, Elizabeth, PhD, University of Illinois Chicago
Kim, Seijeoung, PhD, University of Illinois Chicago
Kwok, Jennifer, PhD, University of California
Lerger, Pierre, PhD, University of Western Ontario
Levy, Judith A., PhD, Northwestern University
Lin, Zhuoer, PhD, Yale University
Markowski, Justin, PhD, Yale University
McCay, Michele, DrPH, University of Illinois Chicago
Mensah, Edward K., PhD, Iowa State University
Phillips, Aryn, PhD, University of California, Berkeley
Porter, Betsy, JD, Loyola University Chicago
Powell, Lisa, PhD, Queens University, Kingston
Sewell, Richard, MPH, University of Oklahoma
Slater, Sandra, PhD, University of Illinois Chicago
Stiehl, Emily, PhD, University of Pittsburgh
Swartzman, Daniel, JD, Northwestern University (Emeritus)
Tilipman, Nicholas, PhD, Cornell University
Tran, Nathaniel, PhD, Vanderbilt University
Welter, Christina, DrPH, University of Illinois Chicago
Wrobel, Larry, DHA, Medical University of South Carolina
Zwanziger, Jack, PhD, Rand Graduate School

College of Urban Planning and Public Affairs

Department of Public Administration (p. 40)
Department of Urban Planning and Policy (p. 40)

Department of Public Administration

Kate Albrecht PhD, North Carolina State University
Jered Carr PhD, Florida State University
Federica Fusi PhD, Arizona State University
Allyson Holbrook PhD, Ohio State University
Stephen Kleinschmit PhD, North Carolina State University
Agustina M. Laurito PhD, New York University
Kelly LeRoux PhD, Wayne State University
Jiaqi Liang PhD, American University
David Merriman, PhD, University of Wisconsin
Michael Pagano PhD, University of Texas at Austin
Michael Siciliano PhD, University of Pittsburgh
James Thompson PhD, Syracuse University
Yonghong Wu PhD, Syracuse University
Kathleen Yang-Clayton PhD, University of Chicago

Department of Urban Planning and Policy

Ning Ai PhD, Georgia Institute of Technology
Kheir Al-Kodmany PhD, University of Illinois Urbana-Champaign
Phil Ashton PhD, Rutgers University
John Betancur PhD, University of Illinois Chicago
Teresa Cordova PhD, University of California, Berkeley
Joshua Drucker PhD, University of North Carolina at Chapel Hill
April Jackson, PhD, University of Illinois Chicago
Kazuya Kawamura PhD, University of California, Berkeley
David López-García, PhD, New School in New York City
Kate Lowe PhD, Cornell University

Brenda Parker PhD, University of Wisconsin–Madison
Stacey Sutton PhD, Rutgers University
Nik Theodore PhD, University of Illinois Chicago
Nebiyou Tilahun PhD, University of Minnesota
Andrés M. Urcuqui-Bustamante, PhD, SUNY
Sevin Yildiz PhD, Rutgers University

Admissions, Registration & Finances

- Admissions (p. 42)
- Financial Aid (p. 46)
- Registering and Enrolling in Courses at UIC (p. 47)
- Student Tuition, Fees, and Assessments (p. 53)

Admissions

Mailing Address:
Office of Undergraduate Admissions (MC 018)
University of Illinois Chicago
Student Services Building
1200 West Harrison Street, Suite 1100
Chicago, Illinois 60607-7161

Office of Graduate and Professional Admissions (MC 018)
University of Illinois Chicago
Student Services Building
1200 West Harrison Street, Suite 1100
Chicago, Illinois 60607-7161

Contact Information:
Office Location: 1100 Student Services Building (SSB)
(312) 996-4350
admissions.uic.edu

Admissions Application Procedures

All undergraduate applicants who wish to attend UIC must submit the Common Application or UIC Application online. All first year applicants must use the Common Application. Please go to the admissions website to start the application process. Applicants must also submit all supporting documents and the required nonrefundable application fee (or application fee waiver) by the appropriate deadline to ensure an application review. All credentials presented for admission become the permanent property of the university, cannot be subsequently released to the student or to another individual or institution, and may not be held for reconsideration of admission to subsequent terms.

For information about registration as a visitor/auditor, see the Registering and Enrolling in Courses at UIC (p. 47) section of the catalog.

English Language Competency Requirement for All Applicants

Minimum requirements for competence in English apply to all applicants. An applicant may establish competence in English by certifying that the following requirements have been fulfilled in a country where English is the only official/native language *and* in a school where English is the primary language of instruction:

1. Successful completion of a minimum of two academic years of full-time study at the secondary school or college level immediately prior to the proposed date of enrollment in the university.
2. Applicants who have a minimum of one-year full-time employment in the U.S. or other country where English is the only official language. Applicants must submit a letter from their employer (on company letterhead) verifying at least 12 consecutive months of employment and describing the applicant's English language ability.

Applicants who do not meet the above requirement may provide sufficient evidence of competence in English by achieving a minimum score on any of the tests listed below. Additional information on the English proficiency test requirement for international students can be found on the UIC Admissions website.

Exam	Score	Reading	Listening	Speaking	Writing
TOEFL iBT (exams taken on or after January 21, 2026)	4.5				
TOEFL iBT (exams taken prior to January 21, 2026)	80				
IELTS Academic	6.5	6	6	6	6
PTE Academic	54	51	47	53	56

Please note that the test score or testing result cannot be more than two years old. Higher scores may be required for some programs and colleges. This requirement may be waived by the Executive Director of Admissions and the dean of the college concerned if the applicant can provide evidence of competence in English that will clearly justify a waiver. Waivers may be justified based on standardized scores (ACT, SAT, AP, IB) or GCSE/IGCSE examination results on a case-by-case basis.

Undergraduate Applications and Credentials Deadlines

Students must apply online prior to the deadlines listed on the Office of Admissions website. Applications and credentials must be postmarked by this deadline to guarantee an admission review.

Some upper-division and health sciences programs have special deadline dates that may be earlier. Refer to the Office of Admissions website or the undergraduate application for current dates.

First Year Applicant

A first year applicant is either:

1. one who applies for admission while attending high school, regardless of the amount of college credit earned or
2. one who has graduated from high school but has never attended a college or university post high school graduation.

First Year Applicant Admission Requirements

Transfer Applicant

A transfer applicant is one who:

1. has completed any amount of college credit after high school graduation and

2. does not meet the definition of a first year applicant or a readmission applicant.

Some curricula require additional semester hours and/or the completion of specific core courses. For specific requirements in each curriculum, consult the admissions website.

Transfer Student Admission Requirements

Interim Policy on Acceptance of Transfer Credit for Undergraduate Admission

Statement of Policy

Transfer work is evaluated for admission purposes and considered for credit. The university may consider transfer work for evaluation completed at institutions accredited by an institutional accrediting agency (formerly known as “regional accreditor”) recognized by the U.S. Department of Education, or an accrediting organization recognized by the Council for Higher Education Accreditation (CHEA), including institutions under candidacy status. Foreign institutions must be recognized by the ministry of education in the home country or an equivalent government authority. To be eligible for admission and credit, transfer work must be similar in nature, level, and content to courses in the undergraduate curriculum and/or applicable to an undergraduate academic program. Other transfer work that is deemed nontransferable (such as continuing education courses, graduate-level courses, and courses that are remedial, technical, vocational, or doctrinal in nature as determined by the campus) are not used in admission decisions regardless of the institution's accreditation.

Procedures

Credit for transfer courses is either applied as direct equivalents with university courses or applied to a degree in a manner determined by the department and college. Determining how transfer credit is applied varies by campus depending on the process established to implement university policy.

The precise amount of transfer credit awarded and that is applicable toward a particular degree is determined by or in consultation with the university college and department concerned.

Note: "Transfer work" and "transfer courses" are used interchangeably in this policy. Regardless of the term, this policy applies to transfer work not in the form of courses, such as credit for military service and credit earned through testing and experiential learning. Transfer work not in the form of courses is evaluated for transfer per the terms of this policy. This policy is effective July 1, 2020.

Illinois Articulation Initiative

The Illinois Articulation Initiative (IAI) is a statewide agreement between participating Illinois institutions that allows transfer of the completed IAI General Education Core Curriculum (GECC), and transfer of up to four core courses in each of the Illinois Articulation Initiative majors as direct course equivalents toward the requirements of the major, provided the public institution has equivalent majors and courses. If the receiving institution does not offer the major course or does not offer it at the lower-division level, the student shall receive elective lower-division major credit toward the requirements and may be required to take the course at the upper-division level.

Successful completion of the GECC at any participating college or university in Illinois assures students that university general education requirements for the baccalaureate degree have been satisfied and they are not required to take additional lower-division university general education program courses. The University of Illinois Chicago (UIC) is a participating university. At UIC, students attain junior standing upon the completion of 60 credit hours. Completion of an Associate of Arts or Associate of Science degree typically requires an earned credit total beyond 60 hours. Please note that some test credit may not be transferable to UIC.

IAI policies, including GECC requirements, course codes and course descriptions, are presented on the IAI website and UIC’s implementation requirements are published below. Students who transfer out of UIC will be held to the requirements of their transfer institution.

Eligibility

- Only transfer students entering UIC for the first time are eligible for IAI consideration. IAI policies do not apply to students who are readmitted to UIC or students who take courses elsewhere after enrolling at UIC.
- New transfer students who enter UIC with the GECC completed will be considered to have completed UIC’s General Education program requirements as defined in the General Education (p. 86) section of the catalog and are not required to take additional lower-division UIC General Education Program courses. However, additional General Education requirements that have been approved for specific UIC colleges may still be required.
- New transfer students with 30 hours of accepted transfer work who have not completed the GECC are encouraged to meet with a college advisor to discuss degree programs of interest, required prerequisite courses, and review options for completing General Education requirements. Depending on the number of remaining courses required, a student may be allowed the option of completing either UIC’s General Education program or the GECC.

Note: The GECC option is made available only when completion of the GECC requirements calls for at least two fewer courses than would be needed to complete UIC’s General Education requirements.

For students who complete the GECC prior to UIC enrollment
New transfer students who enter UIC with the GECC completed must meet with a college advisor to ensure that UIC General Education requirements are marked as fulfilled in the university’s degree audit system. To assist with first-semester course selection at UIC, students should bring a copy of a community college or participating Illinois university transcript that includes a statement showing completion of the IAI GECC to the Transfer Orientation Program.

For students eligible to complete the GECC at UIC

- All accepted transfer courses completed prior to enrollment at UIC that are identified on the IAI website with a corresponding GECC course code will be used to satisfy GECC requirements.
- GECC may be completed by enrolling in approved IAI courses at UIC.
- UIC policies on Credit by Examination (ACT/SAT, AP, IB, and CLEP) in the Academic Standing (p. 71) section of the catalog will be used to determine credit used to satisfy GECC requirements. UIC will not award transfer course credit based on another institution’s evaluation of test results.
- If a student satisfactorily fulfills the course requirements of a GECC area but earns fewer hours than required, the remaining hours for that area may be waived by the college dean. However, students must complete a minimum of 12 courses, a minimum of 37 hours,

and the minimum number of courses required in each area of the GECC.

- Transfer credit from a nonparticipating IAI institution is not acceptable to meet GECC requirements.

UIC's GECC Courses

The GECC package requirements are 12 to 13 courses (37-42 hours of credit) within five categories. UIC courses currently approved for the GECC are listed below by category and can also be found on the IAI website.

Communication

UIC Course	IAI Code
ENGL 160	C1900
ENGL 161	C1901R
COMM 100	C2900

Math

UIC Course	IAI Code
MATH 180	M1900-1
MATH 181	M1900-2
MATH 210	M1900-3
MATH 165	M1900-B
MATH 141	M1903

Physical and Life Sciences

UIC Course	IAI Code
BIOS 104	L1906L
BIOS 110	L1910L
BIOS 120	L1910L
CHEM 122/CHEM 123	P1902L
CHEM 100	P1903L
PHYS 112	P1906L
PHYS 141	P2900L

Humanities and Fine Arts

UIC Course	IAI Code
MUS 100	F1900
AH 100	F2900
ARAB 104	H1900
CHIN 104	H1900
FR 104	H1900
GER 104	H1900
GKM 104	H1900
ITAL 104	H1900
JPN 104	H1900
LAT 104	H1900
LITH 104	H1900
POL 104	H1900
RUSS 104	H1900
SPAN 104	H1900
SPAN 114	H1900
HIST 100	H2901
HIST 101	H2902
HIST 103	H2904
HIST 104	H2905
ENGL 101	H3900
ENGL 105	H3901
ENGL 104	H3902
ENGL 103	H3903
ENGL 213	H3905
GER 100	H3909
LITH 115	H3909
POL 120	H3909
POL 130	H3909
POL 140	H3909
RUSS 115	H3909
RUSS 116	H3909
RUSS 120	H3909
RUSS 130	H3909
THTR 140	H3909
ENGL 264	H3910D
ENGL 269	H3910D
ENGL 245	H3911D
ENGL 247	H3911D
GWS 245	H3911D
GWS 247	H3911D
PHIL 100	H4900
PHIL 103	H4904
LALS 102	HF906D

Social and Behavioral Sciences

UIC Course	IAI Code
ANTH 100	S1900N
ANTH 101	S1901N
ANTH 105	S1902
ANTH 102	S1903
ECON 121	S3901
ECON 120	S3902
GEOG 161	S4903N
POLS 101	S5900
POLS 184	S5904
POLS 130	S5905
PSCH 100	S6900
SOC 100	27900
SOC 105	S7901

Intercampus Transfer Applicant

Undergraduate intercampus transfers among the University of Illinois Chicago, Springfield, and Urbana-Champaign may be admitted to another campus provided:

1. they meet the requirements of the program,
2. there is space available in the program, and
3. they submit the application and credentials by the application deadline.

Students who are currently enrolled and who are applying to one of the other campuses for the immediately succeeding semester do not pay an application fee. “Immediately succeeding semester” may mean either the spring semester if the applicant completed the fall semester at the other campus, or it may mean the summer or fall term, provided the applicant completed the spring semester at the other campus.

Readmission Applicant

Readmission applicants are former UIC students who were registered as degree-seeking undergraduates and who left the university for two or more semesters in succession (summer session excluded). Readmission applicants are considered for readmission on the basis of their status at the time they left the university, any college work they have completed elsewhere since their last attendance at the university, and the availability of space in the chosen program. Degree-seeking readmission applicants do not pay the application fee.

Readmission Requirements

Nondegree Applicant

Students who do not presently wish to enroll in a degree program at UIC, but who wish to take courses for credit may apply for nondegree status. During the fall and spring semesters, acceptance of a student in nondegree status is at the discretion of the dean of the college to which the student is applying. Nondegree applicants for fall and spring semesters must meet all regular admission requirements and submit a nondegree petition before being approved to apply. A complete application is then required for review.

Nondegree Admission Requirements

Summer Session Applicant

A student who wishes to take undergraduate courses at UIC during the summer only and who does not intend to continue at UIC in the fall may apply as a Summer Session student. Typical Summer Session students include students enrolled in degree programs at other colleges or universities who are in the Chicago area for the summer. Individuals who have already completed undergraduate degrees but need to take undergraduate-level courses to fill deficiencies in preparation for advanced study may also apply as Summer Session students.

Summer Session Requirements

International Applicant

An international applicant is a person who is a citizen or permanent resident of a country or political area other than the United States and who has a residence outside the United States to which he or she expects to return, and either is, or proposes to be, temporarily in the United States for educational purposes.

The university is authorized under federal law to enroll academically qualified nonimmigrant students.

International students who will need to apply for F-1 or J-1 immigration status must register as full-time, degree-seeking students and are not eligible for financial aid.

International Application Requirements

Guaranteed Professional Program Admissions

The Guaranteed Professional Program Admissions (GPPA) is one of UIC’s programs for academically talented students. Each fall, up to 150 motivated and highly qualified entering freshmen can be admitted to UIC with admission guaranteed to one of the following professional or graduate programs if undergraduate course and performance criteria are met:

- Applied Health Sciences
  - Biomedical Visualization
  - Health Information Management
  - Nutrition
  - Kinesiology
  - Occupational Therapy
  - Physical Therapy
- Business
  - Accounting
  - Business Analytics
  - Management Information Systems
- Dentistry
- Education
- Engineering
  - Biomedical Engineering
  - Chemical Engineering
  - Civil Engineering
  - Computer Science
  - Electrical and Computer Engineering
  - Industrial Engineering
  - Materials Engineering
  - Mechanical Engineering
- Law
- Medicine
- Pharmacy
- Public Health
- Urban Planning and Public Affairs
  - Civic Analytics
  - Public Administration
  - Public Policy
  - Urban Planning and Policy

To request more information, consult the GPPA website. Application and program information questions can be directed to (312) 355-2477 or gppauic@uic.edu.

Honors College

The UIC Honors College enhances opportunities for intellectual challenge and leadership by fostering a community of academic excellence, connecting outstanding undergraduate students with premier faculty mentors, and promoting scholarly engagement. By bringing together exceptional undergraduate students, faculty, and staff, the Honors College provides an environment for advanced intellectual growth and a foundation for life-long learning.

First year applicants, transfer students, or currently enrolled UIC students may apply to the Honors College. Honors College students may pursue any undergraduate major.

For specific instructions on how to apply please consult the Honors College website.

Financial Aid

Mailing Address:
Office of Student Financial Aid and Scholarships (MC 334)
1200 West Harrison Street
Chicago, Illinois 60607-7163

Contact Information:
Campus Location: 1800 Student Services Building (SSB)
(312) 996-3126
money@uic.edu
www.financialaid.uic.edu

The Office of Student Financial Aid and Scholarships (SFAS) is committed to assisting students and their families in managing the cost of attending UIC. Comprehensive information about the financial aid process—including eligibility requirements, application procedures, and the various types of aid available—can be found on the SFAS website.

To be considered for financial aid, students must submit the Free Application for Federal Student Aid (FAFSA) or the Alternative Application for Illinois Financial Aid (RISE) every year. UIC offers different types of financial aid to students from various sources. Students may receive gift assistance (like grants, scholarships, and waivers) as well as self-help (like loans and Federal Work Study Employment) from federal, state, institutional, and private sources.

Grants and Scholarships

Grants are a type of financial aid awarded to students who demonstrate financial need and do not need to be repaid. They may be provided by federal, state, institutional, or private sources.

Scholarships are another form of gift aid that also does not require repayment. These awards are typically based on academic achievement, participation in extracurricular activities, or other specific eligibility criteria.

For more information about available grants and state or institutional scholarships, please visit the SFAS website.

Loans and Student Employment

Students eligible to complete a FAFSA will be considered for Federal Direct Stafford Loans. These loans, including Parent PLUS loans (for undergraduates only), enable students and parents to borrow from the federal government. To be eligible for loans during the school year, undergraduate students must be enrolled for at least six hours, while graduate and professional students must be registered for at least five hours. For students who have demonstrated financial need, the Federal Work-Study Program provides funding for on-campus part-time jobs. This allows them to earn money to help pay for education expenses. The maximum awards available vary from year to year based on funding. Students can find more details about loans and student employment on the SFAS website.

Satisfactory Academic Progress Policy (SAP) for Financial Aid

Federal and state regulations mandate that students receiving financial aid must maintain Satisfactory Academic Progress (SAP) toward a recognized degree or certificate. This requirement applies to all undergraduate and graduate students who receive most types of federal, state, and institutional financial aid the university administers. The SFAS website lists all the necessary SAP requirements.

Withdrawal Policy

There are two types of withdrawals: official and unofficial.

- The Office of Registrar determines the official withdrawal date based on when students drop all their classes or notify a university official of their intent to withdraw. For module courses, if a student drops all future or current modules after completing a module, the withdrawal date is the last date of academic participation in that module.
- Unofficial withdrawals are students who failed all of their classes per the grades reported at the end of each semester. UIC's F or U grade policy requires that all F and U grades be reported by the professor with the last date of attendance.

Return to Title IV

The "Return to Title IV" calculation has several steps. Below is the pertinent information involved in the calculation.

- Financial aid is disbursed at the beginning of the semester under the assumption that the student will complete the entire term. When a student withdraws, the school determines the amount of Title IV financial aid the student is eligible to keep based on their withdrawal date. If the student's aid has not yet been disbursed at the time of withdrawal, they may be eligible for a post-withdrawal disbursement.
- The school reviews the number of days a student attended versus the total days of the semester. Breaks of five or more days during the semester are removed from the total days of the semester. The calculation is represented as a percentage of aid the student has earned.
- The school multiplies the percentage of aid earned by the total amount of disbursed aid and aid that could have disbursed. This is the amount of aid the student has earned.
- The school takes the amount of aid the student has earned and subtracts it from the total aid disbursed to the student. This is the amount of aid the student has not earned.
- The school determines the amount of institutional charges that have been applied to the student's account. This amount is multiplied by the percentage of aid earned. This is the amount of unearned institutional charges.
- The school reviews the amount of unearned aid versus the amount of unearned institutional charges within 30 days from the date the school determined the student withdrew (officially and unofficially). The lesser of the numbers is the amount of aid that is returned. The school has 45 days from the date the school determined the student withdrew (officially and unofficially) to return this amount. The least desirable aid is returned first, in ascending order of desirability, as follows:

    1. Federal Direct Unsubsidized Loan
    2. Federal Direct Subsidized Loan
    3. Federal Direct PLUS Loan

4. Federal Pell Grant
5. Federal Supplemental Educational Opportunity Grant (FSEOG)
6. Federal TEACH Grant
7. Iraq and Afghanistan Service Grant
8. Other Federal, State, Private, or Institutional Aid

If the R2T4 calculation results in a credit balance on the student's account, it will be disbursed as soon as possible and no later than 14 days after the calculation of the R2T4.

If a student did not receive all of the Title IV funds they earned before withdrawing, they may be eligible for a post-withdrawal disbursement.

If the post-withdrawal disbursement includes loan funds, the school is required to obtain the student's permission before disbursing those funds. The school must offer the loan funds within 30 days of determining the student's withdrawal and allow the student at least 14 days to respond. Once permission is received, the school must make the loan disbursement within 180 days of the withdrawal determination. Students may choose to decline some or all of the loan funds to avoid incurring additional debt.

The school may use all or part of a post-withdrawal disbursement of grant funds to cover outstanding charges for tuition, fees, and room and board. For any other school charges, the school must obtain the student's permission to apply those grant funds. If the student does not grant permission, the school must offer the funds directly to the student. Post-withdrawal disbursements of grant funds must be made within 45 days of the school's determination that the student withdrew.

Please note that some Title IV funds may not be eligible for disbursement after withdrawal due to other federal eligibility requirements.

If a student needs to withdraw from all of their classes, they are encouraged to speak to a financial aid advisor before doing so to determine how it may affect their financial aid and their Satisfactory Academic Progress

Registering and Enrolling in Courses

Registration and Enrollment Information and Policies

Accessing and Using my.UIC

UIC's comprehensive online resource for students is called my.UIC and can be found at https://my.UIC.edu. Students can use my.UIC to access important information and complete many essential tasks related to being a student at UIC. For example, students can use my.UIC to access XE Registration to register for courses, view their course schedule or degree audit, and update personal information. Students should see the First Time Portal Users section of my.UIC for information on establishing the necessary User IDs (netid and EnterpriseID) for access.

Email Is the Official Method of Campus Communication

All students are responsible for maintaining a valid university email address and/or forwarding university emails to their preferred non-university email address. If students choose to forward emails or change their service, they are still responsible for this information. [OFFICIAL] campus announcements will be sent out via mass email to students for all official information students must be aware of. Colleges and/or departments maintain separate email listservs, which may be used to convey specific information to their own students.

Crucial messages, such as the availability of students' tuition E-Bill or registration Time Ticket, will be sent directly to their UIC email account. Students can create an email account after activating the Network ID (netid) that was assigned to them upon admission. For additional information on creating a UIC email account or forwarding UIC email, visit the Technology Solutions web page.

Before Registering for the First Time

Newly admitted students have a number of steps to complete prior to enrolling. Visit the Office of Admissions website to learn more about enrollment steps. These steps typically include the following items:

- Taking the necessary placement tests. Visit the Testing Services website for more information about placement testing for first year and transfer students.
- Participating in New Student Orientation and discussing course selection with an academic advisor. Visit the New Student Orientation website for more information.

Initial Academic Advising and New Student Orientation

Students who have been granted admission for the fall semester are invited (after taking placement tests) by their college to orientation and advising on campus during the summer months. At that time they are advised by representatives of their college who assist them in selecting courses for the fall semester.

Students admitted for the spring semester will receive academic advising as part of a spring orientation day. Due to course availability, transfer students are advised to register for classes as early as possible, prior to their orientation/advising dates.

Registering for Courses

The Office of the Registrar is responsible for handling course registration and official academic records, called transcripts.

Students register for classes through XE Registration, found at my.UIC, and may consult the Office of the Registrar's website for additional information on using the system to register for courses. Please note that privileges in XE Registration may be restricted due to excessive attempts to register amounting to abuse of university computing resources.

Change of Course Schedule—Dropping Courses

The course self-drop deadline (using my.UIC) is the second Friday of fall and spring for Part of Term 1, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2.

Starting with the third week and ending with the tenth week of the term (third Wednesday of Summer Session 1 and weeks 2 through 5 for Summer Session 2), undergraduate students may drop individual courses in their college offices, up to the maximum permitted limit of four over the course of their undergraduate degree programs. Undergraduate and graduate students who drop during this time period will receive a W grade on their academic records. **There is no refund for course drops made**

after the second Friday of fall and spring, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2.

International students in F-1 or J-1 status are required to be registered full time (12 semester hours) every semester. International students who wish to register for less than 12 semester hours should speak with an advisor in the Office of International Services (OIS) prior to dropping courses or under-enrolling. In order to maintain immigration status, permission must be granted by OIS in advance of dropping below full time. OIS is located in 2160 Student Services Building (SSB) and may be contacted at (312) 996-3121 or ois@uic.edu.

Students should consult their college section of the catalog for information on how to drop courses with permission of the college.

Change of College or Degree Program for Current Students

Any continuing student who wishes to transfer from one college or major to another within the university shall do the following:

1. Initiate a request for change of college, major, or curriculum by contacting the appropriate college office for approval, in accordance with college deadlines. For intercollege transfers, contact the college to which transfer is sought. For change of major/curriculum within a college, contact the college in which currently enrolled.
2. The college will evaluate the request and notify the student regarding acceptance. Certain colleges may require a supplementary application process. Approved changes will be processed in the college office. After the start of Advance Registration, approved changes will be forwarded to the Office of the Registrar for processing. **Note:** Any changes received after classes have begun will be effective for the next academic term.
3. Any student who has been inactive for two consecutive semesters and thereby has lost continuing status must request a change of college or major as part of an application for readmission.

Course Numbering

001–099

Courses numbered 001–099 do not carry academic credit but meet special program requirements. These courses carry semester hours that do not count toward the total hours required for graduation, but do count in the calculation of tuition and toward full- or part-time enrollment status and financial aid eligibility. Grades for these courses are not calculated in the grade point average.

100–199

Courses numbered 100–199 are open to all undergraduate students. These are introductory courses generally appropriate for the first-year college student.

200–299

Courses numbered 200–299 are intended for sophomores, juniors, and seniors who have completed the 100-level prerequisites.

300–399

Courses numbered 300–399 are generally intended for juniors and seniors. Sophomores may register for them if they have completed 200-level prerequisites.

400–499

Courses numbered 400–499 are intended for advanced undergraduate and graduate students. Students will note that some 400-level courses listed in the catalog and *Schedule of Classes* have sections (CRNs) with differential credit (i.e., one CRN is offered for 3 semester hours for undergraduate students and one CRN is offered for 4 semester hours for graduate students). Undergraduate students who enroll in a 400-level course should enroll in the designated, lower-credit-level CRN. Graduate students should enroll in the designated, higher-credit-level CRN.

Course Prerequisites

Prerequisites, if any, are included in the course description. Students are responsible for completing all prerequisites prior to enrolling in a course. For some courses, the student registration system will prevent students from registering if prerequisites have not been completed. Regardless of whether or not the registration system prevents a student from enrolling in a course, the university will not be responsible for a student's failure to adhere to those prerequisites.

Illinois Articulation Initiative (IAI Code)

The Illinois Articulation Initiative (IAI) is a statewide transfer agreement among more than 100 public and private four-year and two-year higher education institutions in Illinois. The agreement is designed to facilitate students transferring between colleges and universities and works best for students who are undecided on the transfer-to institution that will grant their baccalaureate degree. For more information on IAI Codes visit the Illinois Transfer Portal Page.

Eligibility to Register: University Policy on Continuing Student Status

For the purpose of determining eligibility to register, continuing students are defined as students whose enrollment at UIC has not been interrupted for two or more semesters in succession (summer session excluded). Students who lose continuing status are considered "former students." Should they wish to reenroll after having lost continuing status, reapplication and readmission to the university are required.

International students must contact the Office of International Services if they do not intend to enroll for any term.

1. Currently enrolled students are eligible to register and should receive online Time Tickets (or appointments) for advance registration.
2. Students who are continuing but not currently enrolled are eligible to register beginning with the open registration period.
3. Readmitted students will receive registration information along with their notices of readmission.
4. When any one of the following conditions is present, a student is not eligible to register:
   a. Loss of continuing status (i.e., nonattendance for two or more semesters in succession, excluding students on approved leave of absence).
   b. Dismissed by the student's college or the university for poor scholarship or disciplinary reasons.
   c. Financial indebtedness to the university.
   d. Failure to satisfy the requirements of the Illinois Proof of Immunity Law.
   e. Any other academic or administrative hold that precludes registration.

Special Enrollment Categories—Visitors/ Auditors

Enrolled students, faculty, or staff wishing to attend meetings of a course without earning academic credit may register as auditors at no additional cost.

Persons not affiliated with UIC as enrolled students, faculty, or staff must apply to the university as a nondegree student and pay the applicable tuition and fees in order to audit a course.

Because the courses offered by the University of Illinois Chicago are intended for students registering for academic credit, attending class as an auditor is a privilege granted only when certain requirements and conditions are met.

Courses taken for audit do not apply toward any academic degree and do not count as part of a student's full-time or part-time course load for purposes of financial aid, loan deferments, athletic eligibility, or fulfillment of the enrollment residence requirement.

Requirements and Conditions:

- Attending class as an auditor is permitted on a space-available basis on or after the first day of instruction.
- Audit registration requires the approval of the course instructor and college, and must be completed no later than the last day of late registration.
- Registration for an audited course will appear on the transcript with a grade of AU.
- Students who audit a course do not have the privilege of participating in the course activities in any way.
- The instructor or college may refuse to permit an audit registration in a course.
- Not all courses may be audited. Each college/department may designate courses that do not accept auditors.
- Individual college policies, in some cases, may prohibit a student from enrolling for credit after a course has already been taken on an audit basis.
- A student does not receive academic credit for an audited course and is not eligible to take a proficiency examination based on the content of the audited course.
- A person who is auditing and wishes to take the course for credit must change the registration by the end of the late registration period.
- Degree-seeking students considering the audit option should discuss it with their academic advisors to determine if it is the best choice, or if another grading option, such as credit/no credit, may be more appropriate.

Procedure:

Students planning to audit a course must complete the following procedure:

- The opportunity to audit is allowed for degree-seeking students and UIC faculty and staff. Those outside of UIC must first gain admission as a nondegree student before requesting to audit a class.
- A registration audit request may not be completed until the first day of classes.
- Persons who wish to audit must obtain a Visitor's Permit form from the Office of the Registrar during the Late Registration/Add-Drop period. They must secure the written approval of the course instructor and the college offering the course, submit the approved Visitor's Permit to the Office of the Registrar no later than the second Friday of fall and spring semester (please check the Office of the Registrar website for the summer session deadlines). Note that applicable tuition and fees apply for audited coursework. If solely taking classes as an auditor, full fees and applicable tuition are applied.
- An audited course will be indicated on a student's academic record with a grade of AU. Faculty and staff who wish to have a grade of AU reflected on an academic record must be admitted as a student.

Transcripts

Students may request copies of their official transcripts from the Office of the Registrar. Students who have been admitted to the university pending the receipt of credentials are not eligible to receive transcripts until these obligations are cleared. For mailed-in requests, students should allow at least two weeks from the date of their request for their transcripts to be processed. Online requests are typically mailed or ready for pickup the next business day. There is a charge for each transcript.

Withdrawal from the University

Withdrawal from the university is governed by specific regulations that must be observed to protect the student's academic standing. Failure to do so results in a grade of F (failure) in each course in which the student is registered. During the online drop/add period for each term, students may withdraw using Student Self-Service. See online withdrawal instructions. After the online drop/add period, undergraduate students should initiate an official withdrawal on the Office of the Registrar's website.

Students who withdraw from all courses for which they are enrolled are considered withdrawn from the university. Students who withdraw from the university are eligible to register for a subsequent term unless they lose their continuing student status. Students lose their continuing student status when they have not attended UIC for two or more semesters in succession (excluding summer session or an approved leave of absence). Students whose enrollment has been interrupted for two or more semesters in succession must submit an application for readmission to the university.

A student who has been charged with an offense that may result in disciplinary action may not officially withdraw from the university until the hearing of the case has been conducted by the appropriate disciplinary committee.

Withdrawal to Enter U.S. Military Service

Policies and Procedures Regarding Undergraduate Students Leaving for and Returning from Military Service

Students who have been called to military service or who anticipate being called are entitled to certain rights as defined by the University Senate and outlined below. Students withdrawing for military service can do so quickly and easily and will know what steps are required to reenroll at the end of their deployment. Students begin the process of withdrawing from or returning to UIC with the two offices described below that have designated staff to work with students leaving for military service and returning veterans.

Office of the Registrar
Student Services Building, Room 1200
1200 West Harrison Street
(312) 996-8600

The Veteran's Registration Coordinator in the Office of the Registrar coordinates the formal withdrawal from the university and classes, tuition and fee refunds, and health insurance options; coordinates with academic departments on issues of grades and graduation; and activates a student's enrollment upon return to the university. All students withdrawing from or returning to UIC from military service must meet with the Veteran's Registration Coordinator. Students should bring their activation orders or other official notification with them to their appointment.

Student Veterans Affairs
Office of the Dean of Students
Student Services Building, Room 3030
1200 West Harrison Street
(312) 996-4857

Student Veterans Affairs housed within the Office of the Dean of Students assists veterans receiving educational benefits from the Department of Veterans Affairs. All students receiving benefits at the time of deployment must meet with the Associate Director of Student Veterans Affairs prior to deploying. The Associate Director can provide counseling and assistance with the application of federal or state veteran benefits.

Undergraduate Students Withdrawing from UIC to Enter U.S. Military Service

1. Are entitled to withdraw without penalty and without academic credit, and receive a full refund of tuition and fees.
   OR
2. If withdrawal for deployment occurs upon completion of the 12th week of the semester, undergraduate students are entitled without examination to receive full credit for each course in which they attained a standing of C or better at the time of withdrawal. Students will receive the grade attained in each course at the time of withdrawal. Grades reported below C are recorded as W (withdrawn). Students using this option are not eligible for a full refund of tuition and fees. Nursing students and other students in majors that have licensing, credentialing, or accreditation requirements are not eligible for this option.
3. Policy Governing Graduating Seniors: A student in his/her last semester of study leading to graduation, who qualifies for full credit upon completion of the twelfth week, or later, of the final semester, may be recommended for the degree at the discretion of the student's college and major department provided that the following conditions are met:
   a. The student has been in residence at UIC for at least two full semesters (not including the term of withdrawal);
   b. The student has met all requirements for graduation (including minimum scholarship requirements), except for those requirements that the student would fulfill by completing the courses for which he/she is registered at the time of withdrawal during the last term.
   A senior in good standing who withdraws from the university at any time to enter military service as a result of state or national emergency, and who does so enter within ten instructional days and who lacks no more than one-sixteenth of the total semester hours required for the degree, may, at the discretion of the student's college and on approval of the major department concerned, be recommended for such degree. No such student who has acquired hours under the twelfth weeks rule adopted by the Senate, however, shall be considered eligible for this privilege.
   A "senior in good standing" is meant as one whose progress during university registration has been satisfactory to the administrators of the student's college. Among grounds for dissatisfaction might be negligence in meeting requirements or scholastic deficiencies.
   "At any time" shall be interpreted to mean "during any semester in residence or the interim between semesters." It is not intended for students who, after these rules are operative, stay out of college for any semester, and who thus do not make continuous progress to their degrees.
4. Campus housing residents are entitled a prorated refund of room and board charges.

Undergraduate Students Returning to UIC after U.S. Military Service

1. Returning students must meet with the Veteran's Registration Coordinator in the Office of the Registrar and the Veteran's Affairs Office Coordinator within the Office of Student Financial Aid.
2. Undergraduate students who have attended classes and withdraw from the university to enter military service are entitled to a leave of absence for a period of up to five years, and may return to the university without having to apply for readmission. Withdrawal for military service stops the clock for Illinois residents with a four-year-tuition guarantee. Returning veterans will continue paying their four-year guaranteed tuition rate until they have reached a maximum of four years at the guaranteed tuition rate.
3. Students admitted to UIC as first time students, who did not attend any classes before deployment, are entitled to defer their admission for up to 24 months after their return from military service and may return to the university without having to apply for readmission.
4. All students returning from military service will have priority registration. A returning veteran must check in with the Veteran's Registration Coordinator in the Office of the Registrar in order to be granted priority registration.
5. All students returning from military service will have priority for on-campus housing, including the option of temporary campus housing while making a decision about where to live.

(Military withdrawal and reentry policies updated 8/14/08 by VPAES.)

Additional Policies Affecting Registration and Enrollment

Admission or Readmission Denied Because of Misconduct

The university reserves the right either to deny admission or readmission to any person because of previous misconduct that may substantially affect the interest of the university, or to admit or readmit such a person on an appropriate disciplinary status. The admission or readmission of such a person will not be approved or denied until his or her case has been heard by the appropriate disciplinary committee. This applies to persons not now enrolled in the university who might apply for admission or readmission. A favorable action of the appropriate disciplinary committee does not abrogate the right of any dean or director to deny admission or readmission on the basis of scholarship.

Falsification of Documents

Any student who for purposes of fraud or misrepresentation, falsifies, forges, defaces, alters, or mutilates in any manner an official university document or representation thereof may be subject to discipline.

Some examples of official documents are identification cards, student schedules, medical and immunization records, grade reports, receipts, transcripts, library documents, and petitions for change in state residence status.

Any applicant who knowingly withholds information or gives false information on an application for admission or readmission may become ineligible for admission to the university or may be subject to discipline.

Medical Immunization Requirements

The Illinois Department of Public Health mandates that all students born on or after January 1, 1957, entering a postsecondary institution are required to present documented proof of immunity against measles, mumps, rubella, tetanus and diphtheria and meningitis as a prerequisite to registration. The Medical Immunization Form can be found on the Office of the Registrar's website. In addition, students may request that their Illinois high school health record, the Certificate of Health Examination, be forwarded to the university at the time that the high school transmits the official high school academic record.

Those students who are not properly immunized and have not submitted a written statement of medical, religious, or philosophical objection exemption are required to undergo immunization within the first term of enrollment. Failure to provide the required proof of immunity shall prevent a student from enrolling in a subsequent term. Students registering for on-campus course(s) (includes previous terms) and are registered for more than 5 semester hours (includes previous terms) are required to fulfill immunization requirements. Prior to registering for on-campus courses or for more than five credit hours, students must submit the required proof of immunity which can be found online at the Office of the Registrar's website.

Questions pertaining to acceptable proof of immunity may be directed to the Office of Medical Immunization Records, Student Services Building or (312) 413-0464. The mailing address is

Office of Medical Immunization Records
Student Services Building
1200 West Harrison Street, Suite 1200
Chicago, Illinois 60607

Social Security Number (Student Identification Number)

In accordance with the Privacy Act of 1974, applicants for admission and enrolled students are advised that the requested disclosure of the social security number is voluntary. The applicant or student has the right to refuse disclosure of this number or request its removal from records without penalty. If no social security number is entered or submitted as part of the application process, then a special 9-digit Temporary Control Number (TCN) is assigned.

The social security number is needed to help identify student financial records. It is required as an identifier for grants, loans, and other financial aid programs. It may also be needed to verify the accuracy of admission-related records and permanent academic records. Social Security Numbers not supplied in the application process but later submitted as part of the Free Application for Federal Student Aid will become part of the student record.

Any inaccuracies in social security number (or assigned student number) should be reported immediately to the Office of the Registrar.

The social security number will not be disclosed to individuals or agencies outside the University of Illinois except in accordance with the UIC Student Records Policy and applicable law.

Use of Animals in Instruction

The University of Illinois Chicago offers certain courses in which live, euthanized, or preserved vertebrate animals are used as part of course requirements. Such courses are identified in the Schedule of Classes with the note “Animals used in instruction.”

Students who have ethical concerns about the use of animals in teaching have the responsibility to contact the instructor, prior to enrollment in any course in which animals may be used as part of course instruction, to determine whether class exercises involving animals are optional or required, and what alternatives, if any, are available. If no alternatives are available, the refusal to participate in required activities involving animals may result in a failing grade in the course.

Rights under the Family Educational Rights and Privacy Act

Annually, the University of Illinois Chicago informs students of the Family Educational Rights and Privacy Act (FERPA). FERPA affords students certain rights with respect to their education records. They are as follows:

1. The right to inspect and review the student’s education records within 45 days of the day the university receives a request for access. Students should submit to the Office of the Registrar, dean, department head, or other appropriate records custodian, written requests that identify the record(s) they wish to inspect. The university official will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the university official to whom the request was submitted, that official will advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student’s education records that the student believes are inaccurate or misleading. Students may ask the university to amend a record that they believe is inaccurate or misleading. They should write to the university official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading. If the university decides not to amend the record as requested by the student, the university will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.
3. The right to consent to disclosures of personally identifiable information contained in the student’s education records, except to the extent that FERPA authorizes disclosure without consent. One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the university in an administrative, supervisory, academic, research, or support staff position (including law enforcement personnel and health staff); a person or company with whom the university has contracted (such as an attorney, auditor, or collection agent); a person serving on the University of Illinois Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility.
Upon request, the University of Illinois Chicago will disclose education records without consent to officials of another school in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University of Illinois Chicago to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA is:

Family Policy Compliance Office
U.S. Department of Education
400 Maryland Avenue, S.W.
Washington, D.C. 20202-4605

Directory Information

FERPA prohibits access by non-university personnel to information about individual students without the student's written authorization, except that which is considered public information. The University of Illinois Chicago hereby designates the following as public or "directory information." Such information may be disclosed by the university for any purpose, at its discretion.

1. Name.
2. University Identification Number (UIN).
3. University email; and permanent city, state, and postal ZIP code.
4. Class/Level (Graduate, Undergraduate, Professional, Nondegree, Freshman, Sophomore, Junior, Senior).
5. College and Major field of study/Concentration/Minor.
6. Day and month of birth.
7. Participation in officially recognized activities and sports.
8. Weight and height if the student is an athletic team member.
9. Dates of admission/attendance.
10. Attendance site (campus, location).
11. Expected graduation date.
12. Degrees conferred, with dates.
13. Current term hours enrolled and enrollment status (full-time, part-time, not enrolled, withdrawn and date of withdrawal).
14. Awards, honors and achievements (including distinguished academic performance), with dates.
15. Eligibility for membership in honoraries.
16. For students appointed as fellows, assistants, graduate, or undergraduate hourly employees, the title, appointing department, appointment date, duties and percent time of appointment.
17. Video and photographic images of students taken by the university during public events, with the exception of the official UIC identification photograph.

To examine his or her record, the student must submit a written request to the appropriate record-keeping office. The appropriate office will comply with the request within a reasonable amount of time, not to exceed 45 days after receipt of the request.

To prevent the release of directory information, the student must obtain a request form from the Office of the Registrar no later than the tenth day of the semester (fifth day of Summer Session 2). Such requests for nondisclosure will be honored so long as the student is continuously enrolled or unless he/she sooner revokes the request in writing.

University Card Terms and Responsibilities

Identification Card (i-card): All cardholders are required to abide by the University Card Terms and Responsibilities. Students are responsible for abiding by card terms and responsibilities.

I understand that:

- A University of Illinois System identification card ("ID") is University of Illinois System ("System") property. This ID is issued to help identify its valid holder, and it must be presented upon request.
- A University of Illinois System ID is nontransferable and does not obligate the System in any way.
- My ID is valid only while I am a registered student, active employee or affiliate, or retiree, or until that ID is expired or revoked. An invalid ID may be confiscated.
- I am allowed only one ID at a time, and only the most recent, unexpired one issued to me is valid. Presenting an ID that is not my most recent may result in that ID being confiscated.
- Altering an ID or intentionally damaging it invalidates it and may result in it being confiscated.
- Using another person's ID or letting another person use mine may result in disciplinary action and/or confiscation of that ID.
- I should return my ID to an ID Center when I leave the University of Illinois System; I must return it upon request.
- ID data, including but not limited to the University Identification Number (UIN), card number, and photo, may be used for University of Illinois System purposes.
- If I link my ID to an account with any external service (such as banking), I am releasing my UIN to that provider.
- If my ID is lost or stolen, I am responsible for immediately deactivating it by contacting my university's ID Center or police. Until I deactivate my missing ID, I may be liable for its unauthorized use, including purchases.
- If my lost or stolen ID is linked to any spending or access account, I am responsible for notifying the relevant service providers.
- I am responsible for paying any replacement fee when my ID is lost, stolen, confiscated, altered, or intentionally damaged.
- By accepting possession of a University of Illinois System ID, I agree to hold harmless the University of Illinois Board of Trustees and its officers, employees, representatives, or agents, from and against any claims, damages, costs, expenses, including an amount equal to reasonable attorneys' fees, or liabilities, including for loss or damage to any property or for death or injury to any persons, arising out of or in any way connected with any incorrect or outdated phone numbers that may be listed on the ID.

Observance of Religious Holidays

1. The following policy regarding student observance of religious holidays was approved by the UIC Senate:
"The faculty of the University of Illinois Chicago shall make every effort to avoid scheduling examinations or requiring that student projects be turned in or completed on religious holidays. Students who wish to observe their religious holidays shall notify the faculty member, by the tenth day of the term, of the date when they will be absent unless the religious holiday is observed on or before the tenth

day. In such cases, the student shall notify the faculty member at least five days in advance of the date when he/she will be absent. The faculty member shall make every reasonable effort to honor the request, not penalize the student for missing the class, and if an examination or project is due during the absence, give the student an exam or assignment equivalent to the one completed by those students in attendance. If the student feels aggrieved, he or she may request remedy through the campus grievance procedure."

2. Although this policy was adopted to accommodate students' observances of religious holidays, students must take care not to abuse the policy. It would be unreasonable, for example, for a student to request a two-week absence from classes for religious purposes.
3. Information concerning specific religious holidays may be obtained from the Office of the Dean of Student Affairs or from Student Development Services.
4. Student Academic Grievance Procedures (see University Degree Requirements, Graduation, and Commencement (p. 103) section of the catalog) are applicable to students who feel aggrieved by the implementation of this policy.

Student Tuition, Fees, and Assessments

Undergraduate degree-seeking students are provided a four-year tuition guarantee. The purpose of the undergraduate guaranteed tuition program is to provide a high degree of certainty about tuition costs for students and families. The plan applies to all undergraduate students enrolled in a baccalaureate degree program on one of the three campuses of the University of Illinois. The plan treats every student as part of a cohort defined by the date of entry to the university. Each cohort is guaranteed an unchanged tuition schedule for four years. Students extending their graduation beyond four years should be prepared for a tuition increase. Please note that fees are subject to change annually. For more information on guaranteed undergraduate tuition, consult the university-wide student programs website.

Tuition, Fees, and Assessments

By registering for classes, students contract to pay tuition and fees unless they officially withdraw by the published refund deadline. Tuition and fees are assessed on registered students and are payable by the due date reflected on the online bill. The amount of tuition and fees varies by the date a student enters the university, state residence status, changes in student level, changes of program within the university, and the number of semester hours for which the student registers. Subsequent changes in the number of hours carried could result in a change from the amounts originally assessed. See the Office of Admissions website for more current and complete information on undergraduate tuition, fees, and assessments.

State Residence Classification

The state residence classification of applicant is determined on the basis of information given on the application and other credentials. See University of Illinois Residency Status Requirements for complete details on the residency status policy.

Tuition is assessed in accordance with this information. A student who has legitimate cause for change of status may submit a Petition for Determination of Residency Status along with supporting documentation to the Office of the Registrar.

Further information or clarification may be secured by contacting the Office of the Registrar:

registration@uic.edu
UIC Office of the Registrar
University of Illinois Chicago
1200 West Harrison Street, Suite 1200
Chicago, Illinois 60607

Exemptions and Assessments

A student who qualifies under the stated conditions may be exempted from one or more of the following charges. Tuition is waived for:

1. Holders of tuition-waiver scholarships.
2. All academic employees, except graduate assistants, of the university on appointment for at least 25 percent of full-time service. Such appointments require service for not less than three-fourths of the term.
   a. Tuition may be waived for the total number of semester hours taken by an academic employee. The total number of semester hours that can be taken by academic employees is determined by the employee's college.
   b. The staff members must provide service for at least three-quarters of the term in which the coursework is taken to maintain the waiver. The term is defined as beginning with the first day of class and extending through final examinations. For staff members who resign their appointments or otherwise become ineligible for a waiver, the waiver is void; the staff member is responsible for payment of the full amount of tuition unless an official withdrawal from the university is initiated immediately.
   c. Enrollment in courses will be in accordance with all university and campus rules and regulations.
   d. The academic/professional employee and his/her head or director will determine the manner in which job responsibilities are to be carried out while the employee is taking coursework.
3. Support staff employees:
   a. Support staff employees of the university in status appointments or in appointments designed to qualify for status in an established class (e.g., trainee, intern) who register in regular university courses not to exceed Range II in a semester if on full-time appointment or Range III if on 50 to 99 percent time appointment. They must also
      i. meet conditions and eligibility for admission as prescribed by the Office of the Registrar;
      ii. not be students as defined in Civil Service Rule 7.7c; and
      iii. have approval from their employing departments for enrollment and a makeup schedule to cover any time in course attendance during their regular work schedule. The waiver of tuition also applies to any additional hours of registration by employees that keep them within the same fee assessment credit range. Employees whose total registration is in a higher range than that authorized by their tuition waiver pay only the difference between the waiver authorization and the higher range in which their total registration places them.
   b. Support staff employees in a status, learner, trainee, apprentice, or provisional appointment who enroll in regular courses directly related to their university employment are included. The number of credit hours per term may not exceed Range II. Employees

must have made application and received prior approval for enrollment as required by procedures issued by the director of support staff personnel and set forth in the publication *Policy and Rules Nonacademic*.

4. Holders of graduate tuition-and-fee waivers awarded by the Graduate College.
5. Holders of outside-sponsored grants or contracts that provide payments to cover the total costs of instruction.
6. Cooperating teachers and administrators who receive assignment of practice teachers; social agency field instructors who receive assignment of social work students. Such persons who register in university courses are exempted from tuition and the service fee for one semester or summer session for each semester of service rendered. The exemption shall apply to the semester or summer session of registration, as designated by the student, that is concurrent with, or following, the term of service, but must be applied no later than one calendar year from the end of the term of service. Concurrent registration on more than one campus of the university or in university extramural courses constitutes one semester or session of eligibility for exemption.
7. Persons registered in noncredit seminars only.
8. University employees registered at the request of their departments in noncredit courses especially established to improve the work of the employee.
9. University of Illinois retirees.
10. Illinois residents, age 65 or older, whose annual household income is less than $12,000.
11. Teacher of the Year.
12. Fifty percent of tuition is waived for eligible children of eligible University of Illinois employees:
    a. An eligible employee must be a current University of Illinois employee at 50 percent time or more, eligible for employer-provided benefits, and in active status as of the first day of the academic term for which the waiver is being requested (changes in status after the first day will affect only future academic terms). In addition, the employee must have completed at least seven years of eligible employment as of the first day of the academic term, although the seven years do not have to be consecutive.
    b. An eligible child must be under 25 years of age at the beginning of any academic year (defined as the first day of instruction) in which the waiver will be effective; and must be the natural child, adopted child, child of current spouse, or under court-appointed guardianship of the eligible employee. The eligible child must qualify for admission under the same requirements, standards, and policies applicable to general admissions.
    c. The 50 percent tuition waivers under this program apply only to Board of Trustees approved undergraduate tuition rates (not fees). Waivers under this program are applicable at any campus within the University of Illinois system to which the child has been admitted.
    d. Extramural and correspondence courses are not eligible for any waiver under this program.
    e. An eligible child, who remains under the age of 25 at the beginning of any academic year, can expend a total of four years' worth of waivers as long as satisfactory progress toward graduation at the university is maintained. Each year consists of two semesters and one summer session.

The **nonresident portion of tuition** (if the enrollee is subject to payment of tuition) is waived for:

1. All staff members (academic, administrative, or permanent support staff) on appointment for at least 25 percent of full time and not less than three-quarters service for the term, or on an appointment for less than 25 percent of full time with the university. The faculties of state-supported institutions of higher education in Illinois holding appointments of at least one-quarter time.
2. The professional staff in private and public elementary and secondary schools in Illinois.
3. The spouses and dependent children of those listed in items 1 and 2. (Dependent children are those who qualify as dependents for federal income tax purposes.)
4. Persons actively serving in one of the armed forces of the United States who are stationed and present in Illinois in connection with that service.
5. The spouses and dependent children of those listed in item 5, as long as they remain stationed, present, and living in Illinois.
6. Military veterans (specific requirements to be announced).

For assessment purposes, a staff appointment must require service for not less than three-fourths of the academic term. Specific dates marking completion of service for three-fourths of the term shall be established by the chancellor or his designee on each campus. Staff tuition-and-fee privileges do not apply to students employed on an hourly basis in either an academic or support staff capacity or to persons on leave without pay.

For assessment purposes, a permanent support staff employee is defined as a person who has been assigned to an established, permanent, and continuous support staff position and who is employed for at least 25 percent of full time. University employees appointed to established, civil service positions whose rate of pay is determined by negotiation, prevailing rates, or union affiliation are entitled to the same tuition-and-fee privileges accorded other staff members under the regulation.

For assessment purposes, an academic/professional employee is defined as an employee whose appointment is not prescribed by Article X, Section 1, of the *University Statutes*, or for whom the rules of the University Civil Service System are not applicable. Therefore, academic/professionals are those staff members who are not

1. in the professorial ranks,
2. instructors or lecturers,
3. research or teaching associates,
4. research or teaching assistants (graduate or undergraduate), or
5. support staff (University Civil Service) employees.

Staff members who have “visiting” or “adjunct” prefixes to the above ranks in their titles are also excluded from the academic/professional category.

Excluded are all academic/professional appointees on leaves of absence without pay.

A student who resigns a support staff or academic appointment, or whose appointment is cancelled before service has been rendered for at least three-fourths of the term, becomes subject to the full amount of the appropriate tuition and fees for that term, unless withdrawal from the university classes is effective at the same time the appointment becomes

void or unless clearance for graduation is filed within one week after the appointment becomes void.

Fees

All fees are subject to change without notice and are assessed upon enrollment.

Service Fee

This fee supports staff salaries, programming, general operating expenses, and some student financial aid such as the UIC Access to Excellence grant, athletics and other scholarships (e.g. student travel scholarships and student research scholarships), student awards and prizes, waivers and honorariums for the following student service areas: Student Centers, Intercollegiate Athletics, Student Leadership Programs, Student Legal and Ombudsperson Services, Student Government, and student services at Rockford, Peoria and Quad Cities. The fee is mandatory.

The service fee is waived for:

1. Holders of tuition-and-fee waivers awarded by the Graduate College.
2. Holders of grants or contracts from outside approved sponsors if the service fee is charged to the contract or to grant funds.

The following groups are exempt from the service fee:

1. All the staff members of the university who are on appointment for at least 25 percent of full-time service.
2. Cooperating teachers and administrators and social agency field instructors who meet the qualifications of item 6, tuition waiver exemptions.
3. Persons registered in noncredit seminars only.
4. University employees registered at the request of their department in noncredit courses for the purpose of improving their work.
5. University of Illinois retirees.
6. Teacher of the Year.

General Fee

This fee supports the fixed costs, such as utilities, of operating fee-supported facilities on campus including: Student Centers, Campus Recreation, Campus Housing, the UIC Pavilion, the UIC Forum, and the Flames Athletics Center. The fee is mandatory.

Health Service Fee

This fee supports staff salaries, programming, and general operating expenses for the campus health service providers: Family Practice/ Student Health Center, the Counseling Center, the Wellness Center, and pharmacy services. The fee is mandatory.

Health Insurance Fee

This fee provides health insurance that is mandatory for students. The fee is assessed on all students who enroll but may be waived for those who can demonstrate equivalent health insurance coverage.

Student-to-Student Fee

This fee provides financial support to undergraduate and graduate students who demonstrate high financial need. The fee is mandatory and is assessed each term. However, it is refundable each term if a cancellation is requested.

Sustainability Fee

This fee supports efforts to improve the quality of campus operations, reduce UIC's environmental impact, and generate awareness about environmental issues by creating opportunities for students' involvement. However, it is refundable each term if a cancellation is requested.

Transportation Fee—CTA U Pass + Metra U-Pass+

The CTA U-Pass or CTA + Metra U-Pass+ is available to eligible, enrolled students taking 6 or more credit hours during the Fall or Spring semester. During the Summer session, the minimum enrollment is 6 or more credit hours for undergraduate and professional students and 5 or more credit hours for graduate students. Participation in these programs is optional. Students who opt in and meet the eligibility criteria will be assessed a transportation fee for the service. Service is provided only during the period beginning five days before classes start and ending five days after final exams end, based on the official academic calendar.

International Student Fee

The fee is assessed to international students and will allow the Office of International Services to continue to provide essential services, upgrade technologies used for student advising, increase programming options, and host cultural events to increase and expand upon the "UIC Experience."

Assessments

Academic Facilities Maintenance Fund Assessment

The Academic Facilities Maintenance Fund Assessment (AFMFA) is assessed to address the deferred maintenance backlog in academic facilities.

Library and Information Technology Assessment

In order to generate resources to improve the learning environment, a Library and Information Technology Assessment is charged to students.

International Tuition Surcharge

International students entering Fall 2016 and after, pay a higher tuition rate as compared to Illinois and U.S. residents. In general, tuition revenue is used to support operating expenses of the university, faculty and staff salaries, including resources that enhance the undergraduate student experience.

Other Fees and Charges

One or more of the following additional fees and/or charges are assessed as applicable.

- The late-registration fee of $50 is assessed all students who complete registration after the tenth day of the fall and spring semesters, and after the first Wednesday of Summer Session 1 or first Friday of Summer Session 2.
- The lost-photo-identification-card fee of $20 is assessed for replacing a lost or destroyed i-card, issued to the student at the time of first registration at UIC.
- The transcript request fee is assessed for each transcript request.
- The first four requests for verification of enrollment or graduation verification per semester are free. Each thereafter incurs a

certification fee of $5 for each verification of enrollment or graduation verification.

CampusCare Student Health Benefit Program

The university requires all students to have healthcare coverage. All registered students, charged with tuition and fees, are automatically enrolled in CampusCare and assessed the CampusCare fee as part of their tuition. CampusCare is the University-Based Health Benefits program designed to provide protection against unexpected accidents and illnesses. The program covers services such as physician office visits at the Family Medicine Center, inpatient and outpatient hospital services, prescription drugs, physical therapy, emergency services, home health care, mental health, substance abuse, and vision and dental services.

During the open enrollment period at the beginning of each term, new and continuing students have an opportunity to make choices concerning their health care coverage. Students enrolled in CampusCare may also enroll qualified dependents such as a spouse or children before the published deadline date.

Coverage is based on a semester basis with no lapse in coverage between semesters for registered students. CampusCare members who are eligible during the spring term are able to enroll for summer coverage, without being registered for the summer term, by filling out a Summer Continuation Form online prior to the deadline. All coverage dates and fees can be found online. The CampusCare Fee is billed with tuition and other mandatory fees, unless a CampusCare waiver is approved. Students who withdraw from the university and are not reimbursed 100% of their tuition and fees do not receive a refund of the CampusCare Fee and are covered for the balance of the semester from which they withdrew. CampusCare does not prorate the benefit premium.

Students who provide proof of active Minimal Essential Coverage-qualified health insurance coverage prior to the enrollment period deadline date may waive out of the program by logging onto the CampusCare website and submitting an online waiver form. Once approved, a waiver will remain in effect for a period of one academic year. All students applying and approved for a CampusCare waiver for the first time will have to reapply for the waiver at the beginning of each academic year. Registered students may reinstate into CampusCare upon completion of an online reinstatement form found on the CampusCare website at any time during the semester. Fees are not prorated for late enrollment. All forms to waive out or to add/delete dependents must be submitted online only before the enrollment period deadline date.

Detailed information about covered benefits, premium rates, dependent coverage, summer coverage, how to access care, print ID cards, deadline dates, and all online forms are available to students on the CampusCare website.

Payment of Tuition and Fees

University Bursar
1900 Student Services Building (SSB)
(217) 333-2180
bursarhelp@uillinois.edu
http://paymybill.uillinois.edu

University Bursar is the central billing unit of the University of Illinois. The office is responsible for billing student account transactions including tuition and fees and collecting payment for the university. The office is different from the Office of Student Financial Aid in that it is not involved with awarding and processing student financial aid like loans, scholarships, and grants. University Bursar is the office students contact if they have questions about charges or credits on their student account or need information about making payments to the university for their student account balance. University Bursar also handles inquiries regarding refunds for student account overpayments. Students are encouraged to review the University Bursar website to become familiar with services and policies.

University Bursar Checklist

To ensure successful management of tuition payments, new students should:

1. Learn how to access their student account in UI-Pay
2. Set up their "Authorized Payer"
3. Enroll in Direct Deposit.
4. Know when tuition and fees are due.
5. Understand the payment options, including an optional payment plan.
6. Subscribe to the Student Money Management Center's e-newsletter.

Viewing the Student Account

Students with new account activity will receive an email to their university email address reminding them to view their student account. It is the student's responsibility to monitor their official university email account on a regular basis. Authorized Payers will also receive an email notification to check their student's account when there is new activity.

Payment Methods

The university accepts both e-checks and credit card payments online through UI-Pay. An e-check is an electronic withdrawal from a checking or savings account at a domestic (U.S.) bank account. Credit cards accepted for payment are Visa, MasterCard, American Express and Discover. Debit cards and Apple Pay are also accepted for payment. Prepaid cards are not accepted. All credit card, debit card, and Apple Pay transactions will be assessed a service fee. Please visit the University Bursar website for additional detail on payment methods.

Mailed payments should be sent at least ten business days prior to the due date. The student name and University ID Number (UIN) must be written on the check. A printed copy of the payment stub must be included to ensure proper credit. Payments may be mailed to the following location:

University of Illinois Payment Center
Student A/R
28393 Network Place
Chicago, IL 60673-1283

University Bursar Contact Information
Email: bursarhelp@uillinois.edu
Website: http://paymybill.uillinois.edu
Phone: (217) 333-2180

Encumbered Students

All students are expected to review theirstudent account#online for recent activity and pay any amount due by the due date. Once a month, University of Illinois emails students and Authorized Payers with account activity, reminding them of theirfinancial responsibilities.#To ensure delivery of notifications, students and authorized payers should review their contact information, email settings, and considerenrolling in text alerts#through UI-Pay.

Consequences of Collections

Students who fail to#pay by the#due date#will incur the following charges and penalties on their student account:

- A late payment charge of 1.5% or $1.00, whichever is greater, per month on the past due balance;
- A past due charge of $2.00 per month; on transactions more than 60 days delinquent;
- A financial hold which prevents registration activity;
- A one-time collection administration fee of $42 if the account is referred for collection.

For a detailed review of the collection process, please visit the Collection Activity page on University Bursar website.

Veterans Affairs Pending Payments

Effective August 1, 2019, and despite any policy to the contrary, UIC will not take any of the four following actions toward any student using the U.S. Department of Veterans Affairs (VA) Post 9/11 G.I. Bill® (Ch. 33) or Vocational Rehabilitation and Employment (Ch. 31) benefits, while their payment from the United States Department of Veterans Affairs is pending to the educational institution.

- Prevent their enrollment;
- Assess a late penalty fee;
- Require they secure alternative or additional funding;
- Deny their access to any resources (access to classes, libraries, or other institutional facilities) available to other students who have satisfied their tuition and fee bills to the institution.

However, to qualify for this provision such students may be required to:

- Produce the VA's Certificate of Eligibility by the first day of class;
- Provide written request to be certified;
- Provide additional information needed to properly certify the enrollment as described in other institutional policies (see the VA School Certifying Official for all requirements).

GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website.

Refunds

Refunds of a portion of tuition and fees may be authorized for students withdrawing from the university or from one or more courses, depending on the timing of the withdrawal. Please consult the Office of the Registrar website for the Refund Schedule.

Refund upon Complete Withdrawal from the University

Requests for withdrawals should be initiated using XE Registration during the late add/drop period or after the late add/drop period, in the student's college office.

Before a refund is made to the student, the university will make a refund to the appropriate financial aid programs providing assistance to the student. If a student is indebted to the university at the time of withdrawal, the amount that is owed will be deducted from the refund amount paid to the student.

Refund on Withdrawal from a Course

If a drop from a course is completed by the second Friday of instruction of the fall or spring semester (the first Wednesday of instruction of Summer Session 1 or first Friday of Summer Session 2) and results in a reduction in the student's total hours to a lower tuition-and-fee range, the full difference is refunded and no W is recorded.

Refund on Withdrawal to Enter Military Service

A student who withdraws from the university to enter military service must meet certain requirements in order to be eligible to receive a refund of tuition and fees or receive academic credit. For full information, see Withdrawal to Enter U.S. Military Service in the Registering and Enrolling in Courses at UIC (p. 47) section, visit the Office of Registrar website, or email Registration Services (registration@uic.edu).

Cancellation of Enrollment

Students who wish to cancel their registration and receive a complete refund of tuition and fees must do so by the end of the online add/drop period. They may do this online or in person at the Office of the Registrar.

Important Note: If a student receives federally funded financial aid, the refund may be adjusted in accordance with federal regulations. If a student owes money to the university, the refund will be reduced by the amount owed.

Degree Programs and Requirements

- Degree Program and Minor List (p. 58)
- Academic Standing (p. 71)
- Academic Planning and Progress (p. 82)
- General Education (p. 86)
- University Degree Requirements, Graduation, and Commencement (p. 103)
- Program Changes and Updates (p. 108)

Degree Program, Minor, and Certificate List

Concentrations are offered in several undergraduate degree programs; consult program requirement pages for more information.

Department	Degree Program	Minor/Certificate	Preprofessional
College of Applied Health Sciences			
Biomedical and Health Information Sciences	Health Information Management - BS (p. 117) Health Information Management/Health Informatics - Joint BS/MS (p. 120)	Health Information Management - Minor (p. 121) Life Science Visualization - Minor (p. 122)	
Disability and Human Development	Disability and Human Development - BS (p. 123)	Disability Inclusion - Minor (p. 124) Co-Operative Career Experience - Campus Certificate (p. 125)	
Health and Rehabilitation Sciences	Health and Rehabilitation Sciences - BS (p. 132)		
Kinesiology and Nutrition	Kinesiology - BS (p. 127) Nutrition - BS • Nutrition Science Concentration (p. 128)	Food Science - Minor (p. 130) Kinesiology - Minor (p. 131) Nutrition - Minor (p. 131)	
Preprofessional Studies			Pre-Health Information Management (p. 134) Pre-Occupational Therapy (AHS) (p. 134) Pre-Physical Therapy (AHS) (p. 134)
College of Architecture, Design, and the Arts			
Architecture	Architectural Studies - BA (p. 145) Architecture - BS (p. 144)	Architectural Studies - Minor (p. 146)	
Art	Art - BFA (p. 147) Art Education - BFA (p. 147) Interdisciplinary Education in the Arts - BA (p. 147)	Art - Minor (p. 147)	
Art History & Museum and Exhibition Studies	Art History - BA (p. 147)	Art History - Minor (p. 147) Museum and Exhibition Studies - Minor (p. 147)	
Design	Graphic Design - BDes (p. 149) Industrial Design - BDes (p. 151) Design Studies - BA (p. 147)		

Music	Music - BA (p. 153) Music Business - BA (p. 156) Music Education - BMus (p. 163) Performance - BMus (p. 158) Jazz Studies - BMus (p. 161)	Music - Minor (p. 173)
Theatre	Theatre and Performance - BA (p. 165) Theatre Design Production and Technology - BA (p. 169) Acting - BFA (p. 171)	Theatre - Minor (p. 173)
College of Business Administration		
Accounting	Accounting - BS (p. 185)	
Business Administration	Bachelor of Business Administration Completion Program (on-campus) (p. 197) Bachelor of Business Administration Completion Program (online) (p. 198)	
CBA Minors		Accounting - Minor (p. 201) Business Adminstration - Minor (p. 201) Business Analytics - Minor (p. 202) Entrepreneurship - Minor (p. 202) Finance - Minor (p. 203) Human Resource Management - Minor (p. 203) International Business - Minor (p. 203) Leadership - Minor (p. 204) Management Information Systems - Minor (p. 204) Marketing - Minor (p. 205) Professional Sales - Minor (p. 205) Real Estate - Minor (p. 206) Sports Management - Minor (p. 206) Supply Chain and Operations Management - Minor (p. 206) Sustainable Business - Minor
Finance	Finance - BS (p. 186)	
Information and Decision Sciences (IDS)	Information and Decision Sciences - BS (p. 188)	
Managerial Studies	Entrepreneurship - BS (p. 191) Human Resource Management - BS (p. 192) Management - BS (p. 192)	

Marketing	Marketing - BS (p. 193)	
Real Estate	Real Estate - BS (p. 195)	
College of Education		
Curriculum and Instruction	Urban Education - BA (p. 214)	
Educational Psychology	Human Development and Learning - BA (p. 218)	Instructional Design and Training - Minor (p. 222)
Interdepartmental		Education - Minor (p. 212)
Special Education	Inclusive and Special Education - BS	
College of Engineering		
Biomedical Engineering	Biomedical Engineering - BS (p. 231)	Biomedical Engineering - Minor (p. 233)
Chemical Engineering	Chemical Engineering - BS (p. 234) • Biochemical Engineering Concentration • Energy and Environment Concentration • Entrepreneurship Concentration • Nanotechnology Concentration • Polymers and Molecular Engineering Concentration • Process Automation Concentration Chemical Engineering - Joint BS/MS (p. 237)	Chemical Engineering - Minor (p. 239)
Civil, Materials, and Environmental Engineering	Civil Engineering - BS (p. 240) Environmental Engineering - BS (p. 241)	Civil Engineering - Minor (p. 243) Environmental Engineering - Minor (p. 243) Materials Engineering - Minor (p. 244)

Computer Science	Computer Science - BS (p. 245) • Computer Systems Concentration (p. 248) • Human-Centered Computing Concentration (p. 251) • Software Engineering Concentration (p. 253) Computer Science and Design - BS (p. 256) Computer Science - Joint BS/MS (p. 275) Data Science - BS • Applied Economic Analysis Concentration • Bioinformatics Concentration (p. 258) • Business Analytics Concentration (p. 260) • Computer Science Concentration (p. 262) • Data Processing Science and Engineering Concentration (p. 264) • Health Data Science Concentration (p. 266) • Industrial Engineering Concentration (p. 268) • Social Technology Studies Concentration (p. 269) • Statistics Concentration (p. 271) • Urban Planning and Public Affairs Concentration (p. 273)	Computer Science - Minor (p. 276)
Electrical and Computer Engineering	Electrical Engineering - BS (p. 280) Computer Engineering - BS (p. 278) Engineering Physics - BS (p. 282) Electrical and Computer Engineering -Joint Degrees: • Computer Engineering/ Electrical and Computer Engineering - Joint BS/MS (p. 284) • Electrical Engineering/ Electrical and Computer Engineering - Joint BS/MS (p. 285) • Engineering Physics/ Electrical and Computer Engineering - Joint BS/MS (p. 286)	Electrical Engineering - Minor (p. 287) Computer Engineering - Minor (p. 287)

Mechanical and Industrial Engineering	Mechanical Engineering - BS (p. 289) Industrial Engineering - BS (p. 291) Engineering Management - BS (p. 292) Industrial Engineering - Joint Degrees: (p. 295) • BS/MS in Industrial Engineering • BS/MS in Mechanical Engineering Mechanical Engineering - Joint Degrees: (p. 297) • BS/MS in Mechanical Engineering • BS/MS in Industrial Engineering • BS/Master of Energy Engineering	Industrial Engineering - Minor (p. 294) Mechanical Engineering - Minor (p. 294)
College of Liberal Arts and Sciences		
Anthropology	Anthropology - BA with a Major (p. 320)	Anthropology - Minor (p. 321) Global Middle East Studies - Minor (p. 322) Health Culture and Society - Campus Certificate (p. 322)
Biochemistry	Biochemistry - BS (p. 323)	
Biological Sciences	Biological Sciences - BS with a Major • Evolution (p. 325) Ecology and Environmental Biology Concentration • General Biology Concentration (p. 327) • Molecular (p. 329) Cellular and Organismal Biology Concentration	Biological Sciences - Minor (p. 331)
Black Studies	Black Studies - BA with a Major (p. 332)	Black Studies - Minor (p. 333)
Chemistry	Chemistry - BA with a Major (p. 334) Chemistry - BS (p. 335)	Chemistry - Minor (p. 337)
Classics and Mediterranean Studies	Classical Studies - BA with a Major (p. 338)	Arabic - Minor (p. 340) Classical Studies - Minor (p. 340)
Communication	Communication - BA with a Major (p. 341)	Communication - Minor (p. 342)
Criminology, Law, and Justice	Criminology Law and Justice - BA with a Major (p. 343)	Criminology Law and Justice - Minor (p. 344) Law and Society - Minor (p. 344)
Earth and Environmental Sciences	Earth and Environmental Sciences - BS with a Major (p. 345)	Earth and Environmental Sciences - Minor (p. 346)
Economics	Economics - BA with a Major (p. 347) Computer Science and Economics - BS	Economics - Minor (p. 349)

English	English - BA with a Major (p. 350) • Literatures in English Concentration • Creative Writing Concentration (Fiction-Poetry-or Nonfiction) • Film-Media-Performance- and Pop Culture Concentration • Professional Writing and Publishing Concentration • Race-Gender and Sexuality-and Multiethnic English Studies Concentration • Rhetoric-Public Engagement- and Language Studies Concentration Teaching of English - BA (p. 355)	English - Minor (p. 356) Logic Argumentation and Writing - Minor (p. 357) Professional Writing - Minor (p. 357) Teaching of English - Minor (p. 357)
French and Francophone Studies	French and Francophone Studies - BA with a Major (p. 358) Teaching of French - BA (p. 359)	French and Francophone Studies - Minor (p. 361)
Gender and Women's Studies	Gender and Women's Studies - BA with a Major (p. 362)	Gender and Women's Studies - Minor (p. 364) Social Justice - Minor (p. 365)
Germanic Studies	Germanic Studies - BA with a Major (p. 366) Teaching of German - BA (p. 367)	Germanic Studies - Minor (p. 368) German Language - Campus Certificate (p. 368)
Global Asian Studies	Global Asian Studies - BA with a Major (p. 369)	Global Asian Studies - Minor (p. 371)
Hispanic and Italian Studies	Spanish - BA with a Major (p. 372) • Spanish for the Professions Concentration (p. 373) Teaching of Spanish - BA (p. 375)	Spanish - Minor (p. 377) Spanish for the Professions - Minor (p. 377) Italian and Italian American Studies - Minor (p. 377) Academic Spanish for Heritage Speakers - Campus Certificate (p. 377)
History	History - BA with a Major (p. 379) Teaching of History - BA (p. 379)	History - Minor (p. 381)
Integrated Health Studies	Integrated Health Studies - BS with a Major • Behavioral Health Concentration (p. 382) • Health and Science Concentration (p. 384)	
Interdepartmental	Liberal Studies - BA with a Major (p. 389)	
International Studies		International Studies - Minor (p. 387)

Latin American and Latino Studies	Latin American and Latino Studies - BA with a Major (p. 387)	Latin American and Latino Studies - Minor (p. 389)
Linguistics	Linguistics - BA with a Major (p. 390) Computer Science and Linguistics - BS (p. 392)	Chinese - Minor (p. 393) Linguistics - Minor (p. 394)
Literatures, Cultural Studies, and Linguistics		Comparative Cultural Studies - Minor (p. 395)
Mathematics, Statistics, and Computer Science	Mathematics - BS with a Major (p. 396) Statistics - BS with a Major (p. 397) • Statistical Theory and Methods Concentration • Applied Statistics Concentration Teaching of Mathematics - BS (p. 398) Mathematics and Computer Science - BS with a Major (p. 400) • Algorithms and Theory Concentration • Computational Mathematics Concentration	Mathematics - Minor (p. 401) Mathematics and Computer Science - Minor (p. 402)
Moving Image Arts		Moving Image Arts - Minor (p. 402)
Neuroscience	Neuroscience - BS (p. 403)	
Philosophy	Philosophy - BA with a Major (p. 405) Computer Science and Philosophy - BS (p. 407)	Philosophy - Minor (p. 409)
Physics	Physics - BA with a Major (p. 409) Physics - BS (p. 411)	Biological Physics - Minor Physics - Minor (p. 412)
Polish, Russian, and Lithuanian Studies	Central and Eastern European Studies - BA with a Major • Central and Eastern European Concentration (p. 413) • Polish Studies Concentration (p. 415) • Russian Studies Concentration (p. 416)	Central and Eastern European Studies - Minor (p. 417) Polish Studies - Minor (p. 418) Russian Studies - Minor (p. 418) Polish Language - Campus Certificate (p. 418) Russian Language - Campus Certificate (p. 418)
Political Science	Political Science - BA with a Major (p. 419) • International Politics Concentration • Law and Courts Concentration (p. 421) • Urban Politics Concentration (p. 422)	International Politics - Minor Political Science - Minor (p. 423)

Preprofessional Studies			Pre-Dentistry (p. 437) Pre-Law (p. 444) Pre-Medicine (p. 438) Pre-Nursing (p. 442) Pre-Nutrition (p. 445) Pre-Occupational Therapy (LAS) (p. 439) Pre-Pharmacy (p. 444) Pre-Physical Therapy (LAS) (p. 440) Pre-Veterinary Medicine (p. 441)
Psychology	Applied Psychology - BA with a Major (p. 425) Psychology - BS with a Major (p. 426)	Psychology - Minor (p. 427)	
Religious Studies		Religious Studies - Minor (p. 428)	
Sociology	Sociology - BA with a Major (p. 429) • Data and Analytics Concentration (p. 430) • Health and Medicine Concentration (p. 431) • Professions Occupations and Work Concentration (p. 432) • Sociology for Social Work Concentration (p. 434)	Sociology - Minor (p. 435)	
College of Nursing			
Nursing	Nursing - BS (p. 450) RN/BSN Completion Program (p. 451)		
College of Urban Planning and Public Affairs			
Public Policy, Management, and Analytics	Public Policy - BA (p. 480) Public Policy - Joint Degrees with BA: (p. 483) • Master of Public Administration • Master of Public Policy • Master of Urban Planning and Policy • MS in Civic Analytics	Civic Analytics - Minor (p. 484) Nonprofit Management - Minor (p. 484) Public Policy - Minor (p. 485) Research Design and Data Analysis - Minor (p. 485)	
Urban Planning and Policy	Urban Studies - BA (p. 487) Urban Studies - Joint Degrees with BA: (p. 490) • Master of Public Administration • Master of Public Policy • Master of Urban Planning and Policy • MS in Civic Analytics	Geographic Information Systems - Minor (p. 491) Sustainable Cities - Minor (p. 491) Urban Studies - Minor (p. 491)	
Retzky College of Pharmacy			
Pharmacy	Pharmaceutical Sciences - BS (p. 456) Pharmacy - Doctor (p. 459)		
School of Public Health			

Public Health	Public Health Practice - BA (p. 467) Public Health Sciences - BS (p. 469) Public Health - Joint Degrees: (p. 471) • BA/MPH-Community Health Sciences Concentration • BA/MPH-Environmental and Occupational Health Sciences Concentration • BA/MPH-Epidemiology Concentration • BA/MPH-Health Policy and Administration Concentration • BS/MPH-Community Health Sciences Concentration • BS/MPH-Environmental and Occupational Health Sciences Concentration • BS/MPH-Epidemiology Concentration • BS/MPH-Health Policy and Administration Concentration	Public Health - Minor (p. 472)

- Academic Spanish for Heritage Speakers - Campus Certificate (p. 377)
- Accounting - BS (p. 185)
- Accounting - Minor (p. 201)
- Acting - BFA (p. 171)
- Anthropology - BA with a Major (p. 320)
- Anthropology - Minor (p. 321)
- Applied Psychology - BA with a Major (p. 425)
- Arabic - Minor (p. 340)
- Architectural Studies - BA (p. 145)
- Architectural Studies - Minor (p. 146)
- Architecture - BS (p. 144)
- Art - BFA (p. 147)
- Art - Minor (p. 147)
- Art Education - BFA (p. 147)
- Art History - BA (p. 147)
- Art History - Minor (p. 147)
- Bachelor of Business Administration Completion Program (on-campus) (p. 197)
- Bachelor of Business Administration Completion Program (online) (p. 198)
- Biochemistry - BS (p. 323)
- Biological Physics - Minor
- Biological Sciences - BS with a Major
  - Evolution, Ecology and Environmental Biology Concentration (p. 325)
  - General Biology Concentration (p. 327)
  - Molecular, Cellular and Organismal Biology Concentration (p. 329)
- Biological Sciences - Minor (p. 331)
- Biomedical Engineering - BS (p. 231)
- Biomedical Engineering - Minor (p. 233)
- Black Studies - BA with a Major (p. 332)
- Black Studies - Minor (p. 333)
- Business Adminstration - Minor (p. 201)

- Business Analytics - Minor (p. 202)
- Central and Eastern European Studies - BA with a Major
  - Central and Eastern European Concentration (p. 413)
  - Polish Studies Concentration (p. 415)
  - Russian Studies Concentration (p. 416)
- Central and Eastern European Studies - Minor (p. 417)
- Chemical Engineering - BS (p. 234)
  - Biochemical Engineering Concentration
  - Energy and Environment Concentration
  - Entrepreneurship Concentration
  - Nanotechnology Concentration
  - Polymers and Molecular Engineering Concentration
  - Process Automation Concentration
- Chemical Engineering - Joint BS/MS (p. 237)
- Chemical Engineering - Minor (p. 239)
- Chemistry - BA with a Major (p. 334)
- Chemistry - BS (p. 335)
- Chemistry - Minor (p. 337)
- Chinese - Minor (p. 393)
- Civic Analytics - Minor (p. 484)
- Civil Engineering - BS (p. 240)
- Civil Engineering - Minor (p. 243)
- Classical Studies - BA with a Major (p. 338)
- Classical Studies - Minor (p. 340)
- Co-Operative Career Experience - Campus Certificate (p. 125)
- Communication - BA with a Major (p. 341)
- Communication - Minor (p. 342)
- Comparative Cultural Studies - Minor (p. 395)
- Computer Engineering - BS (p. 278)
- Computer Engineering - Minor (p. 287)
- Computer Science - BS (p. 245)
  - Computer Systems Concentration (p. 248)
  - Human-Centered Computing Concentration (p. 251)
  - Software Engineering Concentration (p. 253)
- Computer Science - Joint BS/MS (p. 275)
- Computer Science - Minor (p. 276)
- Computer Science and Design - BS (p. 256)
- Computer Science and Economics - BS
- Computer Science and Linguistics - BS (p. 392)
- Computer Science and Philosophy - BS (p. 407)
- Criminology Law and Justice - BA with a Major (p. 343)
- Criminology Law and Justice - Minor (p. 344)
- Data Science - BS
  - Applied Economic Analysis Concentration
  - Bioinformatics Concentration (p. 258)
  - Business Analytics Concentration (p. 260)
  - Computer Science Concentration (p. 262)
  - Data Processing Science and Engineering Concentration (p. 264)
  - Health Data Science Concentration (p. 266)
  - Industrial Engineering Concentration (p. 268)
  - Social Technology Studies Concentration (p. 269)
  - Statistics Concentration (p. 271)
  - Urban Planning and Public Affairs Concentration (p. 273)

- Design Studies - BA (p. 147)
- Disability Inclusion - Minor (p. 124)
- Disability and Human Development - BS (p. 123)
- Earth and Environmental Sciences - BS with a Major (p. 345)
- Earth and Environmental Sciences - Minor (p. 346)
- Economics - BA with a Major (p. 347)
- Economics - Minor (p. 349)
- Education - Minor (p. 212)
- Electrical Engineering - BS (p. 280)
- Electrical Engineering - Minor (p. 287)
- Electrical and Computer Engineering -Joint Degrees:
  - Computer Engineering/Electrical and Computer Engineering - Joint BS/MS (p. 284)
  - Electrical Engineering/ Electrical and Computer Engineering - Joint BS/MS (p. 285)
  - Engineering Physics/ Electrical and Computer Engineering - Joint BS/MS (p. 286)
- Engineering Management - BS (p. 292)
- Engineering Physics - BS (p. 282)
- English - BA with a Major (p. 350)
  - Literatures in English Concentration
  - Creative Writing Concentration (Fiction-Poetry-or Nonfiction)
  - Film-Media-Performance-and Pop Culture Concentration
  - Professional Writing and Publishing Concentration
  - Race-Gender and Sexuality-and Multiethnic English Studies Concentration
  - Rhetoric-Public Engagement- and Language Studies Concentration
- English - Minor (p. 356)
- Entrepreneurship - BS (p. 191)
- Entrepreneurship - Minor (p. 202)
- Environmental Engineering - BS (p. 241)
- Environmental Engineering - Minor (p. 243)
- Finance - BS (p. 186)
- Finance - Minor (p. 203)
- Food Science - Minor (p. 130)
- French and Francophone Studies - BA with a Major (p. 358)
- French and Francophone Studies - Minor (p. 361)
- Gender and Women's Studies - Minor (p. 364)
- Gender and Women’s Studies - BA with a Major (p. 362)
- Geographic Information Systems - Minor (p. 491)
- German Language - Campus Certificate (p. 368)
- Germanic Studies - BA with a Major (p. 366)
- Germanic Studies - Minor (p. 368)
- Global Asian Studies - BA with a Major (p. 369)
- Global Asian Studies - Minor (p. 371)
- Global Middle East Studies - Minor (p. 322)
- Graphic Design - BDes (p. 149)
- Health Culture and Society - Campus Certificate (p. 322)
- Health Information Management - BS (p. 117)
- Health Information Management - Minor (p. 121)
- Health Information Management/Health Informatics - Joint BS/MS (p. 120)
- Health and Rehabilitation Sciences - BS (p. 132)
- History - BA with a Major (p. 379)
- History - Minor (p. 381)
- Human Development and Learning - BA (p. 218)
- Human Resource Management - BS (p. 192)

- Human Resource Management - Minor (p. 203)
- Inclusive and Special Education - BS
- Industrial Design - BDes (p. 151)
- Industrial Engineering - BS (p. 291)
- Industrial Engineering - Joint Degrees: (p. 295)
  - BS/MS in Industrial Engineering
  - BS/MS in Mechanical Engineering
- Industrial Engineering - Minor (p. 294)
- Information and Decision Sciences - BS (p. 188)
- Instructional Design and Training - Minor (p. 222)
- Integrated Health Studies - BS with a Major
  - Behavioral Health Concentration (p. 382)
  - Health and Science Concentration (p. 384)
- Interdisciplinary Education in the Arts - BA (p. 147)
- International Business - Minor (p. 203)
- International Politics - Minor
- International Studies - Minor (p. 387)
- Italian and Italian American Studies - Minor (p. 377)
- Jazz Studies - BMus (p. 161)
- Kinesiology - BS (p. 127)
- Kinesiology - Minor (p. 131)
- Latin American and Latino Studies - BA with a Major (p. 387)
- Latin American and Latino Studies - Minor (p. 389)
- Law and Society - Minor (p. 344)
- Leadership - Minor (p. 204)
- Liberal Studies - BA with a Major (p. 389)
- Life Science Visualization - Minor (p. 122)
- Linguistics - BA with a Major (p. 390)
- Linguistics - Minor (p. 394)
- Logic Argumentation and Writing - Minor (p. 357)
- Management - BS (p. 192)
- Management Information Systems - Minor (p. 204)
- Marketing - BS (p. 193)
- Marketing - Minor (p. 205)
- Materials Engineering - Minor (p. 244)
- Mathematics - BS with a Major (p. 396)
- Mathematics - Minor (p. 401)
- Mathematics and Computer Science - BS with a Major (p. 400)
  - Algorithms and Theory Concentration
  - Computational Mathematics Concentration
- Mathematics and Computer Science - Minor (p. 402)
- Mechanical Engineering - BS (p. 289)
- Mechanical Engineering - Joint Degrees: (p. 297)
  - BS/MS in Mechanical Engineering
  - BS/MS in Industrial Engineering
  - BS/Master of Energy Engineering
- Mechanical Engineering - Minor (p. 294)
- Moving Image Arts - Minor (p. 402)
- Museum and Exhibition Studies - Minor (p. 147)
- Music - BA (p. 153)
- Music - Minor (p. 173)
- Music Business - BA (p. 156)
- Music Education - BMus (p. 163)

- Neuroscience - BS (p. 403)
- Nonprofit Management - Minor (p. 484)
- Nursing - BS (p. 450)
- Nutrition - BS
  - Nutrition Science Concentration (p. 128)
- Nutrition - Minor (p. 131)
- Performance - BMus (p. 158)
- Pharmaceutical Sciences - BS (p. 456)
- Pharmacy - Doctor (p. 459)
- Philosophy - BA with a Major (p. 405)
- Philosophy - Minor (p. 409)
- Physics - BA with a Major (p. 409)
- Physics - BS (p. 411)
- Physics - Minor (p. 412)
- Polish Language - Campus Certificate (p. 418)
- Polish Studies - Minor (p. 418)
- Political Science - BA with a Major (p. 419)
  - International Politics Concentration
  - Law and Courts Concentration (p. 421)
  - Urban Politics Concentration (p. 422)
- Political Science - Minor (p. 423)
- Pre-Dentistry (p. 437)
- Pre-Health Information Management (p. 134)
- Pre-Law (p. 444)
- Pre-Medicine (p. 438)
- Pre-Nursing (p. 442)
- Pre-Nutrition (p. 445)
- Pre-Occupational Therapy (AHS) (p. 134)
- Pre-Occupational Therapy (LAS) (p. 439)
- Pre-Pharmacy (p. 444)
- Pre-Physical Therapy (AHS) (p. 134)
- Pre-Physical Therapy (LAS) (p. 440)
- Pre-Veterinary Medicine (p. 441)
- Professional Sales - Minor (p. 205)
- Professional Writing - Minor (p. 357)
- Psychology - BS with a Major (p. 426)
- Psychology - Minor (p. 427)
- Public Health - Joint Degrees: (p. 471)
  - BA/MPH-Community Health Sciences Concentration
  - BA/MPH-Environmental and Occupational Health Sciences Concentration
  - BA/MPH-Epidemiology Concentration
  - BA/MPH-Health Policy and Administration Concentration
  - BS/MPH-Community Health Sciences Concentration
  - BS/MPH-Environmental and Occupational Health Sciences Concentration
  - BS/MPH-Epidemiology Concentration
  - BS/MPH-Health Policy and Administration Concentration
- Public Health - Minor (p. 472)
- Public Health Practice - BA (p. 467)
- Public Health Sciences - BS (p. 469)
- Public Policy - BA (p. 480)
- Public Policy - Joint Degrees with BA: (p. 483)
  - Master of Public Administration
  - Master of Public Policy

- Master of Urban Planning and Policy
- MS in Civic Analytics

- Public Policy - Minor (p. 485)
- RN/BSN Completion Program (p. 451)
- Real Estate - BS (p. 195)
- Real Estate - Minor (p. 206)
- Religious Studies - Minor (p. 428)
- Research Design and Data Analysis - Minor (p. 485)
- Russian Language - Campus Certificate (p. 418)
- Russian Studies - Minor (p. 418)
- Social Justice - Minor (p. 365)
- Sociology - BA with a Major (p. 429)
  - Data and Analytics Concentration (p. 430)
  - Health and Medicine Concentration (p. 431)
  - Professions Occupations and Work Concentration (p. 432)
  - Sociology for Social Work Concentration (p. 434)
- Sociology - Minor (p. 435)
- Spanish - BA with a Major (p. 372)
  - Spanish for the Professions Concentration (p. 373)
- Spanish - Minor (p. 377)
- Spanish for the Professions - Minor (p. 377)
- Sports Management - Minor (p. 206)
- Statistics - BS with a Major (p. 397)
  - Statistical Theory and Methods Concentration
  - Applied Statistics Concentration
- Supply Chain and Operations Management - Minor (p. 206)
- Sustainable Business - Minor
- Sustainable Cities - Minor (p. 491)
- Teaching of English - BA (p. 355)
- Teaching of English - Minor (p. 357)
- Teaching of French - BA (p. 359)
- Teaching of German - BA (p. 367)
- Teaching of History - BA (p. 379)
- Teaching of Mathematics - BS (p. 398)
- Teaching of Spanish - BA (p. 375)
- Theatre - Minor (p. 173)
- Theatre Design Production and Technology - BA (p. 169)
- Theatre and Performance - BA (p. 165)
- Urban Education - BA (p. 214)
- Urban Studies - BA (p. 487)
- Urban Studies - Joint Degrees with BA: (p. 490)
  - Master of Public Administration
  - Master of Public Policy
  - Master of Urban Planning and Policy
  - MS in Civic Analytics
- Urban Studies - Minor (p. 491)

Academic Standing

Semester Hours

A semester hour is the university's unit of academic credit. During the fall and spring semesters, a university semester hour represents one classroom period of 50 minutes weekly for one semester in lecture or discussion or a longer period of time in laboratory, studio, or other work. For example, a 3-semester-hour lecture/discussion course could meet three times a week for 50 minutes each period or two times a week for 75 minutes each period. In either case, a student attends the lecture/discussion course for an equivalent amount of time each week during

a 15-week semester. A minimum of two 50-minute periods each week per semester hour is required for lab, practicum, or clinical activity. It is expected that students will spend at least the equivalent of two classroom periods of outside preparation for one classroom period per week of lecture or discussion. Those courses in which semester hours exceed contact hours may require additional readings, assigned papers, or other coursework.

To convert semester hours to quarter hours multiply by 1.5; to convert quarter hours to semester hours multiply by 2/3. For example, 30 semester hours are equivalent to 45 quarter hours.

Class Standing

The number of semester hours earned by the student determines class standing within the university.

Semester Hours Earned	Class Standing
1–29	Freshman standing
30–59	Sophomore standing
60–89	Junior standing
90 and above	Senior standing

The university may use class standing to determine a student's eligibility for receiving certain kinds of financial aid and scholarships, applying for some degree programs, enrolling in particular courses, and evaluating progress.

Credit by Examination

Students may establish credit toward an undergraduate degree through the examinations below. Students must submit official grade reports/examination results to the Office of Admissions before credit can be awarded. UIC will not award transfer course credit based on another institution's evaluation of test results.

ACT English/SAT Verbal

UIC will award three hours of passing credit for ENGL 160 for an ACT English subscore of 27, an SAT Reading and Writing score of 630 or more.

Advanced Placement (AP)

UIC will award credit on the basis of scores earned on the Advanced Placement Examinations administered by the College Board.

AP Policy for Students Admitted to and Enrolled at UIC for Fall 2026 [a]

Exam	Score	Course Equivalent
African American Studies	3	Black Studies (3 hours)
	4–5	BLST 100
Art History	3–5	AH 110, AH 111 (8 hours)
Biology	3–5	BIOS 110, BIOS 120 (8 hours)
Calculus AB	3	MATH 121 (5 hours)
	4–5	MATH 180 (4 hours)
Calculus BC	3 with AB subscore of 1–3	MATH 121 (5 hours)
	3 with AB subscore of 4–5	MATH 180 (4 hours)
	4–5	MATH 180, MATH 181 (8 hours)
Chemistry	3	CHEM 100 (5 hours)
	4–5	CHEM 122, CHEM 123, CHEM 124, CHEM 125 (10 hours)
Chinese Language & Culture	3	CHIN 103 (4 hours)
	4–5	CHIN 103, CHIN 104 (8 hours)
Computer Science A	3	CS 111 (3 hours)
	4–5	CS 111, CS 141 (6 hours)
Computer Science Principles	3–5	CS 100 (3 hours)
English Language & Composition	3–5	ENGL 160 (3 hours)
English Literature & Composition	3–5	ENGL 101 (3 hours)
Environmental Science	3	Earth and Environmental Sciences (3 hours)
	4–5	EAES 101 (4 hours)
European History	3	History (3 hours)
	4–5	History (6 hours)
French Language & Culture	3	FR 103 (4 hours)
	4–5	FR 103, FR 104 (8 hours)
German Language & Culture	3	GER 103 (4 hours)
	4–5	GER 103, GER 104 (8 hours)
Government & Politics: Comparative	3–5	POLS 130 (3 hours)
Government & Politics: U.S.	3–5	POLS 101 (3 hours)
Human Geography	3–5	GEOG 100
Italian Language & Culture	3	ITAL 102 (4 hours)
	4	ITAL 103 (4 hours)
	5	ITAL 103, ITAL 104 (8 hours)
Japanese Language & Culture	3	JPN 103 (4 hours)
	4–5	JPN 103, JPN 104 (8 hours)
Latin	3–5	LAT 103 (4 hours)
Macroeconomics	3	Economics (3 hours)
	4–5	ECON 121 (4 hours)
Microeconomics	3	Economics (3 hours)
	4–5	ECON 120 (4 hours)
Music Theory	3–5	MUS 107 (3 hours)
Physics 1	3	Non-Major Physics (3 hours)
	4–5	PHYS 131 (4 hours)

Physics 2	3	Non-Major Physics (3 hours)
	4–5	PHYS 132 (4 hours)
Physics C: Electricity & Magnetism	3	Physics (3 hours)
	4–5	PHYS 142 (4 hours)
Physics C: Mechanics	3	PHYS 100 (3 hours)
	4–5	PHYS 141 (4 hours)
Precalculus	3	MATH 110
	4–5	MATH 121
Psychology	3	Psychology (3 hours)
	4–5	PSCH 100 (4 hours)
Research	3–5	Liberal Arts and Sciences (3 hours)
Seminar	3–5	Liberal Arts and Sciences (3 hours)
Spanish Language & Culture	3	SPAN 103 (4 hours)
	4	SPAN 104 (4 hours)
	5	SPAN 104, SPAN 202 (7 hours)
Spanish Literature & Culture	3	SPAN 104 (4 hours)
	4	SPAN 202 (3 hours)
	5	SPAN 202, SPAN 203 (6 hours)
Statistics	3–5	College of Business Administration: IDS 270 (4 hours)
Statistics	3–5	College of Liberal Arts and Sciences and all other colleges: STAT 101 (4 hours)
Studio Art: 2-D Design	3–5	Art (4 hours)
Studio Art: 3-D Design	3–5	ART 140 (4 hours)
Studio Art: Drawing	3–5	ART 112 (4 hours)
United States History	3	History (3 hours)
	4–5	HIST 103, HIST 104 (6 hours)
World History	3	History (3 hours)
	4–5	HIST 100, HIST 101 (6 hours)

a *Students admitted prior to Fall 2026 should consult the* archived catalog *from their admission year for information on credit awarded for AP exams.*

International Baccalaureate (IB)

UIC will award credit on the basis of scores earned on the International Baccalaureate examinations as indicated below. For languages not listed below, 4 semester hours of foreign language elective credit will be awarded.

IB Exam Policy for Students Enrolled at UIC beginning in Fall 2026 [a,c]

Exam	Score	Course Equivalent
Anthropology, Social and Cultural		
Standard or Higher Level	4–5	Anthropology Elective Credit (3 hours)
Standard or Higher Level	6–7	ANTH 101 (3 hours)
Arabic A: Language and Literature		
Standard Level	4	ARAB 101 (4 hours)
Standard Level	5	ARAB 101, ARAB 102 (8 hours)
Standard Level	6	ARAB 102, ARAB 103 (8 hours)
Standard Level	7	ARAB 103, ARAB 104 (8 hours)
Higher Level	4	ARAB 101, ARAB 102 (8 hours)
Higher Level	5	ARAB 102, ARAB 103 (8 hours)
Higher Level	6	ARAB 103, ARAB 104 (8 hours)
Higher Level	7	ARAB 201 or ARAB 202, ARAB 103, ARAB 104 (11 hours)
Arabic A: Literature		
Standard Level	4	ARAB 101 (4 hours)
Standard Level	5	ARAB 101, ARAB 102 (8 hours)
Standard Level	6	ARAB 102, ARAB 103 (8 hours)
Standard Level	7	ARAB 103, ARAB 104 (8 hours)
Higher Level	4	ARAB 101, ARAB 102 (8 hours)
Higher Level	5	ARAB 102, ARAB 103 (8 hours)
Higher Level	6	ARAB 103, ARAB 104 (8 hours)
Higher Level	7	ARAB 201 or ARAB 202, ARAB 103, ARAB 104 (11 hours)
Arabic Language AB Initio		
Standard Level	4–5	ARAB 101 (4 hours)
Standard Level	6–7	ARAB 101, ARAB 102 (8 hours)
Arabic Language B		
Standard Level	4–7	ARAB 102, ARAB 103 (8 hours)
Higher Level	4–7	ARAB 103, ARAB 104 (8 hours)
Art History		

Standard Level	4	Art History Elective Credit (8 hours)
Standard Level	5–7	AH 110, AH 111 (8 hours)
Astronomy		
Standard Level	4–7	Astronomy Elective Credit (4 hours)
Biology		
Standard or Higher Level	4	Biology 100-Level Elective Credit (4 hours)
Standard or Higher Level	5–7	BIOS 110, BIOS 120 (8 hours)
Business Management		
Standard or Higher Level	4–7	MGMT 340 (3 hours)
Chemistry		
Standard Level	4–5	CHEM 100 (5 hours)
Standard Level	6	CHEM 122, CHEM 123 (5 hours)
Standard Level	7	CHEM 122, CHEM 123, CHEM 124, CHEM 125 (10 hours)
Higher Level	4	CHEM 100 (5 hours)
Higher Level	5	CHEM 122, CHEM 123 (5 hours)
Higher Level	6–7	CHEM 122, CHEM 123, CHEM 124, CHEM 125 (10 hours)
Chinese A Language and Literature		
Standard or Higher Level	4–5	CHIN 103, CHIN 104 (8 hours)
Standard or Higher Level	6–7	CHIN 103, CHIN 104, CHIN 200 (11 hours)
Chinese A Literature		
Standard or Higher Level	4–5	CHIN 103, CHIN 104 (8 hours)
Standard or Higher Level	6–7	CHIN 103, CHIN 104, CHIN 200 (11 hours)
Chinese Language B		
Standard or Higher Level	4–5	CHIN 102, CHIN 103 (8 hours)
Standard Level	6–7	CHIN 103, CHIN 104 (8 hours)
Higher Level	6–7	CHIN 103, CHIN 104, CHIN 200 (11 hours)
Classic Greek and Roman Studies		
Standard Level	4–5	CL 100, CL 101 (6 hours)
Standard Level	6–7	CL 100, CL 101, CL 202, CL 203 (12 hours)
Computer Science		
Standard or Higher Level	4–5	Computer Science Elective Credit (3 hours)
Standard Level	6–7	CS 100 (3 hours)
Higher Level	6–7	CS 111 (3 hours)
Dance		
Standard or Higher Level	4–7	Theatre Elective Credit (3 hours)
Design Technology		
Standard or Higher Level	4–7	Design Elective Credit (4 hours)
Digital Society		
Standard or Higher Level	4–7	Individual and Society General Education Credit (3 hours)
Economics		
Standard or Higher Level	4–5	Economics Elective Credit (4 hours)
Standard or Higher Level	6–7	ECON 120, ECON 121 (8 hours)
English Language A: Language and Literature		
Higher or Standard Level	4–5	English Elective Credit (3 hours)
Higher or Standard Level	6–7	ENGL 160 (3 hours)
English Language A: Literature		
Standard Level	4–5	English Elective Credit (3 hours)
Standard Level	6–7	ENGL 101 (3 hours)
Higher Level	4–7	ENGL 101 (3 hours)
English Language AB Initio		
Standard Level	4–7	English Elective Credit (3 hours)
English Language B		
Standard or Higher Level	4	English Elective Credit (3 hours)
Standard or Higher Level	5–7	ENGL 101 (3 hours)
Environmental Systems and Societies		
Standard Level	4–5	Natural Science 100-Level Elective Credit (3 hours)
Standard Level	6–7	Natural Science 200-Level Elective Credit (5 hours)
Film		
Standard or Higher Level	4–7	Art Elective Credit (4 hours)

French Language A: Language and Literature		
Standard Level	4	FR 102, FR 103 (8 hours)
Standard Level	5–6	FR 103, FR 104 (8 hours)
Standard Level	7	FR 103, FR 104, FR 200-Level Language Course# (11 hours)
Higher Level	4–5	FR 103, FR 104 (8 hours)
Higher Level	6–7	FR 103, FR 104, FR 200-Level Language Course# (11 hours)
French Language A: Literature		
Standard or Higher Level	4–5	FR 103, FR 104 (8 hours)
Standard Level	6–7	FR 103, FR 104, FR 200-Level Language Course# (11 hours)
Higher Level	6	FR 103, FR 104, FR 200-Level Language Course# (11 hours)
Higher Level	7	French 200-Level Elective Credit, FR 103, FR 104 (14 hours)
French Language AB Initio		
Standard Level	4–5	FR 102, FR 103 (8 hours)
Standard Level	6–7	FR 103, FR 104 (8 hours)
French Language B		
Standard Level	4–5	FR 103, FR 104 (8 hours)
Standard Level	6–7	FR 103, FR 104, FR 200-Level Language Course# (11 hours)
Higher Level	4	FR 103, FR 104 (8 hours)
Higher Level	5–7	FR 103, FR 104, FR 200-Level Language Course# (11 hours)
Geography		
Standard Level	4–7	GEOG 100 (3 hours)
Higher Level	4–5	GEOG 100 (3 hours)
Higher Level	6–7	GEOG 100, Geography Elective Credit (6 hours)
German Language A: Language and Literature		
Standard Level	4–5	GER 103, GER 104, GER 211 (11 hours)
Standard Level	6–7	GER 103, GER 104, GER 211, GER 318 (14 hours)
Higher Level	4	GER 103, GER 104, GER 211 (11 hours)
Higher Level	5–7	GER 103, GER 104, GER 211, GER 318 (14 hours)
German Language A: Literature		
Standard Level	4–5	GER 103, GER 104, GER 211 (11 hours)
Standard Level	6–7	GER 103, GER 104, GER 211, GER 318 (14 hours)
Higher Level	4	GER 103, GER 104, GER 211 (11 hours)
Higher Level	5–7	GER 103, GER 104, GER 211, GER 318 (14 hours)
German Language AB Initio		
Standard Level	4–5	GER 103, GER 104, GER 211 (11 hours)
Standard Level	6–7	GER 103, GER 104, GER 211, GER 318 (14 hours)
German Language B		
Standard Level	4–5	GER 103, GER 104, GER 211 (11 hours)
Standard Level	6–7	GER 103, GER 104, GER 211, GER 318 (14 hours)
Higher Level	4	GER 103, GER 104, GER 211 (11 hours)
Higher Level	5–7	GER 103, GER 104, GER 211, GER 318 (14 hours)
Global/World Politics		
Standard or Higher Level	4–5	Political Science Elective Credit (3 hours)
Standard or Higher Level	6–7	POLS 184 (3 hours)
Greek Classic Languages		
Standard or Higher Level	4–5	Classics Elective Credit (4 hours)
Standard or Higher Level	6–7	GKA 103, GKA 104 (8 hours)
Hindi A: Literature		

Standard Level	4–7	HNUR 103, HNUR 104 (8 hours)
Higher Level	4–7	HNUR 103, HNUR 104 (8 hours)
Hindi B		
Standard Level	4–7	HNUR 103, HNUR 104 (8 hours)
Higher Level	4–7	HNUR 103, HNUR 104 (8 hours)
History: Route 1		
Standard Level	4–7	History Elective Credit (3 hours)
Higher Level	4	History Elective Credit (3 hours)
Higher Level	5–7	HIST 101 (3 hours)
History: 20th Century World History		
Standard Level	4–7	History Elective Credit (3 hours)
History: Africa: Route 2, Option 1		
Higher Level	4–7	History Elective Credit (3 hours)
History: Americas: Route 2, Option 2		
Higher Level	4	History Elective Credit (3 hours)
Higher Level	5–7	HIST 104 (3 hours)
History: Asia/ Oceania: Route 2, Option 3		
Higher Level	4	History Elective Credit (3 hours)
Higher Level	5–7	HIST 109 (3 hours)
History: Europe/ Middle East: Route 2, Option 4		
Higher Level	4	History Elective Credit (3 hours)
Higher Level	5–7	HIST 101 (3 hours)
Human Rights		
Standard Level	4–7	CLJ 110 (3 hours)
Information Technology in a Global Society		
Standard or Higher Level	4–7	Information Technology Elective Credit (3 hours)
Italian Language AB Initio		
Standard Level	4–6	ITAL 101, ITAL 102 (8 hours)
Standard Level	7	ITAL 102, ITAL 103 (8 hours)
Italian Language B		
Standard Level	4–5	ITAL 103, ITAL 104 (8 hours)
Standard Level	6–7	ITAL 103, ITAL 104, ITAL 200 (11 hours)
Higher Level	4–7	ITAL 103, ITAL 104 , ITAL 200 (11 hours)
Japanese Language AB Initio		
Standard Level	4	JPN 101 (4 hours)
Standard Level	5–7	JPN 101, JPN 102 (8 hours)
Japanese Language B		
Standard or Higher Level	4	JPN 102, JPN 103 (8 hours)
Standard Level	5–7	JPN 103, JPN 104 (8 hours)
Higher Level	5–7	JPN 103, JPN 104, JPN 200 (11 hours)
Korean A Literature		
Standard or Higher Level	4	KOR 102, KOR 103 (8 hours)
Standard or Higher Level	5–7	KOR 103, KOR 104, KOR 201 (11 hours)
Korean Language B		
Standard or Higher Level	4	KOR 102, KOR 103 (8 hours)
Standard Level	5–7	KOR 103, KOR 104 (8 hours)
Higher Level	5–7	KOR 103, KOR 104, KOR 201 (11 hours)
Latin Classic Languages		
Standard Level	4–5	LAT 101 (4 hours)
Standard Level	6–7	LAT 101, LAT 102 (8 hours)
Higher Level	4–5	LAT 102, LAT 103 (8 hours)
Higher Level	6–7	LAT 103, LAT 104 (8 hours)
Literature and Performance		
Standard Level	4–7	English Elective Credit (3 hours)
Mandarin Language AB Initio		
Standard Level	4–5	CHIN 101 (4 hours)
Standard Level	6–7	CHIN 101, CHIN 102 (8 hours)
Marine Science		
Standard Level	4–5	Earth and Environmental Sciences Elective Credit (3 hours)

Standard Level	6–7	Earth and Environmental Sciences Elective Credit (4 hours)
Mathematics: Analysis and Approaches		
Standard Level	4–7	MATH 110
Higher Level	4–5	MATH 121
Higher Level	6–7	MATH 180
Mathematics: Applications and Interpretation		
Standard Level	4–7	MATH 110
Higher Level	4–7	MATH 121
Music		
Higher Level	4–7	MUS 107 (3 hours)
Music: Option 1—Creating		
Standard Level	4–7	MUS 107 (3 hours)
Music: Option 2—Performing		
Standard Level	4–7	MUS 107 (3 hours)
Peace and Conflict Studies		
Standard Level	4–5	Political Science Elective Credit (3 hours)
Standard Level	6–7	POLS 184 (3 hours)
Philosophy		
Standard or Higher Level	4–5	Philosophy Elective Credit (3 hours)
Standard or Higher Level	6–7	PHIL 100 (3 hours)
Physics		
Standard Level	4–7	Physics Elective Credit (4 hours)
Higher Level	4–7	Physics Elective Credit (5 hours)
Polish Language A: Literature		
Standard Level	4–5	POL 103, POL 104 (8 hours)
Standard Level	6–7	POL 103, POL 104, POL 201 (11 hours)
Higher Level	4–5	POL 103, POL 104, POL 201 (11 hours)
Higher Level	6–7	POL 103, POL 104, POL 201, POL 202 (14 hours)
Political Thought		
Standard Level	4–5	Political Science Elective Credit (3 hours)
Standard Level	6–7	POLS 120 (3 hours)
Psychology		
Standard or Higher Level	4–7	PSCH 100 (4 hours)
Russian Language A: Language and Literature		
Standard Level	4–5	RUSS 101, RUSS 102 (8 hours)
Standard Level	6–7	RUSS 102, RUSS 103 (8 hours)
Higher Level	4–5	RUSS 103, RUSS 104 (8 hours)
Higher Level	6–7	RUSS 103, RUSS 104, RUSS 201 (11 hours)
Russian Language A: Literature		
Standard Level	4–5	RUSS 101, RUSS 102 (8 hours)
Standard Level	6–7	RUSS 102, RUSS 103 (8 hours)
Higher Level	4–5	RUSS 103, RUSS 104 (8 hours)
Higher Level	6–7	RUSS 103, RUSS 104, RUSS 201 (11 hours)
Russian Language AB Initio		
Standard Level	4–5	RUSS 101 (4 hours)
Standard Level	6–7	RUSS 101, RUSS 102 (8 hours)
Russian Language B		
Standard Level	4–5	RUSS 101, RUSS 102 (8 hours)
Standard Level	6–7	RUSS 102, RUSS 103 (8 hours)
Higher Level	4–5	RUSS 103, RUSS 104 (8 hours)
Higher Level	6–7	RUSS 103, RUSS 104, RUSS 201 (11 hours)
Spanish Language A: Language and Literature		
Standard or Higher Level	4–7	SPAN 103, SPAN 104, SPAN 200 (11 hours)
Spanish Language A: Literature		
Standard or Higher Level	4–5	SPAN 103, SPAN 104, SPAN 200 (11 hours)
Standard or Higher Level	6–7	SPAN 103, SPAN 104, SPAN 202, SPAN 203 or SPAN 204, SPAN 210 (17 hours)
Spanish Language AB Initio		
Standard Level	4–5	SPAN 101, SPAN 102 (8 hours)
Standard Level	6–7	SPAN 102, SPAN 103 (8 hours)
Spanish Language B		

Standard Level	4–5	SPAN 113 (4 hours)
Standard Level	6–7	SPAN 113, SPAN 114 (8 hours)
Higher Level	4–5	SPAN 113, SPAN 114 (8 hours)
Higher Level	6–7	SPAN 113, SPAN 114, SPAN 202 (11 hours)
Sports, Exercise and Health Science		
Standard Level	4–7	Kinesiology Elective Credit (3 hours)
Theatre		
Standard or Higher Level	4–7	Theatre Elective Credit (3 hours)
Visual Arts		
Standard or Higher Level	4–7	Art Elective Credit (4 hours)
World Arts and Cultures		
Standard Level	4–7	Art History Elective Credit (3 hours)
World Religions		
Standard Level	4–7	RELS 101 (3 hours)

a *Students admitted prior to Fall 2026 should consult the* archived catalog *from their admission year for information on credit awarded for IB exams.*

b *May satisfy requirements in the major/minor in place of FR 211, FR 212, FR 213, or FR 214.*

c *Transfer students who have exam scores from Mathematical Studies, Mathematics, or Further Mathematics should consult the* archived catalog *for information on credit awarded.*

College-Level Examination Program (CLEP)

UIC awards credit based on scores earned on the College Level Examination Program (CLEP). When seeking credit for a CLEP exam taken at another institution, your official score will be evaluated on UIC's credit-granting policy.

CLEP credit will not count toward general education credit, university writing, quantitative reasoning, foreign language, advanced-level hours, residency, major, or minor requirements. A student cannot take a CLEP exam in a subject in which they have earned credit. Three elective (lower-level) semester hours will be awarded per exam as detailed below. A maximum of 30 semester hours is allowed.

The full list of CLEP tests available is available online. The Office of Testing Services administers CLEP tests on campus. For further information on CLEP examinations, call the UIC Testing Services at (312) 996-0919.

CLEP Exam Policy for Students Enrolled at UIC beginning in Fall 2026 [a]

Exam	Minimum Accepted Score
Composition and Literature	
American Literature	53
Analyzing and Interpreting Literature	59
College Composition	59
College Composition Modular	60
English Literature	62
Humanities	55
World Languages	
French Language: Level 1	64
French Language: Level 2	69
German Language: Level 1	59
German Language: Level 2	67
Spanish Language: Level 1	56
Spanish Language: Level 2	68
History and Social Sciences	
American Government	63
History of the United States I: Early Colonization to 1877	56
History of the United States: 1865 to the Present	57
Human Growth and Development	58
Introduction to Educational Psychology	62
Introductory Psychology	59
Introductory Sociology	56
Principles of Macroeconomics	62
Principles of Microeconomics	64
Social Sciences and History	62
Western Civilization I: Ancient Near East to 1648	55
Western Civilization II: 1648 to the Present	54
Science and Math	
Biology	56
Calculus	64
Chemistry	65
College Algebra	63
College Mathematics	57
Natural Sciences	62
Precalculus	61
Business	
Financial Accounting	65
Information Systems	66
Introductory Business Law	60
Principles of Management	63
Principles of Marketing	65

a *Students admitted prior to Fall 2026 should consult the* archived catalog *from their admission year for information on credit awarded for CLEP exams.*

A Level Examinations

A Level Policy for Students Admitted to and Enrolled at UIC Beginning in Fall 2026 [a]

UIC awards credit on the basis of grades earned on Cambridge Advance Level Examinations (A Levels). UIC does not award credit for AS Level

exams. Students who have completed an A Level examination not listed that they would like reviewed for credit should contact their academic advisor.

Exam	Grade	Course Equivalent
Accounting	A, B, C	ACTG 210, ACTG 211 (6 hours)
Art and Design	A, B, C	CADA Elective (3 hours)
Biology	A, B, C	BIOS 110, BIOS 120 (8 hours)
Chemistry	A, B, C	CHEM 122, CHEM 124 (6 hours)
Chinese	A, B, C	200-Level Chinese (4 hours)
Classical Studies	A, B, C	CL 100, CL 101 (6 hours)
Computer Science	A, B, C	CS 100 (3 hours)
Design and Technology	A, B, C	Non-Major Design Elective (3 hours)
Digital Media and Design	A, B, C	Non-Major Design Elective or Non-Major Art Elective (3 hours)
Economics	A, B, C	ECON 120, ECON 121 (8 hours)
English - Language	A, B, C	ENGL 101 (3 hours)
English - Literature	A, B, C	ENGL 101 (3 hours)
French	A, B, C	200-Level French (3 hours)
Geography	A, B, C	GEOG 100 (3 hours)
German	A, B, C	GER 211 (3 hours)
History	A, B, C	100-Level History (3 hours)
Information Technology	A, B, C	IDS 200 (4 hours)
Mathematics	A, B	MATH 180, 200-Level Math (7 hours)
Mathematics - Further	A, B	MATH 180, MATH 181, MATH 215, STAT 401 (14 hours)
Media Studies	A, B, C	200-Level Communication (3 hours)
Music	A, B, C	Non-Major Music Elective (3 hours)
Physics	A, B, C	Physics 9702: PHYS 131, PHYS 132 (8 hours) OR Physics 9702 and Mathematics 9709: PHYS 141, PHYS 142 (8 hours)
Psychology	A, B, C	PSCH 100 (4 hours)
Sociology	A, B, C	SOC 100 (3 hours)
Spanish	A, B, C	SPAN 202 (3 hours)

a *Students admitted prior to Fall 2026 should consult the* archived catalog *from their admission year for information on credit awarded for A Level Examinations.*

State Seal of Biliteracy

Students who present appropriate documentation of the Seal to their advisor within three years of high school graduation will be awarded UIC proficiency credit as indicated below. For languages not listed below, 4 semester hours of foreign language elective credit will be awarded. The State Seal of Biliteracy must be earned in Illinois to be recognized by UIC.

Seal	Course Equivalent
Arabic	ARAB 103 (4 hours)
Chinese	CHIN 103, CHIN 104 (8 hours)
French	FR 103 (4 hours)
German	GER 103, GER 104 (8 hours)
Italian	ITAL 103 (4 hours)
Japanese	JPN 103, JPN 104 (8 hours)
Korean	KOR 103, KOR 104 (8 hours)
Latin	LAT 103 (4 hours)
Polish	POL 104 (4 hours)
Russian	RUSS 104 (4 hours)
Spanish	SPAN 104 (4 hours)

Proficiency Examinations for Enrolled Students

Proficiency examinations may be offered in some subjects. Students should consult with the department to determine which examinations are offered. Before taking any proficiency examination, the student must obtain the consent of the college dean as well as the head or chairperson of the department concerned. Proficiency examinations in foreign languages are restricted to post-intermediate levels. No proficiency examinations are given at the introductory or intermediate levels of a foreign language.

Proficiency examinations in more advanced undergraduate subjects may also be given if the head or chairperson of the department recommends and the dean of the college concerned approves it. There is no fee for these examinations.

The grade given in proficiency examinations is either “pass” or “fail” but a student does not receive a “pass” unless at least the equivalent of a C is earned. Neither grade is included in the computation of the student’s average; no official record is made of a “fail.”

A student who passes a proficiency examination is given the amount of credit toward graduation regularly allowed in the course if the course is acceptable in the curriculum. However, if such credit duplicates credit counted for admission to the university, it is not given.

Proficiency examinations are given only to:

1. Persons who are in residence at UIC.
2. Persons who, though not currently enrolled, are degree candidates at the university and need no more than 10 semester hours to complete their degree requirements.
3. Persons enrolled at one University of Illinois campus who wish to take an examination being given at another campus. They must secure

an Application for Concurrent Registration from the Office of the Registrar.

Proficiency examinations may not be taken:

1. By students who have received credit for more than one term of work in the subject in advance of the course in which the examination is requested.
2. To raise grades or to improve failures in courses.
3. In a course the student has attended as a visitor/auditor.

Credit earned through proficiency examinations neither applies toward nor interrupts the enrollment residence requirement. See Enrollment Residence Requirement in the University Degree Requirements, Graduation, and Commencement (p. 103) section of the catalog.

Credit for Military Service

Completion of not less than six months of extended duty in any branch of the armed forces of the United States entitles an applicant to four semester hours in basic military science. These four hours will not be used in determining grade point average for transfer admission. Some colleges may limit or not allow credit in basic military science to count toward the degree. Refer to the sections for the individual colleges in this catalog for details.

Credit at the baccalaureate level will not be issued for coursework from the American Council on Education Military Guide. Colleges will work with students to obtain proficiency credit for associated coursework.

Courses successfully completed at a regionally or nationally accredited post-secondary institution[a], taken while the student was in service, will be reviewed for transferability after an offer of admission. It is the enrolled student's responsibility to have transcripts from all institutions attended sent directly to the Office of Admissions. Students who transfer coursework may anticipate some loss of credit. This might require more time to complete the degree than had been originally planned. When the loss of credit occurs, it does not imply a negative evaluation of a student's transfer work but rather a lack of appropriateness for the programs of the college. Attendance at orientation is strongly encouraged as an individualized assessment of progress-to-degree and appropriate course selection will be reviewed.

a *The university evaluates transfer work completed at institutions accredited by a regional or national accrediting organization recognized by the* Council for Higher Education Accreditation (CHEA)*, including institutions under candidacy status.*

Alternative Sources of Credit for Continuing Students

Demonstrating Writing Proficiency for a Waiver of English 160 or English 161

The First-Year Writing Program in the Department of English is responsible for administering waivers of ENGL 160 or ENGL 161 to eligible students. Please note that a waiver of the course will simply remove the degree requirement for the course but will not grant a student three hours of passing credit for the course. Students should consult the First-Year Writing Program for more information on the writing portfolios described below.

The ENGL 160 requirement is waived for students who:

- Received an ACT English subscore of 27 or higher, an SAT Reading and Writing score of 630 or higher; students meeting this criterion receive three hours of passing credit for ENGL 160.
- Received a score of 3, 4, or 5 on the AP English Language and Composition test; students meeting this criterion receive three hours of passing credit for ENGL 160.
- Received a score of 6 or 7 on the IB English A (Language & Literature) test; students meeting this criterion receive 3 hours of passing credit for ENGL 160.
- Qualify for and submit a writing portfolio that is approved by the First-Year Writing Program at UIC; students meeting this criterion receive a waiver of the ENGL 160 coursework requirement.

The ENGL 161 requirement is waived for students who:

- Qualify for and submit a writing portfolio that is approved by the First-Year Writing Program at UIC; students meeting this criterion receive a waiver of the ENGL 161 coursework requirement.

Retroactive Credit for First-Year Writing Courses

A student who places into ENGL 161 via the Writing Placement Test and subsequently passes ENGL 161 with a grade of B or higher may receive academic proficiency credit for ENGL 160. The ENGL 160 requirement would still be waived for any student who does not earn a grade of B or higher in ENGL 161, but credit for ENGL 160 would not be granted. This would apply only to incoming students who place into ENGL 161 via the placement test and who do not have prior credit for college writing coursework.

Grading and the Grade Point System

UIC utilizes a 4.00 grade point system, where 4.00 = A. See chart below:

Grades	Equivalent	Grade Points Per Hour
A	Excellent	4
B	Good	3
C	Average	2
D	Poor but passing	1
F	Failure	0

Symbols

The following symbols are used in grading, but are not included in computation of the grade point average.

Symbol	Description
W	**Withdrawn**. Withdrawn from the course without penalty (no grade).
DFR	**Deferred**. Grade deferred (graduate courses, independent study courses, and certain study abroad courses only).
S/U	**Satisfactory/Unsatisfactory**. Used in graduate thesis research courses, graduate courses given for zero credit, and some undergraduate courses for which this grade is specifically approved.
S*	**Satisfactory**. Credit earned does not apply toward earned hours or graduation.
CR/NC	**Credit/No Credit**. Used only in courses taken under credit/no credit option. See Credit/No Credit heading in this section of the catalog.

NR	**Not Recorded**.
I	**Incomplete**. Coursework is incomplete when a student fails to submit all required assignments or is absent from the final examination. Incomplete coursework will normally result in a failing grade if it is not completed within the designated time limit. The I may be assigned in lieu of a grade only when all of the following conditions are met: (a) the student has been making satisfactory progress in the course; (b) the student is unable to complete all coursework due to unusual circumstances that are beyond personal control and are acceptable to the instructor; and (c) the student presents these reasons prior to the time the final grade roster is due. The instructor must submit an Incomplete Grade Assignment report when entering final grades for the I to be recorded. This report is a contract for the student to complete the coursework with that instructor or one designated by the department executive officer in the way described and by a time indicated on the report. In resolving the I, the student may not register for the course a second time, but must follow the procedures detailed on the report. An I must be removed within one calendar year subsequent to the incurrence of the I. When the student submits the coursework, the instructor will grade it and change the I to the appropriate grade. If an undergraduate student fails to meet the stated conditions, an F will be assigned for the final grade.
PS	**Pass** is used for proficiency and special examinations.
F	**Failure**

Credit/No Credit Option

Students may elect to take a course under the credit/no credit option according to the following provisions:

1. The student must be in good standing as defined by the chosen college.
2. A maximum of 21 semester hours of credit may be earned at UIC under the credit/no credit option. If a student withdraws from a credit/no credit course before the end of the last day of instruction in the tenth week of the term, the semester hours the course carries will not count toward the total of 21 authorized.
3. No more than one course per term may be taken under this option.
4. This option may not be used in any course required for the major, including prerequisite and collateral courses.[a]
5. The option may not be used for ENGL 160 and ENGL 161.
6. The credit/no credit option in a course must be elected by the end of the tenth day of instruction of the term.
7. The credit/no credit option in a course cannot be revoked after the close of the tenth day of instruction in the term.
8. A college or school may by action of its faculty institute a more restrictive policy for any or all of the above provisions.
9. Instructors are not informed that the option has been elected but assign a letter grade in the usual manner. The Office of the Registrar retains a record of that letter grade in the student records system, but it is not entered on the student transcript, except as hereafter provided.
10. For courses taken under the credit/no credit option, a grade of CR is recorded on the transcript if a letter grade of A, B, C, or D is earned. If the letter grade F is assigned, an NC is entered on the transcript. Grades of I and DFR are replaced by CR or NC upon completion of the courses or converted to NC if the course completion deadline for an I is not met.
11. The grades of CR and NC are not used in the computation of the GPA.
12. Grades of CR and NC are final and cannot be reconverted to letter grades, except under the following circumstances. If, during the student's final term prior to graduation, it is found that one or more of the courses needed to satisfy major field requirements were completed under the credit/no credit option at UIC (prior to the declaration of the major or prior to intercollegiate or intercurricular transfer), the student may elect that a sufficient number of CR grades be replaced by the originally assigned letter grades to meet major requirements. Only the minimum number of reconversions will be made. If such a minimum can be met by more than one selection of reconversions, the student may indicate a preference. This same policy applies in the case of any additional restrictions instituted by a college or school under Provision 8.
13. Students must apply at their college office no later than the tenth day of the term (first Wednesday of Summer Session 1 or first Friday of Summer Session 2) to have a course designated for credit/no credit grading option.

a *Collateral courses are those courses taken outside the major department that are essential to the major and are defined as such by each college.*

Calculating the Grade Point Average (GPA)

Take the grades for each course taken and determine the grade points per hour: A=4, B=3, C=2, D=1, F=0.

- Multiply the grade points per hour for each course by the number of semester hours for the course to get the grade points for each course.
- Add the grade points for each course to get the total number of grade points for the semester.
- Add the semester hours taken for each course to get the total number of semester hours.
- Divide total number of grade points for the semester by the total number of semester hours taken.

The following example illustrates how to calculate the GPA.

Grades	Grade Points/ Hour		Semester Hours Attempted		Grade Points/ Course
A	4	X	4	=	16
B	3	X	3	=	9
C	2	X	5	=	10
D	1	X	3	=	3
F	0	X	2	=	0
Semester Totals			**17**		**38**

The GPA for the example above is 38 divided by 17 or 2.23 on a 4.00 scale (2.23/4.00).

Note: Courses numbered 001–099 do not carry credit toward graduation. Grades for these courses are not calculated in the GPA.

Time Limit on Grade Changes

Changes/corrections to final grades are permitted up to two years after recording the final grade in a student's academic record so long as the course instructor, department chair/head, and college office approve of the change/correction. No grade changes/corrections are allowed after the two-year time limitation. Colleges are permitted, however, to adopt a more restrictive time limit policy. Students should check with their colleges concerning the time limit policy.

Full- and Part-Time Enrollment Status

Semester Hours Taken	Academic Term	Enrollment Status
12–18[a]	Fall and spring semesters	Full-time status
6–12[a]	Summer session	Full-time status
9–11	Fall and spring semesters	Three-quarters-time status
5	Summer session	Three-quarters-time status
6–8	Fall and spring semesters	Half-time status
3–4	Summer session	Half-time status
5 or less	Fall and spring semesters	Less than half-time status
2 or less	Summer session	Less than half-time status

a *Enrollment in more than 18 semester hours in fall or spring, or more than 12 semester hours in summer is considered overload. Overload requires permission from the student's major college.*

The university uses full- and part-time enrollment in the assessment of tuition and fees. It is also used in determining eligibility for financial aid and the rules governing satisfactory academic progress for renewal of financial aid. In addition, some degree programs require or recommend full-time enrollment.

Academic Notice and Dismissal Rules

The following are minimum UIC undergraduate term notice, academic notice, and dismissal criteria that apply to both full-time and part-time students. Colleges or programs may have higher standards.

Term Notice Rules

1. A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose cumulative grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning.

A student on term notice who earns a GPA of at least 2.00/4.00 will be removed from term notice.

Academic Notice Rules

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.00/4.00. This rule applies even for the student with a cumulative GPA of 2.00/4.00 or higher. For such a student, academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with a cumulative GPA lower than 2.00/4.00.
3. A student readmitted by petition may be placed on academic notice with a UIC GPA lower than 2.00/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.00/4.00.

A student on academic notice who earns a GPA of at least 2.00/4.00 in a given term will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC coursework must also be at least a 2.00/4.00.

A student currently on academic notice will be continued on academic notice when the one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the student's transfer credit and UIC coursework to at least 2.00/4.00.

The dean of the student's college determines the conditions of academic notice. In addition to specifying the GPA, the dean may require the completion of specific courses, may limit the number of hours for which the student registers, and may exclude the student from taking certain courses while on academic notice.

Dismissal Rules [a]

1. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the grade point average required by the academic notice and in which the cumulative GPA in courses taken at UIC is less than 2.00/4.00.
2. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the GPA required by the academic notice and in which the combined transfer and UIC grade point average is less than 2.00/4.00.
3. A student who fails to make progress toward a degree may be dismissed. Examples include failure to complete required courses, accumulation of an excessive number of Incomplete grades, failure to earn credit in any semester, failure to maintain a C average in the major discipline.
4. In addition to the term notice, academic notice, and dismissal rules above, a college or a school may impose criteria for dismissing a student from a curriculum or college without a prior term notice or academic notice, may impose other conditions of term notice or academic notice, and may specify a minimum lapse of time between a dismissal action and consideration of a petition for readmission. The dismissal rules may be waived when, in the judgment of the student's college, the student's overall record warrants such action.

a *In other university publications Dismissal Rules are sometimes referred to as Drop Rules. Term Notice and Academic Notice may be referred to as Probation.*

Academic Planning and Progress

Academic Planning and Progress

UIC entrusts its students with the responsibility of managing their academic planning and progress. The university expects students to follow the degree requirements and academic policies outlined in this publication. Students choose their degree programs, select and register for courses each term, and track their progress toward degree completion. In return, UIC provides students with a range of resources that are useful for academic planning, completing course requirements, and remaining on track for graduation. Many of these academic planning resources can be accessed online using the portal my.UIC.

Online Planning Resources

uAchieve Degree Audit

uAchieve produces a degree audit intended for use within the university to facilitate advisement and to monitor progress toward undergraduate program completion. The degree audit identifies all requirements of the student's chosen degree program, indicates how they have been met, and provides lists of approved courses to fulfill remaining requirements. uAchieve is accessed through the my.UIC portal on the Degree Audit tab.

Transferology

Transferology works in conjunction with uAchieve to create transfer planning guides. Transferology planning guides assist prospective students by providing current information about how transfer credit is applied to specific UIC undergraduate degree programs. Learn more at Transferology.

Current UIC students should contact their college advising office for information on transfer credit restrictions prior to enrolling in courses at other institutions.

Catalog and Course Descriptions

The Undergraduate Catalog is published annually in html and PDF formats. The html version is updated regularly as degree programs, courses, and requirements change. The PDF version remains static as degree programs and requirements change.

Course descriptions are in the catalog. A listing of courses for each term can be accessed through the XE Registration system at my.UIC.

University Resources for Planning and Progress

The following university resources and programs may assist students with aspects of their academic planning and progress. A more comprehensive list is available on the UIC website.

Academic Advising

Academic Advising Mission Statement

The mission of academic advising at the University of Illinois Chicago is to ensure successful undergraduate educational experiences. Academic advising is centered in the colleges. The larger advising network assists students with making the transition to college life and guides their informed decisions about the academic priorities, progress, and goals integral to completing degrees and preparing for careers.

Identifying the Advisor and Scheduling Appointments

Academic advisors are professional staff and faculty members who assist students with course selection, scheduling, degree requirements, administrative requirements, the interpretation of rules and regulations, and the utilization of campus resources. Academic advising is available to all UIC students. Academic advising at UIC is decentralized, which means that it occurs in the major college or department. Students can learn more about academic advising at UIC by visiting the Office for Advising Development's website.

Office of the Dean of Students

3030 Student Services Building (SSB)
(312) 996-4857
http://deanofstudents.uic.edu

The mission of the Office of the Dean of Students is to provide a student-centered, learning environment that offers support, advocacy, and resources that contribute to student success. This is accomplished through a number of services available directly to students:

- Student Advocacy Services
- Student Ombuds Services
- Student Conduct Process
- Student Veteran Affairs
- Student Legal Services

Additionally, office staff serve as advisors to student governments on campus and help support the university community through programming and consultative support for students, faculty, and administrators. Learn more by visiting the Dean of Students website.

Disability Resource Center

1200 West Harrison Street
Room 1070 SSB (MC 321)
Chicago, IL 60607
(312) 413-2183 Voice
(312) 413-0123 TTY/Videophone
(312) 413-7781 FAX
Email: drc@uic.edu
http://drc.uic.edu

The Disability Resource Center (DRC) provides accommodations and services to students with permanent and temporary disabilities. To be eligible for accommodations through the DRC, students must be admitted or attending the University of Illinois Chicago and have a documented disability condition as defined by the Americans with Disabilities Act of 1990 (ADA) and Section 504 of the Rehabilitation Act of 1973.

Students with disabilities are required to provide documentation of their disability and how it may limit their participation at UIC. Students may receive accommodations to ensure access to the classroom and learning environment, campus housing or transportation as deemed appropriate. Students requesting accommodations in campus housing should submit their housing application available for all students, as early as possible, even before they register with the DRC.

Ideally, students should contact the Disability Resource Center preferably six (6) weeks before the start of the semester, or immediately following diagnosis of a disability, to register and discuss accommodation needs.

Incoming freshmen and transfer students may want to contact our office sooner if accommodations will be needed for placement tests. Learn more by visiting the Disability Resource Center website.

Office of External Fellowships

802 University Hall (UH)
(312) 355-2477
https://oef.uic.edu

The Office of External Fellowships (OEF) provides extensive advisement and assistance to current UIC undergraduate students, and to recent alumni, in finding and applying for merit-based, nationally and internationally competitive fellowships, scholarships, and grants. These competitive fellowships can help UIC students pursue their academic and career interests both here in Chicago and around the globe.

With the help of OEF, UIC students learn to present themselves clearly and effectively for awards that best suit their interests and goals. OEF provides advisement through the whole process, including mentoring, review of essay drafts, and interview preparation, so that a student's application is as strong as it can be.

Each year, UIC students compete for and win some of the most prestigious scholarships and fellowships that exist. Awards that UIC students have won include the Rhodes Scholarship, the Fulbright Grant, the Gates-Cambridge Scholarship, the Goldwater Scholarship, the Rangel Fellowship, and the Truman Scholarship, among others. Learn more by visiting the OEF website.

Reserve Officers' Training Corps

Air Force Reserve Officers' Training Corps (AFROTC) Program

Contact Information:
airforcerotc@uchicago.edu
(312) 702-0865
https://www.afrotc.com/college/university-of-illinois-chicago

Address:
Air Force ROTC Detachment 195
10 West 35st Street
15th Floor
Chicago, IL 60616

Full-time students who desire to earn, upon graduation, a commission as a second lieutenant in the U.S. Air Force, should consider joining the Air Force ROTC program. Through a crosstown agreement with the University of Chicago, UIC students take Air Force ROTC courses at University of Chicago. Learn more by visiting the AFROTC website.

Army Reserve Officers' Training Corps (ROTC) Program

University of Illinois Chicago
Roosevelt Road Building (RRB)
728 West Roosevelt Road
(312) 413-2357, (312) 413-2356, or (312) 413-2355
armyrotc@uic.edu
https://rotc.uic.edu

Army ROTC at UIC is specifically designed to give college students training and experience in the art of organizing, motivating, and leading others while completing their studies for a baccalaureate degree in an academic discipline of their own choice. Completion of the program leads to a commission in the U.S. Army. The Reserve Officer Training Corps (ROTC) is open to all eligible full-time students, both male and female. A total of 32 semester hours of academic credit is available and is potentially applicable to graduation requirements as elective credit. Learn more by visiting the ROTC website.

Naval Reserve Officers Training Corps (NROTC) Program

Illinois Institute of Technology
NROTC IIT
10 W. 35th Street
Chicago, IL 60616
(312) 567-3530
nrotc@iit.edu
http://www.iit.edu/nrotc

Through the Naval Reserve Officers Training Corps (NROTC) program, young men and women prepare for rewarding careers as officers in the United States Navy or the United States Marine Corps. Midshipmen from the NROTC Chicago Consortium go on to have successful careers serving as officers in the Submarine, Surface Warfare, Naval Aviation, and Marine Corps communities after completion of their undergraduate program. Learn more by visiting the NROTC website.

Study Abroad Office

502 University Hall (UH)
(312) 413-7662
http://studyabroad.uic.edu

With a focus on supporting as many students as possible in becoming effective and influential leaders in civil society, the Study Abroad Office strives to internationalize the curriculum through program opportunities on six continents; engage UIC's highly diverse student population to become intentional learners with increased global awareness; and assure student access to scholarship and grant support for an international academic experience.

Students may participate in a summer, semester, or yearlong academic experience by selecting from more than 200 programs in over 50 countries on six continents across all academic disciplines. Students have access to programs in a variety of subjects, from foreign languages, social sciences, and humanities to business, natural science, and engineering. Many programs also include a credit-bearing internship or field research component, giving students an opportunity to gain valuable practical experience working or doing research in an international environment. Programs award academic credit toward graduation requirements. All courses and grades appear on the student's UIC transcript.

Institutional and federal financial aid can be applied to study abroad. In addition, there are generous scholarship and grant funds to support international study. Learn more by visiting the Study Abroad website.

Summer Session Office

1200 W. Harrison Street (1300 SSB)
(312) 996-9099
summer@uic.edu
http://summer.uic.edu

The UIC Summer Session Office works to provide both current UIC and visiting students with timely information about the UIC summer sessions. UIC offers students two summer sessions, Summer Session 1 (4-week

session) followed by Summer Session 2 (8-week session). Learn more by visiting the Summer Session website.

Continuing UIC Students and Summer Session

Continuing UIC students register for summer in the same way as they do for fall or spring. In the spring, all eligible, continuing UIC students will be notified as to when they can view their Time Ticket online for summer and fall registration. The Time Ticket shows the earliest date and time that a student may register. As a general rule, undergraduate students may take up to 12 semester hours over the summer without special approval —either as a combination of courses taken in the 4-week and 8-week sessions, or just courses taken in the 8-week session.

Visiting Students and Summer Session

Visiting students who want to take undergraduate courses at UIC during the summer only and who do not intend to continue at UIC in the fall should apply using the Summer Session Only application. Please see the Summer Session website for further information on admission criteria and the application process. Summer Session Only students are admitted as nondegree students and are eligible to register for summer classes. Summer Session Only students may register online during Open Registration for summer, (check the Summer Session website for exact dates). As a general rule, Summer Session Only students may take up to 12 semester hours without special approval—either as a combination of courses taken in the 4-week and 8-week sessions, or just courses taken in the 8-week session.

Technology Solutions

Client Services Office
http://go.uic.edu/ask-an-IT-question
(312) 413-0003

Technology Solutions is the university's central IT department, overseeing many of the technologies and services critical to various UIC functions and operations. Technology Solutions provides students with the support and technologies they need to achieve their academic goals.

Technology Solutions provides and manages academic IT operations and support only; it is not responsible for course registration, tuition information, grades, or transcripts.

UIC Help Center

To view a complete list of Technology Solutions services, visit the UIC Help Center at help.uic.edu. The UIC Help Center provides students with a one-stop-shop to browse and request services, get tech support, and search for answers to frequently asked tech questions.

IT at UIC Website

Stay updated on university tech news, service announcements and student IT resources. The IT at UIC website provides a centralized location for IT news and information relevant to the UIC Community. Visit the IT at UIC website to view academic IT resources available to students including communication tools, computer labs, printing resources, software and licensing, equipment lending, tech support, and more.

University Library

http://library.uic.edu

Richard J. Daley Library

801 South Morgan Street
Circulation Desk: (312) 996-2724
Reference Desk: (312) 996-2726

Library of the Health Sciences

750 West Polk Street

The Richard J. Daley Library contains books, journals, and specialized materials in the humanities, arts, social sciences, mathematics, sciences, and engineering. The Library of the Health Sciences (LHS) contains collections supporting teaching, research, and clinical programs in applied health sciences, dentistry, medicine, nursing, pharmacy, and public health. Learn more by visiting the Library's website.

Academic Support Services

The following are some of the units that provide academic support services to students. A more comprehensive list is available on the UIC website.

Academic Center for Excellence

2900 Student Services Building (SSB)
(312) 413-0031
http://ace.uic.edu

The Academic Center for Excellence (ACE) helps UIC students achieve their academic goals by strengthening their study strategies and academic skills. ACE offers assistance to UIC students at all levels, from first year through graduate or professional school. Learn more by visiting the ACE website.

African American Academic Network

2800 Student Services Building (SSB)
(312) 996-5040
https://aaan.uic.edu

The African American Academic Network (AAAN) is a unique support program that assists UIC's African American student population from admissions through graduation. AAAN's programs and services are designed to meet the academic, cultural, social, and motivational needs of African American students. Learn more by visiting the AAAN website.

CHANCE Program

2560 Student Services Building
chance@uic.edu
(312) 355-5025
https://chance.uic.edu

The mission of the UIC CHANCE Program is to recruit and retain academically qualified underrepresented candidates from Chicago and suburban communities in need of enrichment and learning skills, for admission to UIC and facilitate access to the necessary academic activities and professional services that will enable them to persist and graduate as well-prepared professionals for the 21st century. Learn more by visiting the CHANCE website.

Sandi Port Errant Language and Culture Learning Center

(312) 996-8838
http://lclc.uic.edu

The LCLC supports the School of Literatures, Cultural Studies and Linguistics in creating interactive learning opportunities for students, including cultural and language-related events open to all UIC students,

faculty, and staff. The center also coordinates Peer Tutoring and Language Learning Assistant programs for French, Italian, German, and Spanish Basic Language Programs, providing assistance to instructors and helpful resources to students in and out of the classroom. Learn more by visiting the LCLC website.

Latin American Recruitment and Educational Services Program

2640 Student Services Building (SSB)
(312) 996-3356 or (312) 996-6073
http://lares.uic.edu

The Latin American Recruitment and Educational Services (LARES) program is the premier Latinx academic support program in Illinois and the largest academic support unit on the UIC campus. LARES strives to empower students by providing personal growth and educational opportunities designed to prepare leaders who will make individual and collective contributions toward the cultural and social advancement of the Latinx community. Learn more by visiting the LARES website.

Math and Science Learning Center

3rd Floor, Science and Engineering South (SES)
(312) 355-4900
http://mslc.uic.edu

The Math and Science Learning Center (MSLC) is a welcoming learning environment that provides diverse forms of academic support to undergraduate students enrolled in Math and Science courses at UIC. The MSLC hosts peer-led study group sessions, Teaching Assistant (TA) and faculty office hours, tutoring, as well as various workshops and events. Learn more by visiting the MSLC website.

Native American Support Program

2700 Student Services Building (SSB)
Chicago, IL 60607
(312) 996-4515
nasp@uic.edu
https://nasp.uic.edu

The Native American Support Program provides resources for Native American, Alaskan Native, Native Hawaiian, Pacific Islander, and other indigenous students to enhance their individual growth and development, leadership skills, and academic achievement at UIC. Learn more by visiting the NASP website.

TRIO

2080 Student Services Building (SSB)
(312) 996-5046
http://trio.uic.edu

The TRIO Programs at UIC are federally funded grants from the U.S. Department of Education that consist of a high school college prep program (Upward Bound) and a university program (Student Support Services). Upward Bound serves high school students from low income and/or first-generation college students. The Student Support Services (SSS) program provides services that foster academic achievement and a sense of community, and personal support to enhance students' experience as they progress from inception into higher education through graduation. Learn more by visiting the TRIO website.

Tutoring

UIC provides a wide variety of tutoring services to assist students with achieving their academic goals. Learn more by visiting the Tutoring website.

Urban Health Program

UHP Administrative Office
173 College of Medicine East Tower (CMET)
(312) 996-7727
http://uhp.uic.edu

Early Outreach Program
320 Taylor Street Building (TSB)
(312) 996-2549
https://earlyoutreach.uic.edu

The mission of the Urban Health Program is to recruit, retain, and graduate underrepresented racial/ethnic minority students, specifically African Americans, Latinos, and Native Americans, into the health professions. The UHP seeks to expand educational and research opportunities for these populations, at all academic levels (including precollege students), in order to develop underrepresented racial/ethnic minority healthcare professionals, faculty, and researchers with the goals of eliminating health disparities and advancing health equity. Learn more by visiting the UHP and Early Outreach websites.

Writing Center

105 Grant Hall (GH)
(312) 413-2206
http://writingcenter.uic.edu

At the Writing Center, students work collaboratively with peer tutors on any writing—course assignments, labs, job applications, or personal statements. Students are encouraged to come early in the writing process so that they can make changes well before a deadline. Tutors at the Writing Center are students from all majors who have completed their required writing courses and have been trained as tutors in ENGL 222 or ENGL 482. Learn more by visiting the Writing Center website.

General Education

General Education at UIC: An Overview

General Education is an important part of every undergraduate degree program. The General Education Program provides students with a breadth of exposure to the academic disciplines and serves as the foundation for the knowledge, skills, and competencies essential to becoming well-educated college graduates and citizens.

The program ensures a certain level of intellectual breadth, while at the same time allowing students the opportunity to select courses or clusters of courses around areas of their own interests. Specifically, the program:

- provides intellectual guidance by identifying six broad areas of knowledge that correspond to the kinds of experiences that a liberally educated person should have.
- makes clear to students what they are taking and why.
- is an open system that does not bind departments into one category. This model thus allows for the development of interdepartmental

courses over time. It also allows students to gain interdisciplinary perspectives, which was one of the hoped for outcomes of revising General Education.
- gives individual colleges some freedom to adjust the General Education requirements to suit their own needs. Although there is a campus wide minimum of one course from each General Education category, colleges may add additional course requirements.

The General Education Program at UIC

The General Education Program at UIC is designed to serve as a foundation for lifelong learning. It also helps prepare students for the world beyond the college experience, a world in which one needs to be able to:

- think independently.
- understand and critically evaluate information.
- analyze and evaluate arguments.
- develop and present cogent written and oral arguments.
- explore one's own culture and history as well as those of others.
- understand, interpret, and evaluate the arts.
- think critically about how individuals influence and are influenced by political, economic, cultural, and family institutions.

The General Education Program at UIC (sometimes referred to as Gen Ed or GE) has two main components: a grouping of core courses that are clustered around six themes and sets of required proficiencies. The specific requirements vary from college to college. All colleges, however, require a minimum of 24 semester hours of credit with at least one course in each of the six categories of General Education and proficiency in writing (as demonstrated by successful completion of ENGL 160 and ENGL 161 or by certain scores on placement or other tests). **Note:** Students may count up to two courses in their major toward their General Education requirements. If students have a double major, then two courses from each of the majors may be applied toward General Education.

General Education Proficiencies

The University Writing requirement is common across all colleges. Individual colleges may have additional General Education requirements and proficiencies. Students should consult their college and department sections of the catalog for information about fulfilling the General Education requirements as a required part of their degree program.

University Writing Requirement

Students must demonstrate proficiency in written English by earning passing grades in ENGL 160 and ENGL 161, or by achieving proficiency (see section on Demonstrating Writing Proficiency for a Waiver of ENGL 160 or ENGL 161*)* in one or both of these courses certified in writing by the Department of English. The Department of English reserves the right to require a student to take a preparatory course as a prerequisite for ENGL 160 if the student's score on the Writing Placement Test reveals the need for such a course. Whenever questions arise with regard to the fulfillment of the University Writing requirement through transfer courses, a writing portfolio, or standard examinations, the Department of English will determine whether to grant the student an exemption from the requirement.

Students should consult their college section of the catalog for more information on fulfilling the University Writing requirement as part of their degree program.

General Education Core

The General Education Core includes the following six categories. This section of the catalog provides a description and list of courses for each category.

Analyzing the Natural World

A central principle of a knowledge-based society is that, where possible, experimental tests should be designed to critically evaluate the accuracy of an idea or physical law. It is crucial that students understand both how accurate experimental results are obtained and how uncertainties in these results affect scientific conclusions. Courses in this category provide an understanding of scientific method and the factual knowledge necessary to develop hypotheses, to test them, and to distinguish those conclusions resting on unsupported assertion from those verified by sound scientific reasoning. Theories also play an important role in the way we see the world around us. In the natural sciences, theories are developed to explain experimental observation, form the basis for the design of further experiments, and provide the foundation for advances in technology. Mathematics provides appropriate tools (such as calculus) necessary to formulate the scientific theories.

Courses in this category should introduce students to scientific and mathematical concepts and methods. They should be designed to facilitate the students' ability to do one or more of the following:

1. Understand and critically evaluate information and concepts in the natural and mathematical sciences.
2. Use and understand scientific method to analyze ideas and obtain knowledge.
3. Appreciate the value of and difference between scientific laws, theories, hypotheses, and speculation.
4. Use scientific and mathematical reasoning to make relevant distinctions among ideas.
5. Think critically about contemporary issues in science and technology.
6. Logically and clearly communicate experimental results and observations to others.
7. Analyze quantitative information and draw conclusions from these analyses.

Code	Title	Hours
Analyzing the Natural World Courses		
Anthropology		
ANTH 102	Introduction to Archaeology [c,g]	4
ANTH 105	Human Evolution [c,g]	4
ANTH 238	Biology of Women (Same as GWS 238) [b,g,h]	3
Biological Sciences		
BIOS 104	Biology for Non-majors [g]	4
BIOS 110	Biology of Cells and Organisms	4
BIOS 120	Biology of Populations and Communities	4
Chemical Engineering		
CHE 150	Climate Engineering for Global Warming [h]	3
Chemistry		
CHEM 100	Chemistry and Life [g]	5
CHEM 105	Chemistry and the Molecular Human: An Inquiry Perspective [g]	4

CHEM 115	Comprehensive General and Organic Chemistry	5
CHEM 116	Honors and Majors General and Analytical Chemistry I	5
CHEM 118	Honors and Majors General and Analytical Chemistry II	5
CHEM 122	Matter and Energy [h,i]	3
CHEM 123	Foundations of Chemical Inquiry I [i]	2
CHEM 124	Chemical Dynamics [h,i]	3
CHEM 125	Foundations of Chemical Inquiry II [i]	2
Computer Science		
CS 100	Discovering Computer Science [h]	3
Disability and Human Development		
DHD 206	Disability, Inclusive Cities, and Environmental Accessibility [f,h]	3
Earth and Environmental Sciences		
EAES 101	Global Environmental Change	4
EAES 105	Climate, Contamination, and Chicago [h]	2
EAES 111	Earth, Energy, and the Environment	4
EAES 203	The Science and Rhetorics of Climate Change (same as ENGL 203) [h]	3
Economics		
ECON 106	Tobacconomics [b,h]	3
Electrical and Computer Engineering		
ECE 115	Introduction to Electrical and Computer Engineering	4
Honors College		
HON 130	Honors Core in Analyzing the Natural World and Understanding the Individual and Society [b,h]	3
HON 131	Honors Core in Analyzing the Natural World and Understanding the Past [c,h]	3
HON 132	Honors Core in Analyzing the Natural World and Understanding the Creative Arts [d,h]	3
HON 133	Honors Core in Analyzing the Natural World and Exploring World Cultures [e,h]	3
HON 134	Honors Core in Analyzing the Natural World and Understanding U.S. Society [f,h]	3
HON 145	Honors Core in Analyzing the Natural World [h]	3
Human Nutrition		
HN 196	Nutrition [h]	3
Kinesiology		
KN 152	Introduction to Exercise Physiology and Health	3
Mathematical Computer Science		
MCS 160	Introduction to Computer Science [h]	4
Mathematics		
MATH 125	Elementary Linear Algebra [h]	5
MATH 160	Finite Mathematics for Business [h]	5
MATH 165	Calculus for Business [h]	5
MATH 170	Calculus for the Life Sciences [h]	4
MATH 180	Calculus I [h]	4
MATH 181	Calculus II [h]	4
MATH 210	Calculus III [h]	3
Music		
MUS 116	The Science and History of Sound in the Arts (Same as ART 116) [h]	3
Natural Sciences		
NATS 105	Physical Systems in Earth and Space Science [g]	4
NATS 106	Chemical and Biological Systems [g]	4
Philosophy		
PHIL 102	Introductory Logic [h]	3
PHIL 105	Science and Philosophy [h]	3
Physics		
PHYS 112	Astronomy and the Universe [g]	4
PHYS 116	Energy for Future Decision-Makers (same as EAES 116) [h]	3
PHYS 118	Physics in Modern Medicine [h]	3
PHYS 131	Introductory Physics for Life Sciences I	4
PHYS 132	Introductory Physics for Life Sciences II	4
PHYS 141	General Physics I (Mechanics)	4
PHYS 142	General Physics II (Electricity and Magnetism)	4
Public Health		
PUBH 120	Public Health and the Study of Disease and Epidemics [h]	3
PUBH 130	Introductory Public Health Statistics for Public Health Decision-Making [h]	4

a *also approved for Analyzing the Natural World*
b *also approved for Understanding the Individual and Society*
c *also approved for Understanding the Past*
d *also approved for Understanding the Creative Arts*
e *also approved for Exploring World Cultures*
f *also approved for Understanding U.S. Society*
g *indicates courses specifically designed for those majoring in areas other than science and mathematics*
h *nonlaboratory courses*
i *Each of the following pairs will be considered one course in meeting the LAS General Education requirements: CHEM 122/CHEM 123; CHEM 124/CHEM 125.*

Understanding the Individual and Society

The primary goal of the Individual and Society requirement is to enhance understanding of the complex activities of individuals and their relations with each other and with groups, institutions, governments, media, and society. Courses within this category seek to:

1. enhance knowledge and appreciation of the diversity of individuals, societies, and cultures
2. advance the understanding of human relationships within different contexts and
3. explore the gathering and assessing of knowledge within any social setting or activity.

Courses present theories about the human activities and ideas and demonstrate how scholars use qualitative, quantitative, and humanistic methods to evaluate those theories. They may also explore the ways that

knowledge is formed about the self and the world in historical, literary, philosophical, and scientific realms.

Courses in this category should introduce students either to the complexities of the individual or the relationship of the individual to social structures. They should be designed to facilitate the students' ability to do one or more of the following:

1. Recognize, describe, and explain social institutions, structures, and processes and the complexities of a global culture and diverse society.
2. Think critically about how individuals influence and are influenced by political, geographic, economic, cultural, and family institutions in their own and other cultures and explain how one's knowledge and beliefs may differ from others.
3. Explain the relationship between the individual and society as it influences
   a. individuals' cognition, ethics, social interactions, communication practices and affect; and
   b. the quality of life of the individual, the family, and the community.
4. Examine how literature, history, ethical systems, scientific inquiry, or communicative practice shape our knowledge and perception of individuals and social structures.
5. Using the most appropriate principles, methods, and technologies, gather and analyze previous inquiry regarding the relationships between individuals and society, draw logical conclusions about such inquiry, and creatively or scientifically apply those conclusions to one's life and society.

Code	Title	Hours
Understanding the Individual and Society Courses		
Anthropology		
ANTH 101	World Cultures: Introduction to Social Anthropology [e]	3
ANTH 215	Anthropology of Religion (Same as RELS 215) [e]	3
ANTH 216	Medicine, Culture, and Society [e]	3
ANTH 218	Anthropology of Children and Childhood	3
ANTH 238	Biology of Women (Same as GWS 238) [a]	3
ANTH 277	Ethnography of Meso-America (Same as LALS 270) [e]	3
ANTH 279	South Asian Cultures and Societies (Same as GLAS 279) [e]	3
Architecture		
ARCH 200	Architecture and Society [d]	4
Art		
ART 110	Introduction to Art Education [d]	4
ART 290	Art and Resistance: Socially Engaged Art	4
Art History		
AH 101	The Naked and the Nude: Studies in Visual Literacy	3
AH 180	Intro to Museum & Exhibition [d]	3
Black Studies		
BLST 100	Introduction to Black Studies [f]	3
BLST 103	Black Politics and Culture in the United States (Same as POLS 112) [f]	3
BLST 104	Race, Place, and Schooling: Black Americans and Education (Same as EDPS 104) [f]	3
BLST 207	Racism: Global Perspectives (Same as SOC 207) [e]	3
BLST 263	Black Intellectual History (Same as HIST 263) [c]	3
BLST 271	Race and the Politics of Incarceration (Same as CLJ 271 and SOC 271) [f]	3
BLST 272	Race, Gender, and Sexuality (Same as GWS 272) [f]	3
Chinese		
CHIN 210	Understanding Contemporary Chinese Society Through Shanghai [e]	3
Classics		
CL 208	Classical Mythology (same as RELS 208) [c]	3
Communication		
COMM 100	Fundamentals of Human Communication	3
COMM 101	Introduction to Communication	3
COMM 102	Introduction to Interpersonal Communication	3
COMM 103	Media Literacy	3
COMM 140	Fundamentals of Social Media and Communication	3
COMM 200	Communication Technologies (same as MOVI 200)	3
Criminology, Law, and Justice		
CLJ 123	True Crime: The Allure, Ethics, and Politics of the Genre (Same as ENGL 126) [d]	3
Dialogue		
DLG 220	Intergroup Dialogue [f]	3
Disability and Human Development		
DHD 101	Disability in U.S. Society [f]	3
DHD 201	Disability, Rights, and Culture	3
DHD 202	Disability, Health, and Society	3
DHD 205	Disability, Race, Class and Gender (Same as GWS 205)	3
Economics		
ECON 106	Tobacconomics [a]	3
ECON 111	Freakonomics	3
ECON 120	Principles of Microeconomics [f]	4
ECON 121	Principles of Macroeconomics [f]	4
Education		
ED 100	Introduction to Urban Education [f]	3
ED 101	Critical Literacies in a Digital Democracy	3
ED 135	Child and Youth Policies in Urban America [f]	3
ED 205	Introduction to Race, Ethnicity, and Education [f]	3

ED 217	STEM, Education, and Society: Exploring Identity, Community, Ethics, Politics, and Ideology	3
ED 222	Introduction to Gender, Sexuality, and Education [f]	3
ED 258	Language Development and Learning in a Diverse Society [f]	3
ED 264	Sport, Education, and Society	3
Educational Psychology		
EPSY 100	Introduction to Human Development and Learning	3
EPSY 160	Games, Learning, and Society (Same as ED 160)	3
EPSY 242	Introduction to Sexuality Development Across the Lifespan	3
EPSY 257	Adult Development and Aging in Contemporary Society	3
English		
ENGL 135	Understanding Popular Genres and Culture [d]	3
ENGL 154	Understanding Rhetoric [d]	3
ENGL 230	Introduction to Film and Culture (Same as MOVI 230) [d]	3
ENGL 245	Introduction to Gender, Sexuality and Literature (Same as GWS 245) [d]	3
ENGL 247	Women and Literature (Same as GWS 247) [d]	3
ENGL 253	Environmental Rhetoric [f]	3
ENGL 258	The Grammar and Style of Non-Standard Englishes in the U.S. [f]	3
Entrepreneurship		
ENTR 200	Survey of Entrepreneurship [f]	3
Finance		
FIN 250	Personal Finance	3
French		
FR 291	The Art of Happiness [e]	3
Gender and Women's Studies		
GWS 101	Gender in Everyday Life [f]	3
GWS 102	Global Perspectives on Women and Gender [e]	3
GWS 204	Gender and Popular Culture (Same as COMM 204) [f]	3
GWS 262	Constructions of Gender, Race, Health, and Human Rights (Same as ANTH 262) [e]	3
Geography		
GEOG 161	Introduction to Economic Geography [e]	3
GEOG 203	Human Geography of Latin America including the Caribbean Region (Same as LALS 217) [e]	3
Germanic Studies		
GER 120	Study of Gender, Class, and Political Issues in German Texts (Same as GWS 120) [e]	3
GER 240	Classical German Thought [c]	3
Global Asian Studies		
GLAS 120	Introduction to Asian American Studies (Same as SOC 120) [f]	3
GLAS 210	Asian American Histories (Same as HIST 210) [f]	3
GLAS 230	Cultural Politics of Asian American Food [f]	3
GLAS 250	Critical Issues in Community Engagement [f]	3
GLAS 263	Asian American Gender and Sexual Diversity (Same as GWS 263) [f]	3
History		
HIST 117	Understanding the Holocaust (Same as JST 117 and RELS 117) [c]	3
HIST 137	Russia in War and Revolution, 1904-1922 [c]	3
HIST 211	The Dawn of European Modernity, 1500-1715 [c]	3
HIST 213	Europe in the Age of Capitalism and Imperialism, 1815 - 1914 [c]	3
HIST 214	Twentieth-Century Europe [c]	3
HIST 220	Modern Germany, 1848 to the Present [c]	3
HIST 224	France: 1500 to 1715 [c]	3
HIST 233	East Central Europe and the Balkans: From Empires to Nation-States [c]	3
HIST 234	The Making of Modern Poland (Same as POL 234) [c]	3
HIST 235	The Rise and Fall of Communism in Eastern Europe [c]	3
HIST 237	The Russian Empire in the Modern Period: History, Culture and the Challenges of Diversity [c]	3
HIST 282	Global Enlightenment: Empire and the 18th-Century European Imagination of the World [c]	3
Honors College		
HON 120	Honors Core in Understanding Individual and Society and Understanding the Past [c]	3
HON 121	Honors Core in Understanding Individual and Society and Understanding Creative Arts [d]	3
HON 122	Honors Core in Understanding Individual and Society and Exploring World Cultures [e]	3
HON 123	Honors Core in Understanding Individual and Society and Understanding U.S. Society [f]	3
HON 130	Honors Core in Analyzing the Natural World and Understanding the Individual and Society [a]	3
HON 140	Honors Core in Understanding the Individual and Society	3
Human Nutrition		
HN 213	Food, Health and Equity	3

Humanities		
HUM 120	Engaged Humanities: Understanding the Individual and Society	4
Industrial Engineering		
IE 118	Energy for Sustainable Society (Same as ME 118)	3
Italian		
ITAL 270	The Sopranos Effect: Myth, Migration and the Italian-American Identity (Same as ENGL 270) [f]	3
ITAL 285	Zombies, Plagues, and Other Pandemics in Literature and Visual Media (same as LCSL 285 and SPAN 285) [e]	3
Jewish Studies		
JST 101	Introduction to Judaism (Same as RELS 121)	3
JST 102	Introduction to Jewish History (Same as RELS 126) [c]	3
Kinesiology		
KN 150	The Healthy Human	3
Latin American and Latino Studies		
LALS 103	Introduction to Latino Urban Studies [f]	3
LALS 220	Latin American Cities in a Global Context: Environment, Employment, and Housing (Same as US 220) [e]	3
LALS 269	Latin American Environmental Studies [e]	3
LALS 276	Latinas in the United States (Same as GWS 276 and SOC 226) [f]	3
Linguistics		
LING 150	Introduction to the Study of Language	3
LING 160	Language and Society [f]	3
LING 170	Languages of the World [e]	3
LING 260	Language Acquisition, Language Contact and Bilingualism [f]	3
Literatures, Cultural Studies, and Linguistics		
LCSL 260	Tales of Healing: Intro to Narrative Medicine [d]	3
LCSL 261	The Image of Health: Visuality and Medicine [d]	3
Music		
MUS 240	Music, Gender and Culture (Same as GWS 240) [d]	3
Philosophy		
PHIL 100	Introduction to Philosophy	3
PHIL 101	Critical and Analytical Reasoning	3
PHIL 103	Introduction to Ethics	3
PHIL 104	Introduction to Political Philosophy [f]	3
PHIL 106	What Is Religion? (Same as RELS 106)	3
PHIL 108	What Is Freedom?	3
PHIL 109	Who Am I?	3
PHIL 110	Philosophy of Love and Sex	3
PHIL 111	What Is a Fact?	3
PHIL 112	Morality and the Law	3
PHIL 113	Ethics, AI and Data	3
PHIL 115	Death	3
PHIL 120	Introduction to Ancient Philosophy (Same as CL 120) [c]	3
PHIL 131	Educational Ethics (Same as ED 131) [f]	3
PHIL 225	Nineteenth Century Philosophy	3
PHIL 240	Philosophy and Revelation: Jewish and Christian Perspectives (Same as RELS 240 and JST 240) [e]	3
Political Science		
POLS 101	Introduction to American Government and Politics [f]	3
POLS 120	Introduction to Political Theory [c]	3
POLS 130	Introduction to Comparative Politics (Same as INST 130)	3
POLS 184	Introduction to International Relations (Same as INST 184) [e]	3
Psychology		
PSCH 100	Introduction to Psychology	4
PSCH 210	Theories of Personality	3
PSCH 231	Community Psychology	3
PSCH 270	Introduction to Psychological and Behavioral Disorders	3
PSCH 271	Resilience: The Psychology of Positive Adaptation	3
Public Health		
PUBH 100	Health and the Public [f]	3
PUBH 110	Public Health and Global Societies [e]	3
PUBH 200	Exploring Connections between Human Health and the Environment	3
Public Policy		
PPOL 100	Individual Action and Democratic Citizenship	3
PPOL 101	Contemporary Issues in Public Policy [f]	3
PPOL 232	International Development Policy [e]	3
Religious Studies		
RELS 100	Religion in Human Experience	3
Social Justice		
SJ 101	Introduction to Social Justice: Stories and Struggles	3
Sociology		
SOC 100	Introduction to Sociology [f]	3
SOC 105	Social Problems [f]	3
SOC 215	Sociology of Childhood and Youth [f]	3
SOC 224	Gender and Society (Same as GWS 224) [f]	3
SOC 225	Racial and Ethnic Groups (Same as BLST 225 and LALS 225) [f]	3
SOC 228	Sociology of Asia and Asian Americans (Same as GLAS 228) [f]	3
SOC 229	Sociology of Latinos (Same as LALS 229) [f]	3
SOC 241	Social Inequalities [f]	3
SOC 244	Sociology of Work [f]	3
SOC 245	Marriage and Family [f]	3

SOC 246	Sociology of Religion (Same as RELS 246) [f]	3
SOC 251	Health and Medicine [f]	3
SOC 265	Sociology of Politics	3
SOC 268	Introduction to Comparative Sociology [e]	3
SOC 276	Urban Sociology [f]	3
Spanish		
SPAN 192	Latin American Women Writers in Translation (Same as GWS 192 and LALS 192) [e]	3
Special Education		
SPED 202	International Perspectives: Inclusive Education and Schooling (same as ED 202) [e]	3
Urban Studies		
US 100	Concepts in Geography (Same as GEOG 100) [e]	3
US 140	Introduction to Urban Transportation	3
US 205	Cinema and the City	3
US 208	Mapping the Urban: Cartography and its Alternatives (Same as GEOG 208)	3
US 220	Latin American Cities in a Global Context: Environment, Employment, and Housing [e]	3

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Understanding the Past

The study of past events and ideas enables students to view the present within the context of the past, appreciate both the liberating and constraining features of tradition, and understand what forces have affected their own lives as well as those of peoples in different cultures. The objects of study in these courses include the human past and its historical record; the emergence and transformation of nations, states, ideas, and civilizations; traditions and modes of human thought; the relationship between ideas and practices; and the implications of scientific discovery and technological innovation.

Courses in this category should have as their primary focus significant past events. They should be designed to facilitate the students' ability to do one or more of the following:

1. Understand the implication and meaning of technological innovation and scientific discovery for the development of human society.
2. Critically analyze the cultural, economic, geographical, and political processes that influenced historical events.
3. Recognize, describe, and explain the nature of past historical events and their consequences for the present.
4. Examine the relationship between individuals and past events, their interactions, and the repercussions of these interactions.
5. Understand and explain the significance and influence of the past and its connection to current political, scientific, and cultural forces.

Code	Title	Hours
Understanding the Past Courses		
Anthropology		
ANTH 100	The Human Adventure [e]	3
ANTH 102	Introduction to Archaeology [a]	4
ANTH 105	Human Evolution [a]	4
Arabic		
ARAB 250	The Heritage of Muslim Iberia [e]	3
Architecture		
ARCH 210	Architecture as Archetype: Explorations of the City and Its Forms	3
Art History		
AH 122	History of Chicago Architecture [d]	3
AH 130	Photography in History	3
AH 150	Art and Money [d]	3
AH 209	Near Eastern Art and Archaeology (Same as CL 209) [d]	3
AH 210	Ancient Egyptian Art and Archaeology (Same as BLST 210 and CL 210) [d]	3
AH 259	Art in the Age of Enlightenment and Revolution [d]	3
Black Studies		
BLST 101	Introduction to Black Diaspora Studies [e]	3
BLST 125	Black Religious Traditions (Same as RELS 125) [f]	3
BLST 246	Black Lives in Historical Context (Same as HIST 243) [f]	3
BLST 247	African American History to 1877 (Same as HIST 247) [f]	3
BLST 248	African American History since 1877 (Same as HIST 248) [f]	3
BLST 249	Black Freedom Movements in the U.S. [f]	3
BLST 263	Black Intellectual History (Same as HIST 263) [b]	3
BLST 265	Harlem Renaissance (Same as ENGL 265) [f]	3
Classics		
CL 100	Greek Civilization	3
CL 101	Roman Civilization	3
CL 102	Introduction to Classical Literature [d]	3
CL 103	Introduction to Classical and Mediterranean Archaeology [d]	3
CL 204	Greek Art and Archaeology (Same as AH 204 and HIST 204) [d]	3
CL 205	Roman Art and Archaeology (Same as AH 205 and HIST 205) [d]	3
CL 208	Classical Mythology (Same as RELS 208) [b]	3
CL 218	Pompeii: Everyday Life in a Roman Town (Same as AH 218 and HIST 218)	3
CL 250	Greek and Roman Epic Poetry [d]	3
CL 251	Greek Tragedy [d]	3
CL 252	Greek and Roman Comedy [d]	3
CL 253	Roman Satire and Rhetoric [d]	3

CL 297	Studies in the Classical Tradition (Same as ENGL 297) [d]	3
English		
ENGL 208	English Studies I: Beginnings to the 17th Century [d]	3
ENGL 213	Introduction to Shakespeare [d]	3
Germanic Studies		
GER 125	Diaspora, Exile, Genocide: Aspects of the European Jewish Experience in Literature and Film. (Same as JST 125 and RELS 127) [e]	3
GER 219	Princesses and Storytellers: Fairy Tales by the Brothers Grimm and Their Cultural Afterlives [d]	3
GER 228	The Making of Modern Germany: The Nation in the World, 1750-1918 (Same as HIST 228)	3
GER 240	Classical German Thought [b]	3
Global Asian Studies		
GLAS 215	Techno-Orientalism: Race, Media and Society (same as HIST 215)	3
GLAS 252	U.S. Racism and Imperialism (same as BLST 252) [f]	3
Greek, Modern		
GKM 285	Cultural History of Modern Greece: 1453 to the Present (Same as HIST 285)	3
GKM 286	Modern Greek Cities: Historical-Ethnographic Survey (Same as HIST 286)	3
GKM 296	Fascism and Dictatorship in Southern Europe and the Mediterranean (Same as HIST 296 and POLS 296)	3
History		
HIST 100	Western Civilization to 1648 [e]	3
HIST 101	Western Civilization Since 1648 [e]	3
HIST 103	Early America: From Colonization to Civil War and Reconstruction [f]	3
HIST 104	Modern America: From Industrialization to Globalization [f]	3
HIST 105	Global Transformations and the Rise of the West Since 1000 (Same as INST 105) [e]	3
HIST 106	The World Since 1400: Converging Worlds, New Circulations (Same as INST 106) [e]	3
HIST 108	Environmental History of the World Since 1500 (same as EAES 108)	3
HIST 109	East Asian Civilization: Ancient China (Same as GLAS 109) [e]	3
HIST 117	Understanding the Holocaust (Same as JST 117 and RELS 117) [b]	3
HIST 137	Russia in War and Revolution, 1904-1922 [b]	3
HIST 161	Introduction to Latin American History (Same as LALS 161) [e]	3
HIST 170	The Ottoman Empire [e]	3
HIST 177	Middle Eastern Civilization (Same as RELS 177) [e]	3
HIST 200	Gandhi: The History and Practice of Nonviolence (Same as GLAS 200)	3
HIST 202	Ancient Greece (Same as CL 202) [e]	3
HIST 203	Ancient Rome (Same as CL 203) [e]	3
HIST 208	History of Science in a Global Context	3
HIST 211	The Dawn of European Modernity, 1500-1715 [b]	3
HIST 213	Europe in the Age of Capitalism and Imperialism, 1815 - 1914 [b]	3
HIST 214	Twentieth-Century Europe [b]	3
HIST 220	Modern Germany, 1848 to the Present [b]	3
HIST 221	The Atlantic Slave Trade (Same as BLST 221) [e]	3
HIST 222	England to 1689	3
HIST 223	Modern Britain Since 1689	3
HIST 224	France: 1500 to 1715 [b]	3
HIST 225	The Age of Revolution in France: 1715-1848 [e]	3
HIST 226	France and the World, 1848-present [e]	3
HIST 233	East Central Europe and the Balkans: From Empires to Nation-States [b]	3
HIST 234	The Making of Modern Poland (Same as POL 234) [b]	3
HIST 235	The Rise and Fall of Communism in Eastern Europe [b]	3
HIST 236	Russia Between Europe and Asia: Eurasian Spaces and Peoples in the Premodern Era [e]	3
HIST 237	The Russian Empire in the Modern Period: History, Culture and the Challenges of Diversity [b]	3
HIST 238	Russia from Vladimir Lenin to Vladimir Putin	3
HIST 239	Twentieth-Century Russia in Film (Same as RUSS 239)	3
HIST 240	Radicalism in America: From the Revolution to Occupy Wall Street [f]	3
HIST 241	Precolonial Africa in World History (Same as BLST 241) [e]	3
HIST 242	History of Modern Africa (Same as BLST 242) [e]	3
HIST 244	Native American History (Same as NAST 244)	3
HIST 245	Imagining the American West [f]	3
HIST 246	History of American Capitalism (Same as POLS 246) [f]	3
HIST 249	The American Civil War [f]	3
HIST 251	War, Society, and Institutions Since 1815	3
HIST 252	Sexuality in America: Historical Perspectives (Same as GWS 252) [f]	3
HIST 253	The Worker in American Life [f]	3

HIST 255	History of Chicago [f]	3
HIST 256	Religion in American History (Same as RELS 256) [f]	3
HIST 257	U.S. Immigration History	3
HIST 259	Women and Gender in American History (Same as GWS 259) [f]	3
HIST 261	Latin America to 1850 (Same as LALS 261) [e]	3
HIST 262	Latin America Since 1850 (Same as LALS 262) [e]	3
HIST 264	The Pacific Rim in Modern History (Same as GLAS 264) [e]	3
HIST 266	Modern Mexico (Same as LALS 266) [e]	3
HIST 267	American Intellectual History to 1865 (Same as POLS 267) [f]	3
HIST 268	American Intellectual History since 1865 (Same as POLS 268) [f]	3
HIST 269	History of Central America (same as LALS 268)	3
HIST 271	Late Imperial China: 1500 to 1911 (Same as GLAS 271) [e]	3
HIST 272	China Since 1911 (Same as GLAS 272) [e]	3
HIST 275	History of South Asia to 1857 (Same as GLAS 275) [e]	3
HIST 276	Modern South Asia, 1857 to the Present (Same as GLAS 276) [e]	3
HIST 277	The Middle East to 1258 [e]	3
HIST 278	The Middle East Since 1258 [e]	3
HIST 282	Global Enlightenment: Empire and the 18th-Century European Imagination of the World [b]	3
HIST 289	Latina/o History (Same as LALS 289)	3
HIST 293	The Gilded and the Gritty: Power, Culture, and the Making of 20th-century America [f]	3
Honors College		
HON 120	Honors Core in Understanding Individual and Society and Understanding the Past [b]	3
HON 124	Honors Core in Understanding the Past and Understanding the Creative Arts [d]	3
HON 125	Honors Core in Understanding the Past and Exploring World Cultures [e]	3
HON 126	Honors Core in Understanding the Past and Understanding U.S. Society [f]	3
HON 131	Honors Core in Analyzing the Natural World and Understanding the Past [a]	3
HON 141	Honors Core in Understanding the Past	3
Italian		
ITAL 230	Italian and Italian American Culture and Civilization (Same as CL 230) [e]	3
ITAL 293	Following Dante: The Moral Imagination of the Divine Comedy (Same as CST 293 and RELS 293) [d]	3
Jewish Studies		
JST 102	Introduction to Jewish History (Same as RELS 126) [b]	3
JST 103	Introduction to Israel Studies [e]	3
JST 124	Introduction to the Hebrew Bible (Same as CL 124 and RELS 124)	3
JST 242	The History of Jewish Biblical Interpretation (Same as CL 242 and RELS 242)	3
Latin American and Latino Studies		
LALS 101	Introduction to Latin American Studies [e]	3
LALS 102	Introduction to Latino Studies [f]	3
LALS 104	Introduction to Puerto Rican Studies [e]	3
LALS 105	Introduction to Mexican Studies [e]	3
LALS 275	Gender in Latin America (Same as GWS 275 and POLS 275) [e]	3
LALS 290	Mexican-American History (Same as HIST 290) [f]	3
Military Science		
MILS 217	Introduction to United States Military History (Same as HIST 217)	3
Music		
MUS 114	Jazz History [d]	3
MUS 118	American Popular Music since 1850 [d]	3
Native American Studies		
NAST 113	Native American Studies: Sovereignty [e,f]	3
Nursing Elective		
NUEL 244	History of Professional Nursing in the U.S.	3
Philosophy		
PHIL 120	Introduction to Ancient Philosophy (Same as CL 120) [b]	3
Political Science		
POLS 120	Introduction to Political Theory [b]	3
Public Policy		
PPOL 230	Nonprofit Organizations and Civil Society [f]	3
Religious Studies		
RELS 120	Catholic Thought: An Introduction (Same as CST 120)	3
RELS 128	The Jesus Movement and the New Testament (same as CST 128 and CL 128)	3
RELS 232	The Religious World of the Earliest Christians (same as CL 232 and HIST 232)	3
Theatre		
THTR 101	Theatre History I: Premodern Drama [d]	3
THTR 103	History of Chicago Theatre Past and Present [d]	3
THTR 159	Fashion and Furniture: History of Cultural Influences from Gothic to Atomic [d]	3

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Understanding the Creative Arts

Courses in literature (e.g., fiction, poetry, drama), the arts (e.g., painting, sculpture, architecture, design, music, theatre and dance, film, photography, new media) and philosophy examine materials that explore and express the potential of the human imagination. Courses fulfilling this requirement acquaint students with issues involved in making, interpreting, analyzing, and evaluating written texts, musical works, visual and material culture, performing arts, and other media presentations in the context of the histories and cultures that have shaped and been shaped by their production. The aim is to develop the ability to read, experience, and view carefully, to think critically, to argue cogently and to communicate ideas effectively in written and oral form.

All cultures create stories, images, objects, built environments, dramas, music, etc. The study of such cultural products is an area with its own questions, techniques, and traditions. A student taking courses in this area can expect to study, in close detail, a number of significant works of literature, art, or other media. Courses in this category should facilitate a student's ability to address one or more of the following questions:

1. Basic issues of interpretation. How does a work mean anything? How does one determine meaning? How can a work have numerous meanings, often at the same time?
2. Questions of poetics. How do the traditions of genres and forms, materials and means of production, and philosophies and theories influence individual literary and artistic works and their interpretation?
3. Questions of value. How can such creative works be evaluated? How are critical vocabularies developed? How does a work come to be called a "classic"? How do new works and genres become accepted as art?
4. Questions of cultural and historical context. How do creative works relate to the societies in which they are produced and received? How do cultural roles of creative products, definitions of art, institutions, markets, and patronage affect the creation of works of architecture, art, music, literature, and other media?

Code	Title	Hours
Understanding the Creative Arts Courses		
Arabic		
ARAB 270	The Reel Arab (Same as MOVI 270)	3
Architecture		
ARCH 200	Architecture and Society [b]	4
Art		
ART 110	Introduction to Art Education [b]	4
ART 112	Introduction to Drawing	4
ART 130	Introduction to Painting + Color	4
ART 140	Introduction to Sculpture	4
ART 150	Introduction to New Media Arts	4
ART 151	Introduction to Creative Coding in New Media Arts	4
ART 160	Introduction to Digital Photography	4
ART 170	Introduction to Filmmaking	4
ART 190	Introduction to Socially Engaged Art	4
Art History		
AH 100	Introduction to Art and Art History	3
AH 110	World History of Art and the Built Environment I	4
AH 111	World History of Art and the Built Environment II	4
AH 122	History of Chicago Architecture [c]	3
AH 125	Introduction to the Art and Architecture of Asia (Same as GLAS 125) [e]	3
AH 140	World Architecture, Climate, and Ecology: An Alternative History [e]	3
AH 150	Art and Money [c]	3
AH 160	Trends in International Contemporary Art Since 1960	3
AH 172	Visual Culture of the Ancient Americas [e]	3
AH 180	Intro to Museum & Exhibition [b]	3
AH 201	Reading and Writing Art Criticism	3
AH 209	Near Eastern Art and Archaeology (Same as CL 209) [c]	3
AH 210	Ancient Egyptian Art and Archaeology (Same as BLST 210 and CL 210) [c]	3
AH 211	History of Urbanism	3
AH 219	Art and Architecture of East Asia (Same as GLAS 219) [e]	3
AH 220	Buddhist Art and Architecture (Same as RELS 220 and GLAS 220) [e]	3
AH 223	Baroque Architecture	3
AH 230	History of Photography I: 1820-1920	3
AH 231	History of Photography II: 1900 to Present	3
AH 242	Early Christian and Byzantine Art and Architecture	3
AH 243	Medieval Art and Architecture	3
AH 244	Islamic Art and Architecture [e]	3
AH 250	Italian Renaissance Art	3
AH 251	Northern Renaissance Art and Architecture	3
AH 252	Art of the Baroque and Rococo	3
AH 259	Art in the Age of Enlightenment and Revolution [c]	3
AH 260	European Art from 1750 to 1900	3
AH 261	European and American Art from 1900 to the Present	3
AH 262	American Art to 1945	3
AH 263	Latin American Colonial Art (Same as LALS 263) [e]	3
AH 264	African American Art (Same as BLST 264) [e]	3
AH 265	History of Performance Art 1900 - Present	3
AH 270	African Art (Same as BLST 270) [e]	3
AH 271	Native American Art (Same as NAST 271) [e]	3

AH 273	Visual Culture of the Ancient Andes (Same as LALS 239) [e]	3
AH 274	Visual Culture of Ancient Mesoamerica (Same as LALS 240) [e]	3
AH 275	South Asian Visual Cultures [e]	3
Black Studies		
BLST 105	Black Film, 1900 - Present: Images, Individuals and Ideas on Screen (Same as COMM 105 and MOVI 105) [f]	3
BLST 110	Introduction to African American Literature, 1760-1910 (Same as ENGL 118) [f]	3
BLST 111	Introduction to African American Literature Since 1910 (Same as ENGL 119) [f]	3
BLST 250	Comparative Black Literatures (Same as ENGL 260)	3
BLST 262	Black Cultural Studies (Same as ENGL 262) [f]	3
Central and Eastern European Studies		
CEES 208	Central and Eastern European Cinema (Same as MOVI 208)	3
CEES 246	European Avant-Garde (Same as AH 246)	3
CEES 250	Cinema and Empire (Same as MOVI 250) [e]	4
Civil, Materials, and Environmental Engineering		
CME 111	The Art of Structural Form	3
Classics		
CL 102	Introduction to Classical Literature [c]	3
CL 103	Introduction to Classical and Mediterranean Archaeology [c]	3
CL 204	Greek Art and Archaeology (Same as AH 204 and HIST 204) [c]	3
CL 205	Roman Art and Archaeology (Same as AH 205 and HIST 205) [c]	3
CL 250	Greek and Roman Epic Poetry [c]	3
CL 251	Greek Tragedy [c]	3
CL 252	Greek and Roman Comedy [c]	3
CL 253	Roman Satire and Rhetoric [c]	3
CL 297	Studies in the Classical Tradition (Same as ENGL 297) [c]	3
Criminology, Law, and Justice		
CLJ 123	True Crime: The Allure, Ethics, and Politics of the Genre (Same as ENGL 126) [b]	3
Disability and Human Development		
DHD 102	Disability in Media [f]	3
DHD 204	Disability in the Humanities	3
English		
ENGL 101	Understanding Literature and Culture	3
ENGL 103	Poetry and the World	3
ENGL 104	Understanding Drama	3
ENGL 105	Understanding Fiction	3
ENGL 123	Introduction to Asian American Literature (Same as GLAS 123) [f]	3
ENGL 131	Understanding Moving Image Arts (Same as MOVI 131)	3
ENGL 132	Understanding Film (Same as MOVI 132)	3
ENGL 135	Understanding Popular Genres and Culture [b]	3
ENGL 154	Understanding Rhetoric [b]	3
ENGL 175	Understanding the Bible as Literature (Same as RELS 175)	3
ENGL 207	Interpretation and Critical Analysis	3
ENGL 208	English Studies I: Beginnings to the 17th Century [c]	3
ENGL 209	English Studies II: 17th Century to Today	3
ENGL 213	Introduction to Shakespeare [c]	3
ENGL 223	Introduction to Colonial and Postcolonial Literature [e]	3
ENGL 230	Introduction to Film and Culture (Same as MOVI 230) [b]	3
ENGL 232	History of Film I: 1890 to World War II (Same as AH 232 and MOVI 232)	3
ENGL 233	History of Film II: World War II to the Present (Same as AH 233 and MOVI 233)	3
ENGL 236	Young Adult Fiction	3
ENGL 237	Graphic Novels	3
ENGL 238	Speculative Fiction, Sci-Fi and Fantasy	3
ENGL 245	Introduction to Gender, Sexuality and Literature (Same as GWS 245) [b]	3
ENGL 247	Women and Literature (Same as GWS 247) [b]	3
ENGL 251	Literature and Environment	3
ENGL 264	Introduction to Native American Literatures (Same as NAST 264) [f]	3
ENGL 267	Introduction to U.S. Latinx Literature (Same as LALS 267)	3
ENGL 269	Introduction to Multiethnic Literatures in the United States [f]	3
ENGL 290	Introduction to the Writing of Poetry	3
ENGL 291	Introduction to the Writing of Fiction	3
ENGL 292	Introduction to the Writing of Nonfiction Prose	3
French		
FR 191	African and Caribbean Francophone Literature in Translation (Same as BLST 191) [e]	3
FR 293	Legal Drama: Trials in Film and Theater (Same as CLJ 293) [e]	3
FR 295	Science Fiction and Fantasy in the French-Speaking World [e]	3
FR 297	Paris in Literature, Film, and Culture [e]	3
FR 298	French Literature, Drama and/or Film in Translation [e]	3
Germanic Studies		

GER 100	Introduction to Germanic Cultures and Literatures [e]	3
GER 122	Minority Perspectives in the Germanic Context (Same as JST 122 and RELS 122) [e]	3
GER 123	Introduction to Yiddish Culture and Literature (Same as JST 123 and RELS 123) [e]	3
GER 217	Introduction to German Cinema [e]	4
GER 219	Princesses and Storytellers: Fairy Tales by the Brothers Grimm and Their Cultural Afterlives [c]	3
Global Asian Studies		
GLAS 223	Global Hip-hop and Asian Diasporas	3
GLAS 274	Cultures of Global Vietnam (Same as ANTH 274 and HIST 274) [e]	3
Honors College		
HON 121	Honors Core in Understanding Individual and Society and Understanding Creative Arts [b]	3
HON 124	Honors Core in Understanding the Past and Understanding the Creative Arts [c]	3
HON 127	Honors Core in Understanding the Creative Arts and Exploring World Cultures [e]	3
HON 128	Honors Core in Understanding the Creative Arts and Understanding U.S. Society [f]	3
HON 132	Honors Core in Analyzing the Natural World and Understanding the Creative Arts [a]	3
HON 142	Honors Core in Understanding the Creative Arts	3
Interdisciplinary Education in the Arts		
IDEA 110	Creativity and Innovation in Design and Arts	4
Italian		
ITAL 249	Beauty, Power, Imagination: The Italian Renaissance (same as CL 249 and AH 249) [e]	3
ITAL 277	Reel Mobsters: Mafia in Film and Television (Same as ENGL 277 and MOVI 277) [f]	3
ITAL 280	Beyond Italy: Cinema, Culture, and Change (Same as MOVI 280) [e]	3
ITAL 293	Following Dante: The Moral Imagination of the Divine Comedy (Same as CST 293 and RELS 293) [c]	3
Latin American and Latino Studies		
LALS 109	Introduction to Latino Cultures [f]	3
LALS 110	Introduction to Latin American Cultures [e]	3
LALS 260	Indigenous Storytelling in Latin America [e]	3
LALS 278	Latin American/Latino Film Studies (Same as MOVI 278 and SPAN 278) [e]	4
LALS 295	Latino Literary Studies (Same as ENGL 295 and SPAN 295) [f]	3
Literatures, Cultural Studies, and Linguistics		
LCSL 250	Introduction to Comparative Cultural Studies [e]	3
LCSL 260	Tales of Healing: Intro to Narrative Medicine [b]	3
LCSL 261	The Image of Health: Visuality and Medicine [b]	3
LCSL 275	Encoding Text Cultures: Reading with AI in the Humanities	3
Lithuanian		
LITH 130	Lithuanian Prose Fiction in International Context [e]	3
Moving Image Arts		
MOVI 207	European Cinema (Same as GER 207 and SPAN 207) [e]	3
Music		
MUS 100	Introduction to Music I	3
MUS 107	Fundamentals of Music Theory	3
MUS 113	Art Song	3
MUS 114	Jazz History [c]	3
MUS 115	Opera	3
MUS 117	Music for Symphony Orchestra	3
MUS 118	American Popular Music since 1850 [c]	3
MUS 119	Music for the Piano	3
MUS 127	Latin American Music (Same as LALS 127) [e]	3
MUS 227	Music Cultures of the World [e]	3
MUS 240	Music, Gender and Culture (Same as GWS 240) [b]	3
Philosophy		
PHIL 107	What is Art?	3
Polish		
POL 120	The Polish Short Story in Translation [e]	3
POL 130	Masterworks of Polish Literature in Translation [e]	3
POL 140	Polish Drama in Translation (Same as THTR 140) [e]	3
POL 150	Introduction to Polish Cinema [e]	3
POL 220	Modern Polish-Jewish Culture and Literatures (Same as CEES 220 and JST 220) [e]	3
Russian		
RUSS 120	The Russian Short Story in Translation [e]	3
RUSS 130	Masterpieces of Russian Literature in Translation [e]	3
RUSS 140	Understanding the Body: Health, Gender, and Disability in Russian Culture [e]	3
RUSS 150	Introduction to Russian Cinema [e]	3
RUSS 241	Dostoyevsky	3
RUSS 242	Tolstoy	3

RUSS 244	Women in Russian Literature (Same as GWS 244) [e]	3
RUSS 247	Literature and Fantasy in Russia	3
RUSS 248	Russian Visual and Material Culture (Same as AH 248)	3
Spanish		
SPAN 226	Early Modern Spanish and Colonial Latin American Literature and Culture in Translation [e]	3
Special Education		
SPED 201	Children's Literature and Disabilities (Same as ED 201)	3
Theatre		
THTR 101	Theatre History I: Premodern Drama [c]	3
THTR 102	Introduction to Theatre: A Collaborative Art	3
THTR 103	History of Chicago Theatre Past and Present [c]	3
THTR 105	Introduction to American Musical Theatre [f]	3
THTR 159	Fashion and Furniture: History of Cultural Influences from Gothic to Atomic [c]	3
THTR 201	Theatre History II: Modern Theatre	3
THTR 245	East Asian Theatre	3

a *also approved for Analyzing the Natural World*
b *also approved for Understanding the Individual and Society*
c *also approved for Understanding the Past*
d *also approved for Understanding the Creative Arts*
e *also approved for Exploring World Cultures*
f *also approved for Understanding U.S. Society*

Exploring World Cultures

A global society demands that individuals gain an appreciation of cultures that are different from their own. Courses in this category explore how cultures function and how they may arise and change, whether through the internationalization of economies, social or political forces, changes in environment, or the development of new technologies. Further, these courses aim to provide students with the necessary tools to study and evaluate disparate social systems and cultural products.

Courses in this category should address significant aspects of any culture that is not part of the mainstream American culture. They should be designed to facilitate the students' ability to do one or more of the following:

1. Analyze a culture, including its political, social, ethical, communicative, or economic systems.
2. Analyze how cultures are formed, transmitted, and changed.
3. Compare different cultures.
4. Explore the values or cultural products of non-U.S. cultures.
5. Analyze the influence of other cultures upon U.S. culture.

Code	Title	Hours
Exploring World Cultures Courses		
Anthropology		
ANTH 100	The Human Adventure [c]	3
ANTH 101	World Cultures: Introduction to Social Anthropology [b]	3
ANTH 207	Asian Cities: Urban Cultures of the Global South (Same as GLAS 207)	3
ANTH 208	Virtual Lives: Science, Technology, and Culture	3
ANTH 215	Anthropology of Religion (Same as RELS 215) [b]	3
ANTH 216	Medicine, Culture, and Society [b]	3
ANTH 219	Anthropology of Globalization	3
ANTH 277	Ethnography of Meso-America (Same as LALS 270) [b]	3
ANTH 279	South Asian Cultures and Societies (Same as GLAS 279) [b]	3
Arabic		
ARAB 105	Modern Arab Culture	3
ARAB 230	Arabic Literature in Translation	3
ARAB 250	The Heritage of Muslim Iberia [c]	3
Art History		
AH 125	Introduction to the Art and Architecture of Asia (Same as GLAS 125) [d]	3
AH 140	World Architecture, Climate, and Ecology: An Alternative History [d]	3
AH 172	Visual Culture of the Ancient Americas [d]	3
AH 219	Art and Architecture of East Asia (Same as GLAS 219) [d]	3
AH 220	Buddhist Art and Architecture (Same as RELS 220 and GLAS 220) [d]	3
AH 244	Islamic Art and Architecture [d]	3
AH 263	Latin American Colonial Art (Same as LALS 263) [d]	3
AH 264	African American Art (Same as BLST 264) [d]	3
AH 270	African Art (Same as BLST 270) [d]	3
AH 271	Native American Art (Same as NAST 271) [d]	3
AH 273	Visual Culture of the Ancient Andes (Same as LALS 239) [d]	3
AH 274	Visual Culture of Ancient Mesoamerica (Same as LALS 240) [d]	3
AH 275	South Asian Visual Cultures [d]	3
Black Studies		
BLST 101	Introduction to Black Diaspora Studies [c]	3
BLST 207	Racism: Global Perspectives (Same as SOC 207) [b]	3
Central and Eastern European Studies		
CEES 250	Cinema and Empire (Same as MOVI 250) [d]	4
Chinese		
CHIN 210	Understanding Contemporary Chinese Society Through Shanghai [b]	3
Disability and Human Development		
DHD 203	Disability in World Cultures	3
English		

ENGL 223	Introduction to Colonial and Postcolonial Literature [d]	3
French		
FR 191	African and Caribbean Francophone Literature in Translation (Same as BLST 191) [d]	3
FR 291	The Art of Happiness [b]	3
FR 293	Legal Drama: Trials in Film and Theater (Same as CLJ 293) [d]	3
FR 295	Science Fiction and Fantasy in the French-Speaking World [d]	3
FR 297	Paris in Literature, Film, and Culture [d]	3
FR 298	French Literature, Drama and/or Film in Translation [d]	3
Gender and Women's Studies		
GWS 102	Global Perspectives on Women and Gender [b]	3
GWS 255	Introduction to Middle East and Muslim Feminisms (Same as ANTH 255 and GLAS 255)	3
GWS 242	Introduction to Arab American Studies (Same as ANTH 242 and GLAS 242) [f]	3
GWS 262	Constructions of Gender, Race, Health, and Human Rights (Same as ANTH 262) [b]	3
Geography		
GEOG 161	Introduction to Economic Geography [b]	3
GEOG 203	Human Geography of Latin America including the Caribbean Region (Same as LALS 217) [b]	3
Germanic Studies		
GER 100	Introduction to Germanic Cultures and Literatures [d]	3
GER 120	Study of Gender, Class, and Political Issues in German Texts (Same as GWS 120) [b]	3
GER 122	Minority Perspectives in the Germanic Context (Same as JST 122 and RELS 122) [d]	3
GER 123	Introduction to Yiddish Culture and Literature (Same as JST 123 and RELS 123) [d]	3
GER 125	Diaspora, Exile, Genocide: Aspects of the European Jewish Experience in Literature and Film. (Same as JST 125 and RELS 127) [c]	3
GER 217	Introduction to German Cinema [d]	4
GER 244	Food and the Cultural Imagination (Same as LCSL 244)	3
Global Asian Studies		
GLAS 100	Introduction to Global Asian Studies	3
GLAS 201	Asian Markets, Corporations, and Social Justice (Same as ANTH 201)	3
GLAS 229	Introduction to Asian Film (Same as ENGL 229 and MOVI 229)	3
GLAS 244	Arab and Asian Connections in the U.S. and Globally (Same as ANTH 244) [f]	3
GLAS 248	Afro Asian Solidarities (Same as ANTH 248 and GWS 248) [f]	3
GLAS 260	Roots of K-Pop: Popular Culture in Modern Korean History (Same as HIST 260 and MUS 260)	3
GLAS 270	Topics in Asian Cultures and Societies	3
GLAS 274	Cultures of Global Vietnam (Same as ANTH 274 and HIST 274) [d]	3
Greek, Modern		
GKM 105	Modern Greek Culture	3
GKM 203	Modern Greek Authors in Translation	3
History		
HIST 100	Western Civilization to 1648 [c]	3
HIST 101	Western Civilization Since 1648 [c]	3
HIST 105	Global Transformations and the Rise of the West Since 1000 (Same as INST 105) [c]	3
HIST 106	The World Since 1400: Converging Worlds, New Circulations (Same as INST 106) [c]	3
HIST 109	East Asian Civilization: Ancient China (Same as GLAS 109) [c]	3
HIST 161	Introduction to Latin American History (Same as LALS 161) [c]	3
HIST 170	The Ottoman Empire [c]	3
HIST 177	Middle Eastern Civilization (Same as RELS 177) [c]	3
HIST 202	Ancient Greece (Same as CL 202) [c]	3
HIST 203	Ancient Rome (Same as CL 203) [c]	3
HIST 221	The Atlantic Slave Trade (Same as BLST 221) [c]	3
HIST 225	The Age of Revolution in France: 1715-1848 [c]	3
HIST 226	France and the World, 1848-present [c]	3
HIST 236	Russia Between Europe and Asia: Eurasian Spaces and Peoples in the Premodern Era [c]	3
HIST 241	Precolonial Africa in World History (Same as BLST 241) [c]	3
HIST 242	History of Modern Africa (Same as BLST 242) [c]	3
HIST 261	Latin America to 1850 (Same as LALS 261) [c]	3
HIST 262	Latin America Since 1850 (Same as LALS 262) [c]	3
HIST 264	The Pacific Rim in Modern History (Same as GLAS 264) [c]	3
HIST 266	Modern Mexico (Same as LALS 266) [c]	3
HIST 271	Late Imperial China: 1500 to 1911 (Same as GLAS 271) [c]	3
HIST 272	China Since 1911 (Same as GLAS 272) [c]	3
HIST 275	History of South Asia to 1857 (Same as GLAS 275) [c]	3

HIST 276	Modern South Asia, 1857 to the Present (Same as GLAS 276) [c]	3
HIST 277	The Middle East to 1258 [c]	3
HIST 278	The Middle East Since 1258 [c]	3
Honors College		
HON 122	Honors Core in Understanding Individual and Society and Exploring World Cultures [b]	3
HON 125	Honors Core in Understanding the Past and Exploring World Cultures [c]	3
HON 127	Honors Core in Understanding the Creative Arts and Exploring World Cultures [d]	3
HON 129	Honors Core in Exploring World Cultures and Understanding U.S. Society [f]	3
HON 133	Honors Core in Analyzing the Natural World and Exploring World Cultures [a]	3
HON 143	Honors Core in Exploring World Cultures	3
Human Nutrition		
HN 202	Culture and Food	2
Italian		
ITAL 230	Italian and Italian American Culture and Civilization (Same as CL 230) [c]	3
ITAL 249	Beauty, Power, Imagination: The Italian Renaissance (same as CL 249 and AH 249) [d]	3
ITAL 280	Beyond Italy: Cinema, Culture, and Change (Same as MOVI 280) [d]	3
ITAL 285	Zombies, Plagues, and Other Pandemics in Literature and Visual Media (same as LCSL 285 and SPAN 285) [b]	3
Jewish Studies		
JST 103	Introduction to Israel Studies [c]	3
JST 203	Israel Film: Aspects of History, Life, and Culture	3
Korean		
KOR 130	Understanding Korean History, Culture and Society through Contemporary Korean Films (Same as MOVI 130)	3
KOR 230	Korean Popular Culture in a Global World	3
Latin American and Latino Studies		
LALS 101	Introduction to Latin American Studies [c]	3
LALS 104	Introduction to Puerto Rican Studies [c]	3
LALS 105	Introduction to Mexican Studies [c]	3
LALS 107	Introduction to Nahua Studies	3
LALS 108	Indigenous Culture Change in Latin America	3
LALS 110	Introduction to Latin American Cultures [d]	3
LALS 220	Latin American Cities in a Global Context: Environment, Employment, and Housing (Same as US 220) [b]	3
LALS 260	Indigenous Storytelling in Latin America [d]	3
LALS 269	Latin American Environmental Studies [b]	3
LALS 275	Gender in Latin America (Same as GWS 275 and POLS 275) [c]	3
LALS 278	Latin American/Latino Film Studies (Same as MOVI 278 and SPAN 278) [d]	4
Linguistics		
LING 170	Languages of the World [b]	3
Literatures, Cultural Studies, and Linguistics		
LCSL 250	Introduction to Comparative Cultural Studies [d]	3
LCSL 294	Topics in Cultural Studies Abroad [d]	3
Lithuanian		
LITH 115	Lithuanian Culture	3
LITH 130	Lithuanian Prose Fiction in International Context [d]	3
Moving Image Arts		
MOVI 207	European Cinema (Same as GER 207 and SPAN 207) [d]	3
Music		
MUS 127	Latin American Music (Same as LALS 127) [d]	3
MUS 227	Music Cultures of the World [d]	3
Native American Studies		
NAST 113	Native American Studies: Sovereignty [c,f]	3
Philosophy		
PHIL 240	Philosophy and Revelation: Jewish and Christian Perspectives (Same as RELS 240 and JST 240) [b]	3
Polish		
POL 115	Introduction to Polish Culture	3
POL 120	The Polish Short Story in Translation [d]	3
POL 130	Masterworks of Polish Literature in Translation [d]	3
POL 140	Polish Drama in Translation (Same as THTR 140) [d]	3
POL 150	Introduction to Polish Cinema [d]	3
POL 220	Modern Polish-Jewish Culture and Literatures (Same as CEES 220 and JST 220) [d]	3
Political Science		
POLS 184	Introduction to International Relations (Same as INST 184) [b]	3
POLS 231	Politics and Society of China (Same as GLAS 231 and HIST 231)	3
POLS 232	Politics and Government of Korea (Same as GLAS 232)	3
POLS 243	Politics and Government of the Middle East (Same as JST 243)	3
Public Health		
PUBH 110	Public Health and Global Societies [b]	3
Public Policy		
PPOL 232	International Development Policy [b]	3

Religious Studies		
RELS 101	Introduction to World Religions	3
RELS 130	Introduction to Islam	3
RELS 230	Topics in Islam	3
RELS 250	Eastern and Western Philosophies of Religion (Same as INST 250)	3
Russian		
RUSS 115	Russian Culture Before the Revolution	3
RUSS 116	Russian Culture: The Soviet Period	3
RUSS 120	The Russian Short Story in Translation [d]	3
RUSS 130	Masterpieces of Russian Literature in Translation [d]	3
RUSS 140	Understanding the Body: Health, Gender, and Disability in Russian Culture [d]	3
RUSS 150	Introduction to Russian Cinema [d]	3
RUSS 244	Women in Russian Literature (Same as GWS 244) [d]	3
Sociology		
SOC 268	Introduction to Comparative Sociology [b]	3
Spanish		
SPAN 192	Latin American Women Writers in Translation (Same as GWS 192 and LALS 192) [b]	3
SPAN 225	Spanish and Latin American Culture through Literature and Film (Same as MOVI 225)	3
SPAN 226	Early Modern Spanish and Colonial Latin American Literature and Culture in Translation [d]	3
Special Education		
SPED 202	International Perspectives: Inclusive Education and Schooling (same as ED 202) [b]	3
Urban Studies		
US 100	Concepts in Geography (Same as GEOG 100) [b]	3
US 220	Latin American Cities in a Global Context: Environment, Employment, and Housing [b]	3

a *also approved for Analyzing the Natural World*
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c *also approved for Understanding the Past*
d *also approved for Understanding the Creative Arts*
e *also approved for Exploring World Cultures*
f *also approved for Understanding U.S. Society*

Understanding U.S. Society

The United States is a country that is often characterized by its diversity, including diversity of cultures, religions, classes, racial and ethnic backgrounds, and gender practices. The aim of this category is to study these diversities, explore the principles and experiences that unite us in the face of them, and perhaps most importantly, to examine critically the social, cultural, and political tensions that arise between that which unites and that which divides us. The goal is thus to understand our society and our political and economic systems, whether to gain knowledge of the past events that have shaped current ones, to gain the means to evaluate critically current policy and to shape future ones, or to develop a deeper understanding of the complexities of our current communities.

Courses in this category should address some significant aspect of U.S. society as their central focus. They should be designed to facilitate the students' ability to do one or more of the following:

1. Analyze aspects of U.S. society.
2. Analyze the communicative, political, social, economic, or cultural systems in the U.S.
3. Explore the diverse communities—racial, ethnic, class, gender, religious, and sexual—that define cultural and political life in the United States.
4. Critically examine the tensions among various groups within U.S. society.
5. Explore contemporary governmental policies.
6. Analyze the role and influence of the U.S. in the world.
7. Study events, ideas, or movements that have influenced U.S. society.

Code	Title	Hours
Understanding U.S. Society Courses		
Black Studies		
BLST 100	Introduction to Black Studies [b]	3
BLST 103	Black Politics and Culture in the United States (Same as POLS 112) [b]	3
BLST 104	Race, Place, and Schooling: Black Americans and Education (Same as EDPS 104) [b]	3
BLST 105	Black Film, 1900 - Present: Images, Individuals and Ideas on Screen (Same as COMM 105 and MOVI 105) [d]	3
BLST 110	Introduction to African American Literature, 1760-1910 (Same as ENGL 118) [d]	3
BLST 111	Introduction to African American Literature Since 1910 (Same as ENGL 119) [d]	3
BLST 125	Black Religious Traditions (Same as RELS 125) [c]	3
BLST 246	Black Lives in Historical Context (Same as HIST 243) [c]	3
BLST 247	African American History to 1877 (Same as HIST 247) [c]	3
BLST 248	African American History since 1877 (Same as HIST 248) [c]	3
BLST 249	Black Freedom Movements in the U.S. [c]	3
BLST 262	Black Cultural Studies (Same as ENGL 262) [d]	3
BLST 265	Harlem Renaissance (Same as ENGL 265) [c]	3
BLST 271	Race and the Politics of Incarceration (Same as CLJ 271 and SOC 271) [b]	3
BLST 272	Race, Gender, and Sexuality (Same as GWS 272) [b]	3
Catholic Studies		

CST 150	Catholicism in U.S. History (Same as RELS 150 and HIST 150)	3
Civil and Materials Engineering		
CME 112	Evolution of Infrastructure and Society	3
Communication		
COMM 150	Happiness & Social Media	3
Criminology, Law, and Justice		
CLJ 101	Introduction to Criminology, Law, and Justice	3
CLJ 102	Foundations of Law and Justice	3
CLJ 110	Rights, Justice and the Law	3
CLJ 114	Race, Class, Gender and the Law	3
CLJ 120	Crime and Society	3
CLJ 121	Violence in Society	3
CLJ 122	Gangs and the Media	3
CLJ 200	Law and Society	3
CLJ 230	Migrant Criminalization and Justice	3
Dialogue		
DLG 220	Intergroup Dialogue [b]	3
Disability and Human Development		
DHD 101	Disability in U.S. Society [b]	3
DHD 102	Disability in Media [d]	3
DHD 206	Disability, Inclusive Cities, and Environmental Accessibility [a]	3
Economics		
ECON 120	Principles of Microeconomics [b]	4
ECON 121	Principles of Macroeconomics [b]	4
Education		
ED 100	Introduction to Urban Education [b]	3
ED 135	Child and Youth Policies in Urban America [b]	3
ED 200	Education Policy Foundations	3
ED 205	Introduction to Race, Ethnicity, and Education [b]	3
ED 222	Introduction to Gender, Sexuality, and Education [b]	3
ED 252	Contemporary Controversies in U.S. Schools	3
ED 253	Current Debates in Higher Education	3
ED 258	Language Development and Learning in a Diverse Society [b]	3
English		
ENGL 123	Introduction to Asian American Literature (Same as GLAS 123) [d]	3
ENGL 253	Environmental Rhetoric [c]	3
ENGL 258	The Grammar and Style of Non-Standard Englishes in the U.S. [b]	3
ENGL 264	Introduction to Native American Literatures (Same as NAST 264) [d]	3
ENGL 269	Introduction to Multiethnic Literatures in the United States [d]	3
Entrepreneurship		
ENTR 200	Survey of Entrepreneurship [b]	3
Finance		
FIN 210	U.S. Financial Markets	3
Gender and Women's Studies		
GWS 101	Gender in Everyday Life [b]	3
GWS 204	Gender and Popular Culture (Same as COMM 204) [b]	3
GWS 242	Introduction to Arab American Studies (Same as ANTH 242 and GLAS 242) [e]	3
Global Asian Studies		
GLAS 120	Introduction to Asian American Studies (Same as SOC 120) [b]	3
GLAS 210	Asian American Histories (Same as HIST 210) [b]	3
GLAS 217	Introduction to Filipino American Studies	3
GLAS 230	Cultural Politics of Asian American Food [b]	3
GLAS 244	Arab and Asian Connections in the U.S. and Globally (Same as ANTH 244) [3]	3
GLAS 248	Afro Asian Solidarities (Same as ANTH 248 and GWS 248) [e]	3
GLAS 250	Critical Issues in Community Engagement [b]	3
GLAS 252	U.S. Racism and Imperialism (same as BLST 252) [c]	3
GLAS 263	Asian American Gender and Sexual Diversity (Same as GWS 263) [b]	3
History		
HIST 103	Early America: From Colonization to Civil War and Reconstruction [c]	3
HIST 104	Modern America: From Industrialization to Globalization [c]	3
HIST 240	Radicalism in America: From the Revolution to Occupy Wall Street [c]	3
HIST 245	Imagining the American West [c]	3
HIST 246	History of American Capitalism (Same as POLS 246) [c]	3
HIST 249	The American Civil War [c]	3
HIST 252	Sexuality in America: Historical Perspectives (Same as GWS 252) [c]	3
HIST 253	The Worker in American Life [c]	3
HIST 255	History of Chicago [c]	3
HIST 256	Religion in American History (Same as RELS 256) [c]	3
HIST 259	Women and Gender in American History (Same as GWS 259) [c]	3
HIST 267	American Intellectual History to 1865 (Same as POLS 267) [c]	3
HIST 268	American Intellectual History since 1865 (Same as POLS 268) [c]	3
HIST 293	The Gilded and the Gritty: Power, Culture, and the Making of 20th-century America [c]	3
Honors College		
HON 123	Honors Core in Understanding Individual and Society and Understanding U.S. Society [b]	3

HON 126	Honors Core in Understanding the Past and Understanding U.S. Society [c]	3
HON 128	Honors Core in Understanding the Creative Arts and Understanding U.S. Society [d]	3
HON 129	Honors Core in Exploring World Cultures and Understanding U.S. Society [e]	3
HON 134	Honors Core in Analyzing the Natural World and Understanding U.S. Society [a]	3
HON 144	Honors Core in Understanding U.S. Society	3
Italian		
ITAL 270	The Sopranos Effect: Myth, Migration and the Italian-American Identity (Same as ENGL 270) [b]	3
ITAL 277	Reel Mobsters: Mafia in Film and Television (Same as ENGL 277 and MOVI 277) [d]	3
Latin American and Latino Studies		
LALS 102	Introduction to Latino Studies [c]	3
LALS 103	Introduction to Latino Urban Studies [b]	3
LALS 109	Introduction to Latino Cultures [d]	3
LALS 276	Latinas in the United States (Same as GWS 276 and SOC 226) [b]	3
LALS 283	Latinos and Politics (Same as POLS 209)	3
LALS 290	Mexican-American History (Same as HIST 290) [c]	3
LALS 295	Latino Literary Studies (Same as ENGL 295 and SPAN 295) [d]	3
Linguistics		
LING 160	Language and Society [b]	3
LING 260	Language Acquisition, Language Contact and Bilingualism [b]	3
Native American Studies		
NAST 113	Native American Studies: Sovereignty [c,e]	3
Pharmacy		
PHAR 201	Pharmaceutical Care in the US	3
Philosophy		
PHIL 104	Introduction to Political Philosophy [b]	3
PHIL 131	Educational Ethics (Same as ED 131) [b]	3
Political Science		
POLS 101	Introduction to American Government and Politics [b]	3
POLS 195	Politics of Science and Technology	3
Public Health		
PUBH 100	Health and the Public [b]	3
Public Policy		
PPOL 101	Contemporary Issues in Public Policy [b]	3
PPOL 210	Introduction to Public Policy	3
PPOL 212	Evidence-Based Public Policy	3
PPOL 220	Introduction to Civic Technology	3
PPOL 230	Nonprofit Organizations and Civil Society [c]	3
PPOL 231	Social Policy and Inequality in the U.S.	3
PPOL 240	Environmental Policy	3
Social Justice		
SJ 201	Theories and Practices of Social Justice	3
Sociology		
SOC 100	Introduction to Sociology [b]	3
SOC 105	Social Problems [b]	3
SOC 215	Sociology of Childhood and Youth [b]	3
SOC 224	Gender and Society (Same as GWS 224) [b]	3
SOC 225	Racial and Ethnic Groups (Same as BLST 225 and LALS 225) [b]	3
SOC 228	Sociology of Asia and Asian Americans (Same as GLAS 228) [b]	3
SOC 229	Sociology of Latinos (Same as LALS 229) [b]	3
SOC 241	Social Inequalities [b]	3
SOC 244	Sociology of Work [b]	3
SOC 245	Marriage and Family [b]	3
SOC 246	Sociology of Religion (Same as RELS 246) [b]	3
SOC 251	Health and Medicine [b]	3
SOC 276	Urban Sociology [b]	3
Spanish		
SPAN 224	Bilingual/Bicultural Hispanic American Writers	3
Special Education		
SPED 101	Disability and Schooling	3
Theatre		
THTR 105	Introduction to American Musical Theatre [d]	3
Urban Studies		
US 101	Introduction to Urban Studies	3
US 130	Principles of Urban Sustainability	3
US 202	Social Justice and the City	3
US 230	Practices for Sustainable Cities	3

a *also approved for Analyzing the Natural World*
b *also approved for Understanding the Individual and Society*
c *also approved for Understanding the Past*
d *also approved for Understanding the Creative Arts*
e *also approved for Exploring World Cultures*
f *also approved for Understanding U.S. Society*

University Degree Requirements, Graduation, and Commencement

University Degree Requirements

UIC has several degree requirements that apply to all students pursuing an undergraduate degree, regardless of major. University degree requirements serve as minimum standards; many colleges set higher standards than the minimum required by the university. A student must always fulfill the degree requirements outlined by the major college.

University degree requirements bring a level of consistency and quality to all undergraduate degrees awarded at UIC. By setting standards that are met or exceeded by the colleges, the university ensures the integrity of all the degrees it awards.

University degree requirements include the following:

- General Education Requirements (see the General Education (p. 86) section of the catalog)
- Grade Point Average Requirement
- Enrollment Residence Requirement
- Semester Hour Requirement

The minimum university degree requirements are outlined below. **Important Note: Students should consult their college section of the catalog for specific information on how to meet the degree requirements set by the college.**

General Education Requirements

Students should consult the General Education (p. 86) section of the catalog for a complete description of the university's General Education Program as well as their college/department sections of the catalog to determine how to fulfill the General Education requirements within their degree program.

Grade Point Average (GPA) Requirement

All candidates for a degree must have at least a 2.00/4.00 grade point average in all work taken at the University of Illinois Chicago, in all work taken in the major field, and in all work accepted by the university (transfer work plus work taken at UIC). A student may be required to meet higher minimum grade point averages in certain degree programs.

Students should consult their college section of the catalog for more information on the grade point average requirement for their degree program.

Enrollment Residence Requirement

The enrollment residence requirement must be satisfied. In all academic units except the College of Business Administration, either the first 90 semester hours or the last 30 semester hours of university work must be taken at UIC. In the College of Business Administration, the last 30 semester hours must be taken at UIC. In addition, at least one-half of the semester hours required in the student's major area of study must be completed at UIC. Concurrent attendance at the University of Illinois Chicago and another collegiate institution, or enrollment at another institution, when approved by the student's college, does not interrupt the UIC enrollment residence requirement for graduation. Credit earned through military service or non-UIC test-based credit such as but not limited to College Level Placement Examination Program (CLEP), Advanced Placement Program (AP), International Baccalaureate Program (IB), and State Seal of Biliteracy will not apply to the last 30 semester hours of enrollment residence.

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in enrollment residence at the University of Illinois Chicago.

60-Hour Requirement

Credit approved for transfer from an accredited community or junior college is limited only by the provision that the student must earn at least 60 semester hours required for the degree at the University of Illinois Chicago or at any other accredited four-year college or university, except that the student must meet the enrollment residence requirements that apply to all students for a degree from UIC.

Semester Hour Requirement

The minimum number of semester hours required for a degree is 120. The required number of hours varies within the colleges, schools, and degree programs. The student should refer to the section of this catalog that covers the college and curriculum to determine the hours required for a particular degree. The college office also provides this information.

Policies Affecting Degree Requirements and Graduation

Admission Requirements

All admission requirements for the student's chosen degree program must be met.

Deficiencies

All deficiencies in entrance credit must be removed prior to graduation.

Degree Program Name Change

If a college, school, department, or program changes the name of a major or curriculum or the title of a degree program as a result of reorganization, continuing students in the affected major, curriculum, or degree program will be transferred to the newly titled/named major, curriculum, or degree program.

Degree Requirements

Students must meet all requirements of their chosen college and degree program.

When degree requirements change, continuing students and those whose attendance has been interrupted for no more than two years may choose either the new requirements or the degree requirements in effect at the time the students were admitted. Students whose attendance has been interrupted for more than two years are responsible for meeting the requirements of the university and college as well as the degree program in effect at the time of the student's reenrollment.

If a curriculum is eliminated in its entirety, or if required courses are eliminated from a particular curriculum, the department, school, or college reserves the right to offer substitute courses as deemed appropriate by the unit's faculty. Students may have to fulfill new requirements when external accrediting or certifying agencies change their professional requirements.

Repeat Policy for Standard Graded Courses

Students may repeat a course to increase their knowledge of the subject matter. There are circumstances under which repeating a course is advisable and to a student's advantage. There are also circumstances

where repeating a course may disadvantage a student and narrow a student's options. Some colleges require students to discuss any plan to repeat a course with their academic advisor before they register to repeat the course.

Courses with A or B grades may not be repeated. Normally, courses with a C grade may not be repeated. Courses with D or F grades may be repeated once without written permission. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once requires written permission from the student's college dean. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The semester hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Double Major, Double Degrees, and Second Bachelor's Degree

The following general definitions are offered for informational purposes. Students should consult their college section of the catalog for information about the options available to them and the policies associated with those options. In addition, students should check with an academic advisor before pursuing one of these options.

Double Major

A double major consists of one bachelor's degree with two majors. A double major does not ordinarily have, as a requirement, additional semester hours beyond those required for a single major. To double major, students must complete all of the requirements for two majors within one college. A double major is generally not permitted when there is substantial overlap in coursework between the two majors.

Double Degrees

Double degrees consist of two bachelor's degrees completed concurrently. Double degrees require a minimum of 30 additional semester hours beyond those required for the first degree. To receive double degrees, students must formally request acceptance into the second degree program and complete all requirements for each of the degree programs. Double degrees can be within one college or across two colleges. Students who obtain double degrees receive a diploma for each degree. Double degrees are generally not permitted when there is substantial overlap in coursework between the two degree programs. No more than two bachelor's degrees may be awarded concurrently.

Second Bachelor's Degree

A second bachelor's degree is available only for students who have already been awarded a bachelor's degree at UIC or another institution. A second bachelor's degree requires a minimum of 30 semester hours at UIC after completion of the first degree. Students must apply to, be admitted, and complete the requirements for the second bachelor's degree. A second bachelor's degree is generally not permitted when there is substantial overlap in coursework between the first and second degrees. Students pursuing two degrees concurrently must follow the policies for Double Degrees, not Second Bachelor's Degree.

Application of Military Science Credits Toward the Degree

Earned credits in Military Science courses are applied toward partial fulfillment of degree requirements subject to the following:

- Military Science courses approved for general education are excluded from these limitations.
- Credits earned in 200-.300-,and 400-level MILS courses are applied as general elective credits and fulfill semester hour requirements for undergraduate degrees.
- Colleges may determine the applicability of MILS courses to satisfy college-specific requirements of majors, minors, concentrations, selectives, or electives.
- Colleges may allow a maximum of three semester hours of credit for Military Science courses at the 100 level. Colleges may allow an additional one hour of credit in basic military science for a minimum of six months of extended active duty in the in any branch of the armed forces of the United States.
- These rules apply to courses in naval science (NS) courses offered to UIC undergraduates and appearing on a UIC transcript but taught at the Illinois Institute of Technology (Illinois Tech).

Policies and Procedures for Student Discipline, Academic Integrity, and Academic Grievances

Student Disciplinary Policy

The Student Disciplinary Policy is recognized as the standard process for handling incidents of student misconduct. The Student Disciplinary Policy is independent from and may be implemented in addition to any other university document, policy, or process, which may exist and relates to

matters of student behavior. This policy governs all regional sites of the University of Illinois Chicago (UIC).

The Student Disciplinary Policy addresses both academic (such as plagiarism, cheating, or grade tampering) and behavioral (such as theft, assault, sexual assault, stalking, domestic violence, underage drinking, and drug use) misconduct. It applies to the on-campus and off-campus conduct of students and Registered Student Organizations (RSO) in direct connection with any required educational activity or co-curricular experience (e.g., a professional practice assignment, internship, field trip, student teaching assignment, research, student leadership conference, social event, etc.) and any activity or event sponsored, conducted, or authorized by the university.

The Student Disciplinary Policy may also be utilized to address student conduct occurring off campus that affects the interests or environment of the university community and/or individual members or specific groups within that community including, but not limited to, behavior that:

a. Constitutes a violation of local, state, or federal law (e.g., all alcohol and or/drug violations and other repeat violations of any local, state, or federal law).

b. Poses a threat to the health or safety of the student or others.

The purpose of the Student Conduct process is to assist in the development of a responsible community of students who are encouraged to pursue individual goals, respect the rights of others, and comply with legal norms of society. The Student Conduct process plays a supportive role in the development of responsible student behavior. If the behavior of a student conflicts with established university standards, the Student Conduct process seeks to educate the student about the personal and social consequences of their behavior and repair the impact of the harm to the community. The Student Disciplinary Policy is housed in the Office of the Dean of Students and is available online.

To report non-academic misconduct, please use the Student Misconduct Incident Report. To report academic misconduct, please use the Academic Integrity Incident Report. For more information on filing an incident report to initiate the student conduct process, please contact the Office of the Dean of Students at (312) 996-4857 or online.

Guidelines Regarding Academic Integrity

As an academic community, the University of Illinois Chicago is committed to providing an environment in which research, learning, and scholarship can flourish and in which all endeavors are guiding by academic and professional integrity. All members of the campus community—students, staff, faculty, administrators—share the responsibility of ensuring that these standards are upheld so that such an environment exists. Instances of academic misconduct by students, and as defined herein, shall be handled pursuant to the Student Disciplinary Policy.

Violations of the UIC Guidelines for Academic Integrity include, but are not limited to:

1. *Cheating:* Either intentionally using or attempting to use unauthorized materials, information, people, artificial intelligence, or study aids in any academic exercise; providing to, or receiving from another person, any kind of unauthorized assistance on any examination or assignment.
2. *Fabricating Academic Materials:* Unauthorized reproduction, falsification, lack of attribution, or invention of any information or citations in an academic exercise.
3. *Facilitating Academic Dishonesty/Plagiarism:* Intentionally or knowingly misrepresenting the words or ideas of another as one's own in any academic exercise.
4. *Offering Bribes, Favors, or Threats:* Bribing, attempting to bribe, promising favors to, or making threats against any person with the intention of affecting a record of a grade or evaluation of academic performance; any conspiracy with another person who then takes, or attempts to take action on behalf of, or at the direction of the student.
5. *Examination by Proxy:* Taking or attempting to take an exam for someone else is a violation by both the student enrolled in the course and the proxy or substitute.
6. *Grade Tampering:* Any unauthorized change, attempt to change, or alteration of grades.
7. *Submitting Nonoriginal Works:* Any unauthorized submission or attempt to submit any written work, written in whole or in part, by someone other than the student.

The *Student Disciplinary Policy* outlines other applicable policies, rules, guidelines or procedures established by the university, college, academic unit, or instructor (e.g., in a course syllabus) related to academic integrity. The following may be considered violations of those standards:

1. *Professional Standards:* Conduct which violates any commonly recognized or generally accepted professional standards (as defined by the student's college) including, but not limited to, unacceptable conduct in clinical, practicums, internships, or off-campus training sites. *Note: A representative from the student's college will be invited to any conduct meeting where this violation is alleged to explain the college's professional standards.*
2. *Research Misconduct:* Any conduct that falls within the definition of Research Misconduct in the University of Illinois System Policy on Integrity in Research and Publication, including, but not limited to: Fabrication; falsification; plagiarism; not retaining or maintaining data, code, or other information or materials underlying research results for the period of time necessary to meet all relevant legal obligations and professional standards; misleading statistical analyses or data processing; serious Interference in the research of another; evasion of or failure to comply with research regulations, such as those governing conflict of interest or commitment, human subjects, laboratory animals, new drugs, radioactive materials, genetically altered organisms, and safety; misleading or false reporting of credentials and related information; breach of confidentiality with respect to unpublished materials; misappropriation of research materials; unethical or biased treatment of others that impedes or diminishes the research productivity of others that is not covered by other university or System policies; or, any other conduct that constitutes a significant departure from accepted Research Integrity standards or from accepted practices of the relevant research community, ethical guidelines, or professional standards in scholarship and research that affects the integrity of the conduct, evaluation, or reporting of research.
3. *Unauthorized Collaboration:* Working with others without the express permission of the instructor on any submission, whether in draft or final form, to meet course requirements (including a paper, project, take-home exam, computer program, oral presentation, or other work). Unauthorized collaboration also means using any work submitted from a previous semester of a course by another student to meet course requirements. Collaboration between students will be

considered unauthorized unless expressly part of the assignment in question, or expressly permitted by the instructor.

4. *Abuse of Academic Materials:* Destroying, defacing, stealing, or making inaccessible library or other academic resource material.
5. *Participation in Academically Dishonest Activities:* The university defines participation in academically dishonest activities as any action taken by a student with the intention of gaining an unfair advantage over other students. Examples include, but are not limited to:
   a. Misrepresenting oneself or one's circumstances to an instructor;
   b. Purchasing a prewritten paper(s) or assignment(s);
   c. Selling, loaning, or otherwise distributing materials intended for the purpose of cheating, plagiarism, or other academically dishonest acts;
   d. Destroying, altering, stealing, or forging someone else's work, library materials, laboratory materials, academic records, course syllabi, or examination/course grades;
   e. Misrepresenting academic documents, including forgery, alteration, or knowing misuse of graded examinations, quizzes, grade lists, or official records of documents, including, but not limited to, medical excuses, transcripts from any institution, letters of recommendation, degree certificates, change of grade slip, examinations, quizzes, or falsifying academic information on one's resume.

Student Academic Grievance Procedures

The Student Academic Grievance Procedures define an administrative process through which students may seek resolution of complaints or Grievances regarding academic standing during their enrollment at UIC.

Student Academic Grievance Procedures Eligibility

1. These Procedures **may only** be used by Students:
   a. with a Complaint or Grievance regarding academic standing during their enrollment at UIC.
   b. about an academic decision made about them by an agent (e.g., faculty or staff member, administrator, committee) of the University of Illinois Chicago that directly and adversely affects the Student.
2. These Procedures **may not** be used:
   a. in deciding or appealing issues relating to student discipline under the purview of the Senate Student Judiciary Committee;
   b. in resolving any complaint, request, or question involving student records subject to campus procedures established under the Family Educational Rights and Privacy Act (FERPA) and contained in the Guidelines and Procedures Governing Student Records;
   c. by applicants for admission;
   d. in review of any decision by any university administrator or properly constituted board or committee relating to allocation of resources to support any unit's projects or programs.

A complete description of the procedures is online.

Graduation with Honors

The UIC Senate and the University of Illinois Board of Trustees establish the criteria under which students are awarded department, college, and university honors. Campus standards for college and department honors are described below. Currently applicable standards appear in the appropriate college and department sections of this catalog.

Departmental Honors

Departmental Distinction shall be based on grade point average and on other criteria considered appropriate by the department in which the major is completed and by its college. The transcripts carry the designation distinction, high distinction, or highest distinction, as appropriate.

General College Honors

General College Honors shall be awarded to a specific percentage of students, to be decided by the college, but not to exceed 15 percent of the students graduating in the college. The diploma and transcript carry the notation of such an award. Graduation with College Honors benefits the student when being considered for a graduate fellowship, job placement, or some other competitive opportunity.

University Honors

University Honors are awarded to graduating students who satisfy UIC hours residency requirements with a UIC grade point average that falls within the following honors categories:

- Summa cum laude: 3.90 and above
- Magna cum laude: 3.75 to 3.89
- Cum laude: 3.50 to 3.74

University Honors will be awarded based on UIC GPA at the end of the term prior to the term of graduation for commencement ceremony purposes. UIC will make permanent adjustments to student transcripts and diploma related to University Honors based on final grades.

Commencement

Degrees

A degree from the University of Illinois Chicago is awarded by action of the Board of Trustees on recommendation of the appropriate college and the Senate. Degrees are awarded three times a year, at the end of the fall, spring, and summer terms. The student receives the degree in a stated curriculum.

Students completing all degree requirements for their declared major will need permission from their college to enroll in additional undergraduate courses. After the degree has been awarded, students must submit a new application for admission to UIC in order to continue studying at the university.

Commencement

The colleges hold their own commencement ceremonies at the end of the spring semester. At each college ceremony, undergraduate, graduate, and professional degree students are individually recognized as degrees are conferred. Graduates from the preceding summer and fall terms and current spring semester are eligible to participate in the Spring Commencement ceremonies.

Check with the college for eligibility requirements. Additional information on commencement, including the schedule of ceremonies, maps and parking, and cap and gown information, is online.

Diplomas

Diplomas for both undergraduate and graduate students are mailed approximately three to four months after the degree award date.

Change of Name

To be reflected on the diploma, name changes must be submitted to the Office of the Registrar, 1200 Student Services Building, by the last day of the degree expected term.

Duplicate Diplomas

If the original diploma is destroyed, a duplicate diploma may be ordered by contacting the Office of the Registrar, 1200 Student Services Building. There is a fee for the replacement diploma, and it bears the signatures of the current officials of the state and university.

Program Changes and Updates

The online catalog is updated as program and requirement changes are approved. If the same program is revised more than once, the new requirements replace previous requirements. All of the links below refer users to the current requirements.

Fall 2026

College of Applied Health Sciences

- Revise the BS in Health Information Management (p. 117)
- Revise the Minor in Health Information Management (p. 121)
- Revise the BS in Disability and Human Development (p. 123)

College of Architecture Design and the Arts

- Eliminate School of Art and Art History; Reorganize Department of Art as School of Art; Reorganize and Consolidate the Department of Art History and Program of Museum and Exhibition Studies as the Department of Art History and Museum and Exhibition Studies
- Revise the Minor in Music (p. 173)
- Revise the BMus in Jazz Studies (p. 161)
- Revise the BA in Music Business (p. 156)

College of Business Administration

- Rename and revise the Minor in Professional Sales and Relationship Management (p. 205)
- Establish the Concentration in Risk Management and Insurance in the BS in Finance (p. 186)
- Revise the Minor in Real Estate (p. 206)
- Add Selective to the Sales Leadership Concentration in the BS in Marketing (p. 194)

College of Education

- Establish the BS in Inclusive and Special Education
- Revise the BA in Urban Education (p. 214)
- Add Selectives to the BA in Human Development and Learning (p. 218)

College of Engineering

- Establish the Concentration in Applied Economic Analysis in the BS in Data Science
- Revise the BS in Biomedical Engineering (p. 231) Concentration Area Electives Requirement

College of Liberal Arts and Sciences

- Suspend Admission to the Minor in Religious Studies (p. 428)
- Eliminate the BA with a Major in Italian
- Revise the Minor in Arabic (p. 340)
- Establish the BS in Computer Science and Economics
- Establish the Minor in Biological Physics
- Establish the Minor in International Politics
- Establish the Concentration in International Politics in the BA with a Major in Political Science
- Add BIOS 333 as a Selective Option in the BS with a Major in Biological Sciences (p. 325)
- Add BIOS 333 as a Selective Option in the BS with a Major in Integrated Health Studies, Concentration in Health and Science (p. 384)
- Add FR 200 and FR 201 as Selective Courses in the BA with a Major in French and Francophone Studies (p. 358), BA in the Teaching of French (p. 359), and Minor in French and Francophone Studies (p. 361)
- Revise the Total Hours Required for the BA with a Major in Economics (p. 346)
- Revise the BA with a Major in History (p. 378)
- Revise the BA with a Major in Black Studies (p. 331) and the Minor in Black Studies (p. 333)
- Revise the BA with a Major in Applied Psychology (p. 425), BS with a Major in Psychology (p. 426), and Minor in Psychology (p. 427)
- Add PHIL 206 as a Selective in the BS with a Major in Neuroscience (p. 403)
- Add LAS 289 as an Elective Option for the BA with a Major in Spanish (p. 372), BA with a Major in Spanish with Concentration in Spanish for the Professions (p. 373), BA in the Teaching of Spanish (p. 375), Minor in Spanish (p. 377), and Minor in Spanish for the Professions (p. 377)
- Add BIOS 472 as a Selective Option in the BS with a Major in Biological Sciences - Molecular, Cellular, and Organismal Biology Concentration (p. 329)

School of Public Health

- Rename and Revise the BS in Public Health (p. 469)
- Rename and Revise the BA in Public Health (p. 467)

Colleges & Departments

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- College of Architecture, Design, and the Arts (p. 136)
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Other Units

- Council on Teacher Education (p. 491)

College of Applied Health Sciences

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Health and Rehabilitation Sciences: (312) 996-2079

Introduction

Nationally prominent in research, service, and education, the College of Applied Health Sciences (AHS) is a leader in applied rehabilitation and disability studies. The college houses five departments and one program (hereafter referred to as units):

1. Biomedical and Health Information Sciences
2. Disability and Human Development
3. Kinesiology and Nutrition
4. Occupational Therapy
5. Physical Therapy
6. Program in Health and Rehabilitation Sciences

A variety of degree programs is offered in the areas of biomedical visualization, disability studies, health informatics, health information management, nutrition, kinesiology, occupational therapy, physical therapy, and rehabilitation sciences. The college offers five bachelor's degrees, seven master's degrees, and seven doctoral programs.

The research efforts of the multidisciplinary faculty are directed toward new and applied knowledge in aging and disability studies, health information sciences, and health promotion and disease prevention. The college's research and educational programs are substantially strengthened by the unification of the academic departments with their clinical counterparts in the University of Illinois Medical Center.

The mission of the College of Applied Health Sciences is to prepare professionals for the advancement of health and of healthcare and its related aspects of human development, performance, and adaptation. The principal means through which this mission is accomplished is by actively integrating teaching, research, and service. The college's first priority is the education of its students, which includes fostering their capacity for compassion, dedication, and advocacy. As a major component of an urban land grant institution, the college is committed to diversity, community needs, and the creation and dissemination of new knowledge.

The college encourages and accommodates the participation of persons with disabilities in all of its programs.

Accreditation

Each of the college's professional programs is accredited by the appropriate accrediting agency and most serve as national models in education. For information on specific accreditation, refer to the appropriate program in the following sections of this catalog.

Degree Programs

The College of Applied Health Sciences houses both traditional undergraduate BS programs as well as professional BS programs. Students can pursue an undergraduate professional course of study in the Health Information Management program. The undergraduate professional course of study is arranged in two phases: completion of preprofessional coursework and two years of professional coursework at UIC leading to professional baccalaureate degrees in health information management. Prerequisite courses equivalent to those offered by the University of Illinois Chicago may be completed at any accredited college or university. The college's professional programs coordinate classroom instruction with clinical experience in a variety of healthcare facilities in Chicago and surrounding areas throughout the two years of the program. The two-year, campus-based professional program begins in the fall semester of each academic year. Completion of professional program graduation requirements culminating in a baccalaureate degree qualifies the graduate to take the appropriate national certification examinations. Information about the examinations will be provided by the academic program during matriculation. Professional certification is necessary and in most cases mandatory for practice. A Health Information Management online degree completion program is also available for students who have successfully completed the program prerequisites and earned an associate's degree in a healthcare discipline, information technology, or business.

Traditional BS programs are offered in Disability and Human Development, Kinesiology, Nutrition Science, and Health and Rehabilitation Sciences, and students are admitted to these programs at the freshman and transfer levels. The BS in Disability and Human Development, BS in Health Information Management, BS in Kinesiology, BS in Nutrition, and BS in Health and Rehabilitation Sciences degrees are awarded. The Disability and Human Development, online Health Information Management, Kinesiology, Nutrition Science, and Health and Rehabilitation Sciences programs admit students for the fall and spring terms. Students may only begin their professional coursework for the on-

campus Health Information Management program in the fall term. The Kinesiology program helps prepare students for professional studies at the graduate level in areas such as physical therapy, nutrition, medicine, dentistry, and nursing, or direct entry into careers in the health and fitness industries. The program encourages undergraduate participation in research; there are ample opportunities for undergraduates to become engaged in exciting research projects in state-of-the-art laboratories that are under the direction of world-class scientists. The Nutrition Science program is an accredited "Didactic Program in Dietetics," enabling graduates to apply for a dietetic internship at sites approved by the American Dietetic Association. The BS in Disability and Human Development offers a comprehensive curriculum that fosters understandings of disability as a social, political, historical, cultural, and environmental phenomenon, not just a medical or biological condition. The BS in Health and Rehabilitation Sciences is an interdisciplinary social science degree offered through the College of Applied Health Sciences that is a unique integration of the research and educational expertise of all of the college's departments.

The professional occupational therapy entry-level program is offered through the Doctor of Occupational Therapy (OTD) program. The professional physical therapy entry-level program is offered through the Doctor of Physical Therapy (DPT) program. For more information about these programs, contact the Department of Occupational Therapy at (312) 996-6901 or the Department of Physical Therapy at (312) 996-1501 or visit the college website.

Students planning to pursue a professional degree in Occupational Therapy or Physical Therapy should consult the Preprofessional Studies (p. 134) section of the catalog for information on recommended courses.

Degree Requirements

To earn a College of Applied Health Sciences degree from UIC, students need to complete university, college, and department degree requirements. University and college degree requirements for all College of Applied Health Sciences students are outlined below. Students should consult the major department section for additional degree requirements.

Changes to the graduation requirements may be announced in an online format. If requirements change, continuing students in AHS and those whose attendance at UIC has been interrupted for no more than two years, may continue to meet those requirements in effect at the time of their initial registration or may choose to complete the revised requirements. Students who return to UIC after an absence of more than two years are responsible for meeting the requirements of the university and college as well as the major or curriculum in effect at the time of the student's reenrollment. For all students, however, if courses originally required are no longer offered or if external accrediting or certifying agencies modify their requirements, the college or department will specify course substitutes.

Semester Hour Requirement

The College of Applied Health Sciences semester hour requirement varies by degree program.

Major	School	Degree Conferred	Total Hours
Disability and Human Development	Disability and Human Development	BS in Disability and Human Development	120
Health Information Management	Biomedical and Health Information Sciences	BS in Health Information Management	123
Kinesiology	Kinesiology and Nutrition	BS in Kinesiology	120
Nutrition—Nutrition Science	Kinesiology and Nutrition	BS in Nutrition	120
Health and Rehabilitation Sciences	Program in Health and Rehabilitation Sciences	BS in Health and Rehabilitation Sciences	120

Course Requirements

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. Students are required to complete a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog. Information on meeting the General Education requirements for each degree program is provided in the College of Applied Health Sciences department sections.

General Education Proficiencies— University Writing Requirement

Applied Health Sciences students meet the requirement by achieving a passing grade in ENGL 160 and ENGL 161.

First-Year Seminar

All first-year students enrolled in the College of Applied Health Sciences are required to participate in a first-year seminar course. First-year seminar courses include AHS 100, AHS 101, DHD 100, HIM 101, HN 100, and KN 100.

Other Requirements

Course Level Requirement

At least 9 hours of the elective coursework taken by students in the Kinesiology curriculum must be taken at the 300 or 400 level. Nutrition and Health Information Management students follow a prescribed curriculum.

First Year Seminar Requirement

All first year students enrolled in the College of Applied Health Sciences must complete a first year seminar course (AHS 100, AHS 101, DHD 100, HIM 101, HN 100, and KN 100) as directed by their program. Students enrolled in the AHS Undeclared curriculum are required to enroll in AHS 100 during their first semester

of enrollment. Exceptions to this requirement must be approved by the student's academic department of enrollment.

General Education Proficiencies—University Writing Requirement

A minimum grade of C in ENGL 160 and ENGL 161 is a required degree requirement for the Nutrition and Health Information Management programs. Transfer students who have taken the equivalent of ENGL 160 and/or ENGL 161 at other institutions may only receive graduation credit for these courses if they earned minimum grades of C. A passing grade in ENGL 160 and ENGL 161 is acceptable for all other undergraduate programs in the College of Applied Health Sciences.

Enrollment Residence Requirement

Candidates for a bachelor's degree from the College of Applied Health Sciences must earn the last 30 semester hours of credit in enrollment residence uninterrupted by any work at another institution. Concurrent attendance at the University of Illinois Chicago and another collegiate institution or enrollment during the summer at another institution, when approved by the student's college, does not interrupt the UIC enrollment residence requirement for graduation. Any exceptions to the enrollment residence requirement must be approved by the college through the petition process. A student must complete at least one-half of the coursework required for their major field, excluding collateral course requirements, in enrollment residence at the University of Illinois Chicago. The major coursework completed in enrollment residence must include 12 hours at the advanced level. Students enrolled in the professional Health Information Management program must complete all of their professional coursework at the University of Illinois Chicago. Upon successful completion of a proficiency examination, exceptions may be made to the major requirement for students in the Health Information program who are currently Registered Health Information Technicians (RHIT).

Work taken at the Springfield and Urbana-Champaign campuses of the University of Illinois does not satisfy enrollment residence requirements. Credit earned through proficiency examinations including the College Level Examination Program (CLEP), UIC extension courses, and Urbana-Champaign distance-learning courses does not apply toward the minimum 30-semester-hour enrollment residence requirement. Study abroad and distance-learning courses that have been approved by the student's major department and by the college are not considered an interruption of enrollment residence for students.

Full-Time Enrollment

The Disability and Human Development, Kinesiology, Nutrition Science, and Health and Rehabilitation Sciences programs can all be completed on a part-time basis. The Health Information Management program is available on a full- or part-time basis. The campus-based program is a day program with classes from morning to early afternoon. An online program is also available in Health Information Management. Enrollment is limited. Although health information technology course credits do not count toward the required 60 semester or 90 quarter hours of prerequisites, an RHIT can attempt to competency test out of the specific courses during the junior year.

Grade Point Average (GPA) Requirement

Certain academic programs may require a minimum grade of C in selected, specific courses or a higher overall GPA. Students are informed of such requirements in writing at the beginning of the first term they are registered in the college (through program handbooks). All candidates for a degree must have a GPA of at least 2.00/4.00 for all UIC credits counted for graduation requirements and at least 2.00 for the combined transfer and UIC credits counted for graduation requirements. A minimum GPA of 2.00/4.00 for all courses in the major field is also required. Some academic programs within the college require a higher GPA for graduation. Refer to the student handbook for each program's specific requirements.

Graduation Declaration/Filing to Graduate

Students declare their intent to graduate online using the my.UIC portal. The deadline for submission of the application for graduation is the end of the third week (fall and spring) or second week (Summer Session 2) of the term in which graduation is sought. Failure to submit the request at this time may delay the awarding of the degree. A final review will be made following the close of the term. If a student has satisfactorily completed all the degree requirements, the student's name will be placed on the official degree list.

Students in the Department of Kinesiology and Nutrition must also declare their intent to graduate with their academic advisor at least one term prior to their intended graduation date.

Transfer Credit

When transferring credit from a community college, a student must also earn at least 60 hours from UIC or another approved four-year college or university. Students are obligated to report all work from other institutions once enrolled at UIC.

Transfer Credit for Continuing Students

Continuing students who would like to take a course at another institution must petition their academic department for approval prior to enrolling in the course. In some cases, transfer credit will not be applied toward a student's degree if a student fails to obtain prior approval.

College Policies

The following statements define general academic policies of the College of Applied Health Sciences, and include the procedures involving determination of academic notice and failure and channels for appeal of adverse decisions. Students should refer to their program handbooks for specific information.

Academic Load

Course Credit Overload

Students registered for 12 or more hours during the fall or spring terms or for 6 hours or more in the summer term are considered full time. Students must request permission from the college to exceed 18 hours of enrolled coursework. Students must first meet with their primary academic advisor in the college to submit a request for course credit overload. The course overload request form can be found on the forms section of the AHS website. Requests must be submitted by the end of the first week of the term in which a student is requesting the course overload.

The following factors will be considered when reviewing override requests:

1. Good academic standing.
2. UIC cumulative GPA of 3.00 or above.
3. Completion of one semester at UIC.

4. Successful completion of a full-time course load within the past two semesters at UIC.
5. Graduation within the next two semester.

Students on term notice, academic notice, or in their first semester of enrollment will not be considered for course credit overload.

Academic Performance

It is required that students of the college achieve a minimum level of academic performance, which is assessed periodically during the prescribed course of study. Academic programs may require a minimum grade of C in selected, specific courses or a higher overall GPA. A student who receives a grade below C in any these required academic course may be dismissed from the program, even if not on academic notice. Refer to the specific program student handbook. Students must complete all required courses with a grade of C or better prior to progression to clinical instruction and practice. Courses with clinical components must be completed with a satisfactory grade.

Academic Notice and Dismissal Rules

The following are minimum undergraduate academic notice, term notice, and dismissal criteria that apply to both full-time and part-time students who fall below the minimum requirements necessary for good academic standing. Some programs in the College of Applied Health Sciences may have higher standards as described in their individual program handbooks.

Term Notice Rules

A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average as long as the UIC grade point average remains equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning.

A student on term notice who earns a UIC GPA of at least 2.00/4.00 at the end of any term in which they are on term notice will be removed from term notice.

Academic Notice Rules

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a UIC GPA less than a 2.00/4.00. This rule applies even for students with a cumulative GPA of 2.00/4.00 grade point average or higher. Academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with a cumulative GPA lower than 2.00/4.00.
3. A student readmitted by petition may be placed on academic notice when admitted with a UIC GPA lower than 2.00/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions is lower than 2.00/4.00.

A student on academic notice who earns a GPA of at least 2.00/4.00 in a given term may be removed from academic notice, provided the student's UIC GPA in all work taken at UIC is at least 2.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC course work must also be at least a 2.00/4.00.

A student currently on academic notice will be continued on academic notice when the one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the student's transfer credit and UIC course work to at least 2.00/4.00.

A change in academic standing at UIC cannot be removed by coursework from other colleges or universities, including programs of the Springfield and Urbana-Champaign campuses.

The dean of the student's college determines the conditions of academic notice. In addition to specifying the GPA, the dean may require the completion of specific courses, may limit the number of hours for which the student registers, and a may exclude the student from taking certain courses while on academic notice.

a *The academic standing guidelines described above apply to the Disability and Human Development, Kinesiology, Nutrition Science, and Health and Rehabilitation Sciences. Health Information Management students must meet the academic standing conditions described in their Student Handbook.*

Dismissal Rules

1. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the grade point average required by the academic notice and in which the cumulative GPA in courses taken at UIC is less than 2.00/4.00.
2. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the GPA required by the academic notice and in which the combined transfer and UIC grade point average is less than 2.00/4.00.
3. A student who fails to make progress toward a degree may be dismissed. Examples include failure to complete required courses, accumulation of an excessive number of Incomplete grades, failure to earn credit in any semester, failure to maintain a C average in the major discipline.
4. Inadequate achievement and maintenance of professional performance, including performance during instruction in clinical sequences, personal deportment, and character deemed inconsistent with ethical standards of behavior for members of the health professions.
5. Failure to maintain professional program standards as outlined in the specific program student handbook.
6. In addition to the term notice, academic notice, and dismissal rules above, a college or a school may impose criteria for dismissing a student from a curriculum or college without prior academic standing of term notice or academic notice, may impose other terms of term notice or academic notice, and may specify a minimum lapse of time between a dismissal action and consideration of a petition for readmission. The dismissal rules may be waived when, in the judgment of the student's college, the student's overall record warrants such action.

a *In other university publications Dismissal Rules are sometimes referred to as Drop Rules. Term Notice and Academic Notice may be referred to as Probation.*

Change of Course Schedule—Dropping Courses

Undergraduate students may drop courses using the my.UIC portal through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript. Undergraduate students may drop a maximum of four UIC individual courses that result in a W notation on their transcript their entire undergraduate degree program. Students will only be considered for a course drop after the late drop deadline only if significant extenuating circumstances exist. A petition must be submitted to be considered for a course drop after the deadlines.

College of Applied Health Sciences students should contact their advisor for assistance with registration changes. Individual appointments can be scheduled with advisors through the iAdvise system. For additional assistance, students can also contact the AHS Office of Student Affairs at 312-996-2079 or ahsinfo@uic.edu. Since W grades will impact a student's completion ratio for financial aid, it is recommended that they consult their financial aid counselor to determine the financial implications of dropping a class.

Change of Major

In order for a student to be admitted to professional programs in the college, a student must complete supplemental application materials available in the individual departments prior to the specified deadline dates. Students are only admitted into the campus-based Health Information Management program in the fall term. Students are admitted to the Disability and Human Development, online Health Information Management, Kinesiology, Nutrition Science, and Health and Rehabilitation Sciences programs in the fall and spring terms. Students who would like to change their major should consult with the academic advisor in their program of interest and complete the intercollege transfer process.

Class Attendance

It is expected that students will attend all lectures and laboratory sessions. Prompt and regular attendance is required for all scheduled activities. Each instructor may establish their own attendance policy, including penalties for nonattendance. Failure to attend class does not result in automatic withdrawal from the course. The student is responsible for notifying the academic program and clinic each day that he or she will be absent from class or clinic, prior to the absence when possible.

Unexcused absences may be reflected in the course grade in a manner determined by the course instructors and in accordance with the policies of the university. Students with unexcused absences may be asked to leave the program. Students should consult their program handbooks for additional information.

Course Prerequisites

Students must complete all prerequisite coursework prior to beginning their professional programs in Health Information Management and Nutrition. In exceptional cases, a department may waive prerequisite coursework for a student. In some cases, a proficiency examination will be given. All prerequisites must be completed prior to enrolling in a course for which the prerequisite is required. Students who enroll in a course without the appropriate prerequisite(s) will be dropped from the course.

Credit/No Credit Option

The credit/no credit option is available for students to complete a course with a grade of credit (CR) or no credit (NC) instead of a letter grade. Grades for credit/no credit carry credit toward the degree but are not used in the computation of the grade point average. Instructors are not informed that a student has elected this option; the final grade of F is converted to NC, and grades of A, B, C, and D are converted to CR.

The following eligibility criteria apply for students electing the credit/no credit option:

1. Only students in good standing may elect to take a course under the credit/no credit option.
2. A student may request only one course per term as credit/no credit.
3. Only elective courses may be taken on a credit/no credit basis; courses being used to meet any graduation course requirements must be taken for letter grades.
4. The following describes the restrictions that apply to all students, regardless of major or curriculum:
    a. Students may not take ENGL 160 or ENGL 161 as credit/no credit.
    b. Students may not take any course used to satisfy the General Education Core requirements as credit/no credit. Until students have completed the minimum requirement in each General Education Core category, courses from these areas may not be taken as credit/no credit.
    c. Students may not take any course being used to satisfy the requirements of the major, minor, or the required prerequisite and collateral courses of the major as credit/no credit.
    d. Students in health sciences curricula or interested in applying to health professional programs are advised not to complete required science courses under the credit/no credit option.
5. A student may earn no more than 21 semester hours of credit at UIC under the credit/no credit option.

Students must apply at their college office or through their major academic advisor no later than the tenth day of the term (first Wednesday of Summer Session I or first Friday of Summer Session 2) to have a course designated for credit/no credit grading option. Grades of CR and NC are final and cannot be reconverted to letter grades, except under extenuating circumstances. Students with questions concerning their eligibility should make an appointment with their assigned academic advisor.

Declaring a Major

Admission to the Disability and Human Development, Health Information Management, Kinesiology, Nutrition, and Health and Rehabilitation Sciences programs provides automatic declaration of a major. For students who apply as Applied Health Sciences Undeclared, it is expected that they apply as an intercollege transfer to their major of interest by the end of their first year of enrollment. Advisors in the Applied Health Sciences Office of Student Affairs can assist students with the major declaration process.

Double Major, Double Degrees, and Second Bachelor's Degree

Double Major

This option is not available in the College of Applied Health Sciences. Students interested in completing multiple degrees in the college should follow the instructions under the Double Degrees section below.

Double Degrees

Double degrees consist of two bachelor's degrees completed concurrently. Students seeking two bachelor's degrees concurrently must formally request acceptance into the second degree program. Students must complete a minimum of 30 semester hours beyond those required for the first degree and all requirements for each of the degree programs as specified by the college and major department. All students interested in double degrees should discuss this option with an advisor.

Double degrees are not permitted when there is substantial course overlap between the first and second degrees.

Students who plan to earn two degrees concurrently in separate colleges must choose a primary college (the college of record), enroll at the university through that college, and then follow one of the relevant procedures below.

1. For the Disability and Human Development, Kinesiology, Nutrition, and Health and Rehabilitation Sciences programs, students should obtain written acceptance into the program by submitting the Double Degrees request, which can be found online on the College of Applied Health Science website. Students must meet the same prerequisite requirements as other intercollege transfer students before being accepted for a double degree.
2. For the Health Information Management program, students should apply to and be admitted to the program following the same procedures as other applicants. Progression to the upper-level professional coursework requires completion of specific pre-HIM prerequisite courses. Students should consult the department or review the Health Information Managment catalog page (p. 117) for additional details regarding these requirements.

AHS students who want to complete a second degree in another college should consult that college to determine the options available and applicable rules. AHS students who want to complete a second degree in AHS should follow one of the procedures listed above.

Students who obtain double degrees receive a diploma for each degree. No more than two bachelor's degrees may be awarded concurrently.

Second Bachelor's Degree

Students who have already earned a bachelor's degree at UIC or another institution are required to follow the same application procedures as all other applicants in order to pursue a second bachelor's degree. Students must complete all requirements for the second degree as specified by the college and the major department, including a minimum of 30 semester hours beyond those required for the first degree. The UIC enrollment residence requirement must also be met, i.e., the last 30 semester hours for the second degree must be taken at UIC. A second bachelor's degree is not permitted when there is substantial course overlap between the first and second degrees.

Graduate-Level Courses for Undergraduate Credit

With department approval, an undergraduate student may enroll in a graduate-level course (500-level) for undergraduate credit. Students should obtain approval from their academic department and the instructor prior to enrollment. Graduate-level courses taken by an undergraduate student are generally not applicable toward a graduate degree.

Independent Study

Undergraduates are encouraged to participate in research programs. Students must consult with the faculty member offering the independent study prior to registering for the section. A student can register for a range of hours depending on the Independent Study. Students in the Kinesiology program who would like to participate in the Senior Research Seminar and Project must meet minimum requirements to be eligible to participate and should consult their program before enrolling. Students are required to register for two semesters of research seminar to participate.

Petition Procedure

Students may file a written petition with their individual department to request an exception to college policies. The department will make a recommendation to the college for granting or denying the request. Petitions are generally only approved for exceptional cases. The general petition form is available on the AHS website. Students can contact the AHS Office of Student Affairs at ahsinfo@uic.edu or 312-996-2079 with questions about the petition process.

Proficiency Examinations

The Kinesiology and Health Information Management (HIM) programs offer proficiency examinations for some of their courses. Students interested in proficiency examinations should contact the respective department.

Progression to Clinical Fieldwork

Students must complete required coursework prior to assignment to clinical/fieldwork experience. They must show readiness for the experience by having achieved performance levels that are related to the clinical fieldwork and are consistent with safety and technical standards defined in specific program objectives. Students who do not meet minimum performance standards may be asked to complete a remediation experience. Failure to demonstrate minimum clinical competencies could result in dismissal from the program.

Prompt and regular attendance is required for all clinical fieldwork experiences. All time lost must be made up. The affiliation clinical supervisor and the faculty member must be notified when a student cannot attend.

The broad range of learning experiences required to prepare for careers in the applied health sciences involves some work in various community settings and healthcare facilities. Some of the assignments for these learning experiences are in the Chicago metropolitan area; others are outside the Chicago area. Students should plan for additional living expenses and transportation for assignments outside the Chicago area. Every effort is made to make the assignments equitable, to meet individual student requests, and to provide appropriate instructions for safe conduct. With the limited resources available and the number of students to be accommodated among all the professions represented, it is not always possible to offer alternate choices.

Registration Approval

Students in their first year of enrollment at UIC or those on academic notice must meet with an academic advisor prior to registering for the next term. Students in professional programs must complete their courses in the sequence prescribed by their academic department. Failure to complete the appropriate coursework in a given term could result in dismissal from the program.

Repeat Policy for Standard Graded Courses

Students may repeat a course to increase their knowledge of the subject matter. There are circumstances under which repeating a course is advisable and to a student's advantage. There are also circumstances where repeating a course may disadvantage a student and narrow a student's options. The College of Applied Health Sciences requires students to discuss any plan to repeat a course with their academic advisor before they register to repeat the course.

Courses with A or B grades may not be repeated. Normally, courses with a C grade may not be repeated unless required by an academic program. Courses with D or F grades may be repeated once without written permission. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. The original grade and the grade for each repeat will be calculated into the grade point average. Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once requires written permission from the student's college dean. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Student Health

Students enrolled in the College of Applied Health Sciences participate in a rigorous course of academic and clinical instruction. The students' successful participation in the instructional programs requires maintenance of a level of physical and mental well-being sufficient to achieve course objectives. Should the faculty of a given program find that a student's mental or physical well-being is a contributing factor to substandard achievement, they are obligated to counsel the student to seek help from the Health Service, Counseling Services, or private services. The faculty shall refer the case to the dean if the student resists such counseling. The dean shall determine the course of further action. Recommendations resulting from the Health Service or Counseling Services evaluation of the student's health and well-being may be considered in overall assessment of a student's capacity to participate in the instructional program. The student may accept the faculty's assessment, or appeal to the dean, who will determine the course of further action.

Transferring

Intercollege Transfer Students

UIC students from other colleges may apply to College of Applied Health Sciences programs. Students who would like to transfer to the Disability and Human Development, Kinesiology, or Health and Rehabilitation Sciences programs should submit the Change of College/Major form found on the AHS website to initiate the intercollege transfer request. Each program has specific deadlines for applying as an intercollege transfer. Refer to the AHS website for specific deadlines. Final approval of intercollege transfers is contingent upon good academic standing and minimum GPA requirements.

All other AHS programs require a program-specific application form and admission is competitive and offered only in the fall term. These forms are available from the individual departments and online under each program's admissions page. Intercollege transfer students should consult the college and academic department sections of the catalog for admission requirements.

Transfer Students from Other Colleges and Universities

Interested transfer students should consult the admissions, college, and department sections of the catalog for admission requirements.

Selection of All Applicants

All applicants who meet the admission requirements and have completed applicant files are considered for admission. Application files are used to determine the position of each applicant in a selection system based on both academic and nonacademic criteria.

The Admissions Committee may waive specific course prerequisites for applicants who can demonstrate that they already possess appropriate knowledge or skills that would be gained through taking the required courses. The Admissions Committee reserves the right to waive other specific nonessential requirements when indicated by unusual circumstances.

Transferring Out of the College

Students who would like to transfer out of the College of Applied Health Sciences should schedule an exit interview with their academic advisor. Students should then meet with an academic advisor in their new college to request a change of curriculum.

Minors

The College of Applied Health Sciences offers minors in Disability Inclusion, Food Science, Health Information Management, Kinesiology, Life Science Visualization, and Nutrition. The minors are open to majors from other departments and colleges. Refer to the list of eligibility requirements in the departments sections of the catalog. Requests to complete the minors can be submitted online through the AHS website.

Minor	Department	Hours
Disability Inclusion	Disability and Human Development	12[a]
Food Science	Kinesiology and Nutrition	16-18[a]
Health Information Management	Biomedical and Health Information Sciences	16
Inclusive Communication and Disability	Disability and Human Development	19[a]
Kinesiology	Kinesiology and Nutrition	19[a]
Life Science Visualization	Biomedical and Health Information Sciences	16–17[a]
Nutrition	Kinesiology and Nutrition	13[a]

a *One-half of the hours required for the minor must be completed in enrollment residence at UIC.*

Academic Advising

Academic advising is provided at the department level. Students should contact their unit's program coordinator or academic advisor for more information on advising.

Advising Policy

All Applied Health Sciences students are expected to meet with their academic advisor once each term, or as specified in their program handbook. Students on academic notice are required to meet with their academic advisor prior to registering for the next term. Students interested in applying to professional programs in the College of Applied Health Sciences are encouraged to schedule an advising appointment at least one year prior to their expected admission date. Monthly advising sessions are offered for most professional programs in the college. Some programs assign a faculty advisor during the year of matriculation. Students should contact their individual departments or the Office of Student Affairs for further details.

Academic Honors

College Honors

The college recognizes and conforms with the campus-wide honors program. University Honors are awarded to graduating students whose UIC grade point average falls within the following honors categories:

- **Summa cum laude:** 3.90 and above
- **Magna cum laude***:* 3.75 to 3.89
- **Cum laude:** 3.50 to 3.74

The college will reserve the right to make permanent adjustments to the list of students receiving Latin Honors based on final semester grade point average.

Dean's List

Each semester the Dean's List honors the academic excellence of students enrolled in the college's undergraduate programs. Students must be full time and earn at least 12 semester hours of letter grades in his or her respective department to be eligible. Students must also earn a semester grade point average of 3.50/4.00 or higher.

Student Organizations

Applied Health Sciences students have a variety of student organizations available to them, ranging from student government to professional societies and organizations to groups organized around a specific focus. Involvement in student organizations is encouraged as experiences gained can enhance learning and contribute to development of valuable leadership skills. All students, upon admission, become members of the Urban Allied Health Academy. Students can also serve on various college committees.

Abbreviated Listing:

AHS Student Council
Disabled Students Union
Diverse Student Organization
Health Professions Student Council
Kinesiology Club
Pre-Occupational Therapy Club
Pre-Physical Therapy Club
Rehabilitation Sciences Club
Student Nutrition Association

Department of Biomedical and Health Information Sciences

Contact Information:
Campus Location: 250 Applied Health Sciences Building (AHSB)
(312) 996-3530
bhis@uic.edu
www.bhis.uic.edu

Administration:
Department Head, Kal Pasupathy
Program Director, Health Information Management, Felecia Williams, MPA, RHIA
Academic Advisor: Contact the Program Director, Felecia Williams, MPA, RHIA

Program Codes:
20GF1304BS (Campus)
2PGF1304BSU (Online)

The mission of Biomedical and Health Information Sciences is to advance the quality and efficiency of healthcare through improved information management, communication, and the generation of new forms of biomedical and other healthcare data. The goals of the department are

leadership, innovation, initiative, and quality with strong focus on the unique arena of health informatics at the University of Illinois Chicago.

The department actively supports the central mission of the College of Applied Health Sciences by facilitating innovative educational and research programs, providing leadership within department disciplines to meet current industry challenges, and ensuring that graduates have a competitive edge in the increasingly demanding health informatics marketplace. The department strives to produce healthcare professionals who can effectively partner with and/or lead information technology professionals in the problem-solving activities of their organizations.

The Department of Biomedical and Health Information Sciences offers an undergraduate program leading to the Bachelor of Science in Health Information Management. More information is available on the department's website.

Accreditation

The Bachelor of Science in Health Information Management program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

BS in Health Information Management

The Health Information Management undergraduate degree program provides skilled instruction in the management and use of information and information systems for healthcare planning, provision, resource allocation, and executive decision making. The undergraduate program, established in 1965, maintains a reputation of excellence and consistently produces graduates who become leaders in the field.

Within the world of health information management, registered health information administrators (RHIAs) are responsible for the management of health information systems consistent with the medical, administrative, ethical, and legal requirements of the healthcare delivery system. RHIAs often have opportunities to develop information systems for quality patient care, facility reimbursement, medical research, health planning, and healthcare evaluation. Administrative duties of the RHIA encompass responsibility for personnel, capital equipment selection, systems design and analysis, hospital committee activities, and budget management. RHIAs also analyze data, develop presentations, provide health information to qualified users, and safeguard confidential patient data. The job forecast for RHIAs is positive, not only in hospitals but also in other healthcare settings, such as home health agencies, hospice programs, nursing homes, and ambulatory care facilities. Employment opportunities also exist in education, research, consulting, sales, insurance companies, and with state and national healthcare organizations.

The Health Information Management program is available on a full- or part-time basis, campus-based, or online. Admissions to the campus-based program are accepted for the fall semester only. Admissions to the online program are accepted for fall and spring semesters. Although health information technician course credits do not count toward general education, core requirements, or electives, students who are graduates of an associate degree program in health information technology accredited by the Commission on Health Informatics and Information Management Education (CAHIIM), who also hold current Registered Health Information Technician (RHIT) and/or coding certification may receive up to 28 hours of proficiency credit in required Health Information Management courses. Other students with a transcript of equivalent coursework may request the opportunity to demonstrate proficiency through exam.

Graduates receive a Bachelor of Science in Health Information Management degree and are eligible to register for the national RHIA credential examination offered by AHIMA.

Note: Due to the evolving nature of this profession, all courses in the major must be completed within three years of the first required HIM course. If the student goes beyond this time frame, due to leave of absence, single semester time off, repeating courses, or other reasons, the student may be required to demonstrate proficiency by exam or retake the course at an established minimum grade to continue in the program. A student may be dismissed from the program if the student demonstrates a pattern of poor academic progress and has failed to demonstrate competence at the established minimum level.

Admission Requirements

New first year applicants interested in pursuing the Bachelor of Science in Health Information Management are eligible to apply to the Health Information Management program through the Department of Biomedical and Health Information Science. Students must meet the general UIC entrance requirements. A high school curriculum that emphasizes math and the natural sciences (biology and anatomy and physiology), business, and computer technology gives the student the best chance for success in health information management.

Transfer Admission Requirements

Students seeking admission to the Bachelor of Science in Health Information Management program must meet these minimum requirements:

- Completion of application process.
- Good academic standing (cannot be on academic notice).
- 24 transferable semester hours or 36 transferable quarter hours at an accredited college/university.
- Cumulative grade point average of 2.50/4.00 for all transferable undergraduate courses.

See the Office of Admission Transfer Guide for more information about transfer admission requirements.

Degree Program

- BS in Health Information Management (p. 117)
- Joint BS in Health Information Management/MS in Health Informatics (p. 120)

Minor

- Minor in Health Information Management (p. 121)
- Minor in Life Science Visualization (p. 122)

BS in Health Information Management

Program Codes:
20GF1304BS (onsite), 2PGF1304BSU (online)

Degree Requirements

To earn a Bachelor of Science in Health Information Management degree from UIC, students need to complete university, college, and department degree requirements. The Department of Biomedical and Health Information Sciences degree requirements are outlined below. Students

should consult the College of Applied Health Sciences (p. 109) section for additional degree requirements and college academic policies. Students should visit the department's Bachelor of Science in Health Information Management page to learn about completing the program online.

Code	Title	Hours
Summary of Requirements		
General Education, Core Requirements, and Electives		59-60
Health Information Management Required Courses		63-64
Total Hours		**123**

Note: Students who do not place into certain courses or do not carefully plan sequential coursework should expect to take summer session courses or possibly take longer than two years to complete the pre-health information management coursework. Students should seek advising from the Health Information Management program for advice on course planning. Visit the department website for additional information and directions on becoming a health information management major.

The General Education Core Requirements and University Writing Requirements are required prerequisite courses for many of the Health Information Management Common Core courses and therefore should be completed within the first two years of the program.

Pre-Health Information Management Course Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 110	Biology of Cells and Organisms [a]	4
Additional Analyzing the Natural World course [b]		3-5
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
MATH 110	College Algebra	4
or MATH 105	Mathematical Reasoning	
PSCH 100	Introduction to Psychology [c]	4
PSCH 242	Introduction to Research in Psychology	4
or STAT 101	Introduction to Statistics	
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Understanding U.S. Society course [b]		3
IDS 200	Intro to Management Information Systems	4
Communications/Speech course		3
Electives—To complete the required total hours of General Education Core Requirement courses. [d]		7-11
Total Hours		**60**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *Students should consult the* General Education *(*p. 86*) section of the catalog for a list approved courses in this category.*

c *This course is approved for the Understanding the Individual and Society General Education category.*

d *KN 232 and KN 233 are recommended electives.*

Health Information Management Required Courses

Code	Title	Hours
Required Courses		
HIM 101	Health Information Management First Year Seminar (First year students only)	1
HIM 410	Introduction to the Health Care System	3
HIM 320	Technical Affiliation	2
HIM 322	Fundamentals of Health Record and Data Management	4
HIM 329	Legal Aspects of Health Information Management	3
HIM 432	Coding and Classification Systems	3
HIM 433	Coding and Reimbursement Systems	4
HIM 337	Analysis of Health Care Data	4
HIM 343	Quality Evaluation and Management	4
HIM 365	Human Resource Management and Leadership in Health Information	4
HIM 367	Systems Analysis	3
HIM 374	Health Information Research	4
HIM 378	Senior Seminar	1
HIM 384	Clinical Practicum	4
HIM 390	Health Information Management Capstone	2
HIM 481	Healthcare Financial Management	2
BHIS 405	Medical Sciences and Human Pathophysiology [a]	3
BHIS 406	Medical Terminology for Health Information Management	2
BHIS 410	Health Data Structures and Management	4
HIM 434	Healthcare Revenue Cycle Management	3
BHIS 460	Introduction to Health Informatics	1
BHIS 461	Information Systems for Health Information Management	3
Total Hours		**63-64**

a BHIS 405 *must be taken within the first 17 hours of matriculation, excluding prerequisite courses. The student will be denied further registration in the program until this course is successfully completed.*

Proficiency Credit for Graduates of Accredited Programs in Health Information Technology (or Equivalent Coursework)

The following listing is for graduates of accredited associate's degree programs in Health Information Technology or others with equivalent coursework. Graduates of an associate's degree program in Health Information Technology accredited by the Commission on Health Informatics and Information Management Education (CAHIIM), who also hold current Registered Health Information Technician (RHIT)

certification; or who provide a transcript of equivalent coursework and demonstrate proficiency by exam, may receive 17 hours of proficiency credit as follows:

Code	Title	Hours
Proficiency Credits		
HIM 322	Fundamentals of Health Record and Data Management	4
HIM 320	Technical Affiliation	2
HIM 329	Legal Aspects of Health Information Management	3
HIM 410	Introduction to the Health Care System	3
BHIS 405	Medical Sciences and Human Pathophysiology	3
BHIS 406	Medical Terminology for Health Information Management	2
Students with a current CPC, CCA, CCS, CCS-P coding or RHIT credential and demonstrate proficiency via an exam, may receive proficiency credit for the following 7 hours:		7
HIM 432	Coding and Classification Systems (3 hours)	
HIM 433	Coding and Reimbursement Systems (4 hours)	
The proficiency credit will be granted following completion of 16 hours (50%) of the HIM coursework taken at UIC with a grade of C or better.		
Total Hours		**17-24**

Code	Title	Hours
Required Courses after Proficiency Credits		
HIM 337	Analysis of Health Care Data	4
HIM 343	Quality Evaluation and Management	4
HIM 365	Human Resource Management and Leadership in Health Information	4
HIM 367	Systems Analysis	3
HIM 374	Health Information Research	4
HIM 378	Senior Seminar	1
HIM 384	Clinical Practicum	4
HIM 390	Health Information Management Capstone	2
HIM 434	Healthcare Revenue Cycle Management	3
BHIS 410	Health Data Structures and Management	4
BHIS 460	Introduction to Health Informatics	1
BHIS 461	Information Systems for Health Information Management	3
HIM 481	Healthcare Financial Management	2
PLUS, if not receiving proficiency credit:		
HIM 432	Coding and Classification Systems	3
HIM 433	Coding and Reimbursement Systems	4
Total Hours		**39-46**

Sample Course Schedule for Campus Program

Course	Title	Hours
Freshman Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
BIOS 110	Biology of Cells and Organisms [a]	4
HIM 101	Health Information Management First Year Seminar	1
Understanding the Past course [b]		3
Understanding the Creative Arts course		3
Communication/Speech Course		3
	Hours	**17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PSCH 100	Introduction to Psychology [d]	4
Analyzying the Natural World course [b]		3
Understanding U.S. Society course [b]		3
General Elective		3
	Hours	**16**
Sophomore Year		
Fall Semester		
KN 230	Anatomy and Physiology Lecture I	3
MATH 110 or MATH 105	College Algebra or Mathematical Reasoning	4
IDS 200	Intro to Management Information Systems	4
BHIS 406	Medical Terminology for Health Information Management	2
General Elective		3
	Hours	**16**
Spring Semester		
KN 231	Anatomy and Physiology Lecture II	3
PSCH 242 or STAT 101	Introduction to Research in Psychology or Introduction to Statistics	4
Exploring World Cultures course [b]		3
HIM 410	Introduction to the Health Care System (Session A Online)	3
General Elective		3
	Hours	**16**
Junior Year		
Fall Semester		
Fall Session A		
HIM 322	Fundamentals of Health Record and Data Management	4
Fall Session B		
BHIS 405	Medical Sciences and Human Pathophysiology	3
HIM 365	Human Resource Management and Leadership in Health Information	4
	Hours	**11**
Spring Semester		
Spring Session A		
HIM 432	Coding and Classification Systems	3
HIM 481	Healthcare Financial Management	2
BHIS 460	Introduction to Health Informatics	1
Spring Session B		
HIM 320	Technical Affiliation	2
HIM 329	Legal Aspects of Health Information Management	3
BHIS 461	Information Systems for Health Information Management	3
	Hours	**14**

Senior Year		
Fall Semester		
Fall Session A		
HIM 337	Analysis of Health Care Data	4
BHIS 410	Health Data Structures and Management	4
Fall Session B		
HIM 433	Coding and Reimbursement Systems	4
HIM 374	Health Information Research	4
Fall Session A and B		
HIM 390	Health Information Management Capstone (16-week course)	2
	Hours	**18**
Spring Semester		
Spring Session A		
HIM 343	Quality Evaluation and Management	4
HIM 367	Systems Analysis	3
HIM 434	Healthcare Revenue Cycle Management	3
Spring Session B		
HIM 384	Clinical Practicum	4
Spring Session A and B		
HIM 378	Senior Seminar (16-week course)	1
	Hours	**15**
	Total Hours	**123**

Joint BS in Health Information Management/MS in Health Informatics

The Joint Bachelor of Science in Health Information Management (BSHIM) and Master of Science in Health Informatics (MSHI) is designed for undergraduate students with outstanding academic performance who desire to pursue graduate studies in Health Informatics, and who wish to prepare themselves for advanced placement in the workplace. Students will earn the BSHIM when the student has completed at least 123 semester hours and fulfilled all baccalaureate degree requirements, and the MSHI will be awarded upon completion of the master's program requirements, with 9 hours of coursework shared between the two degrees. This will allow students to sit for the Registered Health Information Administrator exam and obtain their RHIA immediately upon completion of the BSHIM degree requirements.

Admission Requirements

Students may submit their intent to apply to the joint degree program when they begin HIM core courses. Campus and Online BSHIM students are eligible to obtain the joint degree. Students should meet with their HIM undergraduate advisor to plan their courses accordingly.

International students should check with the UIC Office of International Services to verify their eligibility for this program, prior to applying.

Campus students with tuition waivers should discuss their tuition options with their financial aid advisor prior to applying. As a full-cost recovery program discretionary waivers are not allowed for the MS in Health Informatics degree portion of the program. Students must apply through the Graduate College to the joint program in the second to last semester of their senior year, be reviewed by the HIM and HI program directors and accepted by the BHIS Academic Affairs admissions committee. To be eligible, students are required to have a minimum cumulative GPA of 3.40/4.00 upon application and throughout the remainder of their senior year. After completing their senior year, they must maintain a GPA of at least 3.00 in all graduate coursework.

Degree Requirements

The requirements for completion of the combined BSHIM/MSHI degree are nearly identical to the completion of these two separate degrees. The major difference is that 9 hours of shared coursework used for both degrees. Completion of 114 hours at the undergraduate level; plus 9 shared hours counting toward both the BSHIM and MSHI degrees; plus 29 hours of coursework at the graduate level will result in joint BSHIM/MSHI degrees.

Upon acceptance the student will register for two graduate-level courses in the MSHI program during their last semester in the BSHIM program. The Master of Health Informatics portion of this program is offered completely online.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
BIOS 110	Biology of Cells and Organisms	4
HIM 101	Health Information Management First Year Seminar (Term A) [a]	1
Understanding the Past course		3
Understanding the Creative Arts course		3
	Hours	**14**
Second Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PSCH 100	Introduction to Psychology	4
Analyzing the Natural World course		3
Understanding U.S. Society course		3
General Elective		3
	Hours	**16**
Sophomore Year		
First Semester		
MATH 110	College Algebra	4
KN 230	Anatomy and Physiology Lecture I	3
IDS 200	Intro to Management Information Systems	4
BHIS 406	Medical Terminology for Health Information Management (Term A)	2
General Elective		3
	Hours	**16**
Second Semester		
STAT 101	Introduction to Statistics	4
KN 231	Anatomy and Physiology Lecture II	3
Exploring World Cultures course		3
General Elective		3
	Hours	**13**
Junior Year		
First Semester		
HIM 410	Introduction to the Health Care System (Term A)	3
HIM 322	Fundamentals of Health Record and Data Management (Term A)	4
BHIS 405	Medical Sciences and Human Pathophysiology (Term B)	3
HIM 365	Human Resource Management and Leadership in Health Information (Term B)	4
	Hours	**14**

Second Semester		
BHIS 460	Introduction to Health Informatics (Term A)	1
HIM 432	Coding and Classification Systems (Term A)	3
HIM 481	Healthcare Financial Management (Term A)	2
BHIS 461	Information Systems for Health Information Management (Term B)	3
HIM 320	Technical Affiliation (Term B)	2
HIM 329	Legal Aspects of Health Information Management (Term B)	3
	Hours	**14**
Senior Year		
First Semester		
HIM 337	Analysis of Health Care Data (Term A)	4
BHIS 410	Health Data Structures and Management (Term A) [a]	4
HIM 374	Health Information Research (Term B)	4
HIM 390	Health Information Management Capstone (Term B)	2
HIM 433	Coding and Reimbursement Systems (Term B)	4
	Hours	**18**
Second Semester		
BHIS 520	Health Information Systems Analysis and Design (Term A) [a]	3
HIM 343	Quality Evaluation and Management (Term A)	4
HIM 434	Healthcare Revenue Cycle Management (Term A)	3
HIM 378	Senior Seminar (Term A/B)	1
HIM 384	Clinical Practicum (Term B)	4
BHIS 437	Health Care Data (Term B) [a]	3
	Hours	**18**
Summer Semester		
BHIS 499	Information Sources in Biomedical & Health Information Sciences	1
BHIS 515	Management of Health Care Communication Systems	3
BHIS 503	Communication Skills in Health Informatics	3
	Hours	**7**
Fifth Year		
First Semester		
BHIS 505	Ethics and Legal Issues in Health Informatics	3
BHIS 525	Social and Organizational Issues in Health Informatics	3
Electives		6
	Hours	**12**
Second Semester		
BHIS 593	Health Informatics Capstone Experience	1
BHIS 530	Topics in Health Informatics	3
Electives		6
	Hours	**10**
	Total Hours	**152**

a *Shared hours counting toward both the BSHIM and MSHI degrees.*

Minor in Health Information Management

The Minor in Health Information Management is open to all undergraduate students. Students will be admitted to the minor if they meet the following requirements:

- Minimum GPA of 2.50/4.00 at the time of application
- Completion HIM 410 with a grade of C or higher
- Submission of a request form online (due week 9 of the fall semester or spring semester prior to the start of the minor)

Students outside the College of Applied Health Sciences must also consult their home colleges about acceptability and applicability of HIM minor course credit toward their degree. Although open to students from any college at UIC, students seeking a minor will need to register for the courses needed through an HIM academic advisor in the College of Applied Health Sciences.

Requirements for the Minor

To obtain the 16-credit HIM minor, students must complete 7 semester hours of foundational courses (HIM 410 and HIM 322) and 9 hours within their topic of interest. The minor is flexible and allows students to create their own minor by selecting their elective topics based on what interests them and compliments their major.

Depending on the student's area of interest the minor may be completed in as little as three semesters. Due to course sequencing and the students acceptance into the minor, the minor cannot be completed in less than three semesters. All courses are taught asynchronously online in an eight#week format. Courses must be taken in the sequence provided by the HIM program advisor.

Code	Title	Hours
Prerequisite Course		
HIM 410	Introduction to the Health Care System	3
Required Course		
HIM 322	Fundamentals of Health Record and Data Management	4
Selective Courses		
Select 9 hours from the following courses:		9
HIM 329	Legal Aspects of Health Information Management	
HIM 337	Analysis of Health Care Data	
HIM 343	Quality Evaluation and Management	
HIM 365	Human Resource Management and Leadership in Health Information	
HIM 374	Health Information Research	
HIM 432	Coding and Classification Systems	
HIM 481	Healthcare Financial Management	
BHIS 405	Medical Sciences and Human Pathophysiology	
BHIS 406	Medical Terminology for Health Information Management	
BHIS 410	Health Data Structures and Management	
BHIS 460	Introduction to Health Informatics	
BHIS 461	Information Systems for Health Information Management	
Total Hours		**16**

Enrollment Residence Requirement in the Minor

A student must complete all coursework required for the minor field during their enrollment residence at the University of Illinois Chicago.

Note: Completion of the Minor in Health Information Management does not meet eligibility requirements for the R.H.I.A. (Registered Health

Information Administrator) certification examination offered by the American Health Information Management Association.

Minor in Life Science Visualization

The Minor in Life Science Visualization is designed for students in many disciplines who wish to enhance their understanding of visual thinking, education, and communication in the life sciences. The minor is open to students from any college or major with a sophomore standing.

Requirements for the Minor

Students who wish to earn the minor must notify the Associate Program Director for Undergraduate Education - Life Science Visualization. Basic drawing competency must be demonstrated through a portfolio review. No college-level drawing course is required, but ART 112 is recommended. A minimum cumulative GPA of 2.50/4.00 is required, and a minimum cumulative GPA of 2.50/4.00 in Life Science Visualization courses must be maintained to successfully complete the program. Students must complete 16-17 semester hours for the minor.

Code	Title	Hours
Prerequisite Courses		
Students must earn a grade of B or higher in the following prerequisite course:		
BIOS 110	Biology of Cells and Organisms	4

Code	Title	Hours
Required Courses		
BVIS 250	Life Science Visualization Techniques I [a]	3
BVIS 251	Life Science Visualization Techniques II [b]	3
Complete at least one of the following:		4-5
KN 230 & KN 232	Anatomy and Physiology Lecture I and Anatomy and Physiology Laboratory I [c]	
BIOS 272	Comparative Vertebrate Anatomy [d]	
Complete at least one of the following:		3
BVIS 260	Biological Illustration Techniques	
BVIS 270	Anatomical Figure Drawing	
Complete at least one of the following:		3
BVIS 320	Life Science Animation, Storytelling and Storyboarding [b]	
BVIS 325	Digital Sculpting for Life Science Illustration [b]	
BVIS 330	Serious Games for Life Science Education [b]	
BVIS 335	Visual Strategies for Health and Life Science Communication [b]	
Total Hours		**16-17**

a *Requires BIOS 110, BIOS 120, or BIOS 104 as a prerequisite.*
b *Requires BVIS 250 as a prerequisite.*
c *Requires BIOS 110 as a prerequisite.*
d *Requires both BIOS 110 and BIOS 120 as a prerequisite.*

Department of Disability and Human Development

Contact Information:
Campus Location: 236 Disability, Health, and Social Policy Building (DHSP)
1640 West Roosevelt Road, Chicago, IL 60608
(312) 413-1647
DHDOSA@uic.edu

Administration:
Director of Undergraduate Studies, Robert Gould, PhD
Associate Director of Undergraduate Studies, Sarah Parker Harris, PhD
Academic Advisor, Oscar Gonzalez

BS in Disability and Human Development

The Bachelor of Science in Disability and Human Development uniquely explores disability as a complex biological, social, cultural, political, historical, and economic experience. This approach to disability, in itself, constitutes a unique curriculum that asks students to see disability as a contextual and changing phenomena. Further, the Department of Disability and Human Development mobilizes its relationships with community partners and disability organizations as well as its leadership within the fields of disability and human development and disability studies to provide students with a broad, interdisciplinary degree that blends theory, research, and practice.

Minor in Disability Inclusion

Disability under the framework of Disability Studies (DS) is explored and understood through a social model that is based on history and culture. Under this formulation, disability is not inherent in the disabled person, but a result of sociocultural dynamics that occur in interactions between society, the environment (buildings as well as attitudes) and people with disabilities. Therefore, Disability Studies' subject matter is not simply human differences – but the meaning we in society have made of those differences historically, by constructing disability as inferior and a "lack" based on particular cultural norms. Part of this transformative approach to studying disability involves the education of academicians, researchers, policy experts, and clinicians who will join with disabled people as active challengers of oppressive institutions and environments. Students from any discipline can engage in disability studies. Because the program has faculty, researchers, and students with backgrounds in health, education, assistive technology, the social sciences, and the humanities, the Minor in Disability Inclusion offers a unique opportunity to study the full complexity of disability in a rich interdisciplinary manner.

Degree Program

- BS in Disability and Human Development (p. 123)

Minor

- Minor in Disability Inclusion (p. 124)

Campus Certificate

- Campus Certificate in Co-Operative Career Experience (p. 125)

BS in Disability and Human Development

Program Codes:
20GF1165BS

Degree Requirements

To earn a Bachelor of Science in Disability and Human Development degree from UIC, students need to complete university, college, and department degree requirements. The Department of Disability and Human Development degree requirements are outlined below. Students should consult the College of Applied Health Sciences (p. 109) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
University Writing Requirement		6
General Education Requirements		18
Major Requirements (Core and DHD Electives)		47
Electives to reach Minimum Total Hours		49
Total Hours		**120**

University Writing Requirement

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Total Hours		**6**

General Education Requirements

Code	Title	Hours
Required Courses [a]		
Analyzing the Natural World course		3-5
Understanding the Individual and Society course		3-4
Understanding the Past course		3
Exploring World Cultures course		3
Additional General Education courses from any category [b]		3-6
Total Hours		**18**

a *The University General Education requirement is 24 hours distributed across six categories. The Understanding U.S. Society and Understanding the Creative Arts requirements are met by required courses within the major (DHD 101 and DHD 102).*

b *Students take additional General Education courses from any of the six General Education categories to reach the required 24 hours of General Education coursework.*

Major Requirements (Core and DHD Elective)

Code	Title	Hours
Core Courses		
DHD 100	Disability and Human Development Seminar	1
DHD 101	Disability in U.S. Society [a]	3
DHD 102	Disability in Media [b]	3
DHD 201	Disability, Rights, and Culture	3
DHD 202	Disability, Health, and Society	3
DHD 301	Disability, Research, and Interdisciplinary Methods	3
DHD 302	Disability, Policy, and Law	3
DHD 303	Disability Activism: From the Local to the Global	3
DHD 305	Disability, Arts, and Culture	3
DHD 353	Introduction to Inclusive Disability Practice	3
DHD 451	Disability Communities, Careers, and Professionalism	3
DHD 453	Practicum in Interdisciplinary Disability Inclusion	3
DHD 454	Senior Capstone in Disability Inclusion	1
DHD Elective Courses		
Select four of the following:		12
DHD 108	Introduction to ASL I	
DHD 109	Introduction to ASL II	
DHD 113	Inclusive Communication	
DHD 203	Disability in World Cultures	
DHD 204	Disability in the Humanities	
DHD 205	Disability, Race, Class and Gender	
DHD 206	Disability, Inclusive Cities, and Environmental Accessibility	
DHD 207	Introduction to Deaf Culture	
DHD 208	Intermediate ASL	
DHD 213	Disability, Anatomy, and Physiology of Speech and Hearing	
DHD 214	Audiological Concepts for Disability and Inclusive Communication	
DHD 313	The Science of Speaking Disability and Phoenetics	
DHD 314	Acoustics for Speech and Hearing in Diverse Populations	
DHD 393	Independent Research	
DHD 403	Disability in Latino Communities	
DHD 404	Disability, Sexuality, and Health	
DHD 411	Disability Policy, Technology, and Practice	
DHD 412	Disability Representation, Culture, and Practice	
DHD 420	Mental Health, Asian Americans, and Community Engagement	
DHD 440	Introduction to Assistive Technology: Principles and Practice	
DHD 442	Disability, Communication, and Social Participation	
DHD 443	Empowering Communication and Disability Inclusive Practices	
DHD 494	Special Topics in Disability and Human Development	
Total Hours		**47**

a *Satisfies the Understanding U.S. Society General Education requirement.*
b *Satisfies the Understanding the Creative Arts General Education requirement.*

Electives to reach Minimum Total Hours

Code	Title	Hours
Courses		
Electives to reach minimum total hours		49
Total Hours		**49**

Sample Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
DHD 100	Disability and Human Development Seminar	1
DHD 101	Disability in U.S. Society [a]	3
DHD 102	Disability in Media [b]	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
General Education course (Analyzing the Natural World)		3
Elective		3
	Hours	**16**
Spring Semester		
DHD 201	Disability, Rights, and Culture	3
DHD 202	Disability, Health, and Society	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
General Education course (Understanding the Past)		3
Elective		3
	Hours	**15**
Second Year		
Fall Semester		
DHD 305	Disability, Arts, and Culture	3
General Education course (Exploring World Cultures)		3
DHD Elective		3
Electives		6
	Hours	**15**
Spring Semester		
DHD 302	Disability, Policy, and Law	3
General Education course (Understanding the Individual and Society)		3
DHD Elective		3
Electives		6
	Hours	**15**
Third Year		
Fall Semester		
DHD 301	Disability, Research, and Interdisciplinary Methods	3
DHD Elective		3
Additional General Education Course		3
Electives		6
	Hours	**15**
Spring Semester		
DHD 303	Disability Activism: From the Local to the Global	3
DHD 353	Introduction to Disability Inclusive Practice	3
DHD Elective		3
Additional General Education Course		3
Elective		3
	Hours	**15**
Fourth Year		
Fall Semester		
DHD 451	Disability Communities, Careers, and Professionalism	3
Electives		12
	Hours	**15**
Spring Semester		
DHD 453	Practicum in Interdisciplinary Disability Inclusion	1
DHD 454	Senior Capstone in Disability Inclusion	3
Electives		10
	Hours	**14**
	Total Hours	**120**

a *Satisfies the Understanding U.S. Society General Education requirement.*
b *Satisfies the Understanding the Creative Arts General Education requirement.*

Minor in Disability Inclusion

The Minor in Disability Inclusion is open to majors in the College of Applied Health Sciences and from other units and colleges. Students will be allowed to complete the minor area of study in Disability Inclusion if they meet the transfer-eligibility criteria at the time of application (minimum GPA of 2.50/4.00). Students must submit a request form online. A minimum cumulative GPA of 2.50/4.00 is required for the minor field.

Requirements for the Minor

Students must complete a total of 12 semester hours consisting of the following courses:

Code	Title	Hours
Required Courses		
DHD 101	Disability in U.S. Society [a]	3
DHD 411	Disability Policy, Technology, and Practice	3
or DHD 412	Disability Representation, Culture, and Practice	
Select two of the following:		6
DHD 102	Disability in Media	
DHD 201	Disability, Rights, and Culture	
DHD 202	Disability, Health, and Society	
DHD 203	Disability in World Cultures	
DHD 204	Disability in the Humanities	
DHD 205	Disability, Race, Class and Gender	
DHD 206	Disability, Inclusive Cities, and Environmental Accessibility	
DHD 411	Disability Policy, Technology, and Practice [b]	
DHD 412	Disability Representation, Culture, and Practice [b]	
DHD 451	Disability Communities, Careers, and Professionalism	
Total Hours		**12**

a *See the course description for approved General Education categories for this course.*

b *Students select either DHD 411 or DHD 412 as one of their required courses; the other class can meet the selective requirement.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in enrollment residence at the University of Illinois Chicago.

Certificate in Co-Operative Career Experience

Note: *This program is currently not accepting applications. Please contact the department for more information.*

Requirements for the Certificate

The Certificate in Co-Operative Career Experience is awarded by the Department of Disability and Human Development (DHD). Students must complete 36 hours over four terms. Co-Op students will explore their career interests through a combination of work placements and academic course work relating to the area of focus they have selected. Students must select one area of focus from three options: (1) Arts and Culture; (2) Social Justice, Policy, and Leadership; (3) Health and Care across the Lifespan.

Code	Title	Hours
Required Courses		
DHD 101	Disability in U.S. Society	3
DHD 103	Radical Inclusion I: Foundations in Intellectual and Developmental Disability	3
DHD 104	Radical Inclusion II: Contemporary Issues in Intellectual and Developmental Disability	3
DHD 304	Disability Innovation Lab	3
DHD Electives		
Students select four DHD electives with their advisor. May be substituted with permission of advisor.		12
Internship		
12 semester hours in the following course:		12
DHD 390	Co-Op Internship	
Total Hours		**36**

- To receive the certificate, students must have completed all course work and have earned a final cumulative GPA of at least 2.00/4.00. With permission from the program coordinator, the student may take an academic leave or reduce the standard course load if requested. If a student fails a class in a given semester, they will have an opportunity to retake the class one time.
- Transfer credit is not accepted. All courses must be taken at UIC.
- Credits earned through the Co-Op Certificate Program can be applied toward UIC degree programs.

Department of Kinesiology and Nutrition

Contact Information:

Campus Location: 650 Applied Health Sciences Building (AHSB), 337 Physical Education Building (PEB)
Administration: Main Office, (312) 996-8055, East Campus Student Office, (312) 996-4600
kndept@uic.edu
ahs.uic.edu/kinesiology-nutrition

Administration:

Department Head, David Xavier Marquez, PhD, FNAK, FACSM, FGSA, FSBM
Director of Undergraduate Studies, Joshua Miller, DHSc, ACSM-EP, CSCS, ISAK-2
Director of Nutrition Science Program, Kirsten Straughan, MS, RD, LDN, CSSD
Academic Advisors, Tyrianna Sorrell, Jo Wagner, Melvin Woolfolk

The Department of Kinesiology and Nutrition offers programs leading to the Bachelor of Science degree in either Kinesiology or Nutrition.

BS in Kinesiology

The undergraduate program in kinesiology offers a common core in the foundations of kinesiology (human structure, function, and movement) with elective options preparing students for immediate employment or advanced study in numerous areas of the health sciences. In addition to the science of kinesiology, the program emphasizes competencies such as critical thinking and reasoning, communication, professionalism, and leadership, equipping graduates with important and transferable employment skills.

Kinesiology courses are taught by nationally and globally recognized leaders in their areas of teaching, research, and service who emphasize translating science into practice through hands-on learning, independent study, and experiential learning. Through this combined basic science learning with practical application of scientific principles, students are prepared for careers in a variety of health-related fields, such as health and wellness coaching, health-related business operations or sales, personal training, and strength and conditioning. Our graduates also have a strong foundation and necessary prerequisites to pursue further schooling in health-related fields such as athletic training, cardiac rehabilitation, dentistry, medicine, nursing, occupational therapy, physical therapy, sport and exercise psychology, research, and more.

Transfer Admission Requirements

Students seeking admission to the department as a transfer student must meet the entrance requirements that are specified for transfer students. The minimum recommended transfer grade point average for admission is 2.50/4.00. No more than 60 semester hours (90 quarter hours) of credit may be accepted as transfer work from a two-year college. Complete transcripts from all postsecondary institutions must be submitted in order to be considered for admission. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

BS in Nutrition

The Nutrition Science program, an accredited Didactic Program in Dietetics (DPD), provides students with the Accreditation Council for Education in Nutrition and Dietetics (ACEND) required didactic coursework. Upon completion of the Nutrition Science Program, students are eligible to apply for an accredited dietetic internship at another institution. After successfully completing a dietetic internship, students are eligible to sit for the Registration Examination for Dietitians. This program is also intended for students who do not wish to become registered dietitians, but instead plan to pursue advanced degrees in

nutritional sciences, public health, allied health, or a professional degree in medicine. The Nutrition Science concentration prepares students for a future career as a registered dietitian, as well as for graduate study in nutrition, medicine, public health, other allied health fields, and dentistry.

Dietitians provide nutritional care to people in health and disease throughout the life cycle in accordance with their nutritional requirements and food habits. Dietitians' activities include the provision of direct inpatient and outpatient services as well as community program planning and evaluation, clinical protocol development, food service management, and research. Therefore, a dietitian must be knowledgeable in the biological and physical sciences, psychology, sociology, education, and management and must have expertise in food habits, food composition, food service, science of food and nutrition, energy and nutrient needs, program development and evaluation, and research methods. Dietitians counsel clients, as well as work with other members of the healthcare team in providing nutritional care in the clinical setting, and work with consumers in wellness programs and community agencies. Management of personnel, budgets, food operations, and consumer-oriented services in the food or healthcare industry are other areas for dietitians. The research and teaching is focused on the sciences of nutrition, physiology, biochemistry, and molecular biology and the application of knowledge in these disciplines to the maintenance of health and well-being of humans throughout their lives. The curriculum offers a wide range of courses on the nutritional, epidemiological, and behavioral aspects of human diseases, a broad perspective on human biology (including cultural factors), and a strong clinical orientation.

The Nutrition Science program is currently granted initial accreditation by The Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics as a Didactic Program in Dietetics (DPD).

Accreditation Council for Education in Nutrition and Dietetics of the Academy of Nutrition and Dietetics
120 South Riverside Plaza, Suite 2000
Chicago, IL 60606-6995
phone: (312) 899-0040, ext. 5400
http://www.eatright.org

First Year Admission

New first year applicants interested in pursuing the Bachelor of Science in Nutrition are eligible to apply to the Nutrition Science program (concentration) through the Department of Kinesiology and Nutrition. Students must meet the general UIC entrance requirements. A high school curriculum that emphasizes math and the natural sciences (biology, anatomy and physiology, chemistry and physics) gives the student the best chance for success in nutrition. The program will accept UIC and non-UIC transfer students. Prerequisites for ACEND accredited program, such as DPD or CP, may complete their prerequisites at UIC as Nutrition Science majors.

Transfer Admission Requirements

Students seeking admission to the Bachelor of Science in Nutrition, Nutrition Sciences program (concentration) must meet the minimum GPA of 2.50/4.00; however, admission is not guaranteed and transfer requests will be considered on an individual basis.

See the Office of Admission Transfer Guide for more information about transfer admission requirements.

Distinction

Departmental Distinction will be awarded to a student graduating with a BS in Kinesiology or a BS in Nutrition if the student meets the following criteria:

- **Distinction:** 3.75 to 3.89 UIC GPA
- **High Distinction:** 3.90 or above UIC GPA

Undergraduate Experiential Learning

Undergraduate students are required to participate in Experiential Learning. A guided research project, independent study, undergraduate teaching experience, internship, or study abroad course can be one of the most valuable experiences of a college education. The Department of Kinesiology and Nutrition offers the following opportunities:

Special Project and Presentation

KN 396 is designed to be a flexible course allowing juniors and seniors to gain experience in special projects in Kinesiology-related areas. Taken for 1–3 hours, KN 396 requires close interaction with one or more faculty members over the course of one semester. Students will have the opportunity to present their work in KN 397.

Internship Opportunity

Students with Junior or Senior standing who have an interest in expanding their classroom learning experience into a professional career environment are encouraged to apply for the Internship Program (KN 393). Over the course of the semester, each student is required to obtain a minimum of 300 hours of hands-on learning at their designated internship site, earning 6 hours of credit for the semester. A wide variety of internship opportunities within and outside of the Chicagoland area are available, and are designed to meet the specific career interests of each student. Students should inquire about the internship application process one to two semesters prior to the term during which they would like to intern.

Undergraduate Research and Presentation

The Undergraduate Research and Research Presentation sequence is offered as a capstone experience to students interested in pursuing advanced study or research careers in many subdisciplines of Kinesiology. Students complete the two-semester sequence by taking KN 398 and KN 399. Typically, the first semester is devoted to developing a topic, obtaining any necessary approvals for the study (e.g., Institutional Review Board), and collecting data. The second semester consists of continued implementation of the project, writing, and presenting the results. Students can earn up to four semester hours of graduation credit. All Undergraduate Research experiences require a faculty mentor.

Helen Barton Summer Research Scholarship

Promising students of sophomore standing or above who have demonstrated an interest in the research of Kinesiology faculty may apply to receive a Helen Barton Summer Research Scholarship. Recipients of the award will work closely with a faculty member in a Kinesiology laboratory on a project designed by the student and faculty member. Depending on the length and nature of the research experience, the scholarship recipient may have an opportunity to earn graduate credit. If the student and faculty member desire, the work accomplished during this experience may be later developed into the student's Undergraduate Research and Research Presentation capstone experience.

Study Abroad

The Department of Kinesiology and Nutrition offers the opportunities to study abroad. These programs do not interrupt enrollment residence and with department and college approval, students may apply credit earned in the program toward the degree. More detailed information on these programs is available from the individual department. Extensive study abroad opportunities are offered by the UIC Study Abroad Office. For more information, please visit the Study Abroad website.

Undergraduate Teaching Assistant

Each semester, undergraduate students have the opportunity to apply to be an undergraduate teaching assistant (UTA) for a selection of courses in Kinesiology. This is an excellent opportunity to enhance instructional skills and knowledge in areas where students have performed well. UTAs serve as true assistants to the faculty member leading the course and their peers. If selected to be an UTA, the student will obtain credit for participating and register for KN 493.

Professional Certifications

Courses have been developed to assist students in becoming certified as health and fitness professionals by organizations such as the American College of Sports Medicine, National Strength and Conditioning Association, National Academy of Sports Medicine, and the American Council on Exercise. For specific information on certification pathways, please speak with Kinesiology faculty and advisors as well as see each organization's website.

Degree Programs

- BS in Kinesiology (p. 127)
- BS in Nutrition, Nutrition Science Concentration (p. 128)

Minors

- Minor in Food Science (p. 130)
- Minor in Kinesiology (p. 131)
- Minor in Nutrition (p. 131)

BS in Kinesiology

Program Codes:
20GF0351BS

Degree Requirements

To earn a Bachelor of Science in Kinesiology degree from UIC, students need to complete university, college, and department degree requirements. The Department of Kinesiology and Nutrition degree requirements are outlined below. Students should consult the College of Applied Health Sciences (p. 109) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
University Writing Requirement		6
General Education and Basic Sciences		35-36
Required Major Courses/Kinesiology Core		53
Experiential Learning		3
Electives		22-23
Total Hours		**120**

University Writing Requirement

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Total Hours		**6**

General Education and Basic Sciences

Code	Title	Hours
Required Courses		
BIOS 110	Biology of Cells and Organisms [a]	4
KN 152	Introduction to Exercise Physiology and Health [a]	3
PSCH 100	Introduction to Psychology [b]	3-4
or KN 150	The Healthy Human	
MATH 121	Precalculus Mathematics	5
CHEM 101	Preparatory Chemistry	4
PHYS 131	Introductory Physics for Life Sciences I [a]	4
Exploring World Cultures course [c]		3
Understanding the Creative Arts course [c]		3
Understanding the Past course [c]		3
Understanding U.S. Society course [c]		3
Total Hours		**35-36**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *This course is approved for the Understanding the Individual and Society General Education category.*

Required Major Courses/Kinesiology Core

Code	Title	Hours
HN 196	Nutrition	3
KN 100	Kinesiology: First Year Seminar [a]	2
KN 136	Techniques and Principles of Exercise	3
KN 200	Statistical Methods [b]	3
KN 237	Sport and Exercise Psychology	3
KN 243	Exercise Assessment	3
KN 245	Exercise Programming and Instruction	3
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
KN 261	Applied Musculoskeletal Anatomy	3
KN 336	Health Coaching	3
KN 352	Physiology of Exercise	4
KN 361	Movement Biomechanics	3
KN 362	Tissue Biomechanics	3
KN 372	Motor Control and Learning	3
KN 491	Professional Preparation	3

KN 495	Senior Seminar	1
Total Hours		**53**

a *KN 100 is completed by both first-year and transfer students.*
b *No credit is given if the student has credit in STAT 101. Students who have credit in STAT 101 or equivalent may have the KN 200 requirement waived.*

Experiential Learning

Code	Title	Hours
Requirements		
The Experiential Learning requirement is met through successful completion of 3 hours of KN 299, KN 393, KN 396 and KN 397, KN 398, KN 399, or KN 493.		3
Total Hours		**3**

Electives

Code	Title	Hours
Electives		
Select 22-23 hours of free electives. [a]		22-23
Total Hours		**22-23**

a *Electives must include at least one 300-level and at least one 400-level Kinesiology course, excluding Experiential Learning classes (KN 299, KN 393, KN 396 and KN 397, KN 398, KN 399 or KN 493)*

Sample Course Schedule

Course	Title	Hours
Freshman Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
KN 100	Kinesiology: First Year Seminar	2
CHEM 101	Preparatory Chemistry	4
MATH 121	Precalculus Mathematics	5
	Hours	**14**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
KN 136	Techniques and Principles of Exercise	3
KN 152	Introduction to Exercise Physiology and Health	3
BIOS 110	Biology of Cells and Organisms	4
KN 200	Statistical Methods	3
	Hours	**16**
Sophomore Year		
Fall Semester		
HN 196	Nutrition	3
KN 230	Anatomy and Physiology Lecture I	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 237	Sport and Exercise Psychology	3
General Education course		3
	Hours	**14**
Spring Semester		
KN 231	Anatomy and Physiology Lecture II	3
KN 233	Anatomy and Physiology Laboratory II	2
KN 243	Exercise Assessment	3
KN 261	Applied Musculoskeletal Anatomy	3
PSCH 100 or KN 150	Introduction to Psychology or The Healthy Human	3-4
	Hours	**14-15**
Junior Year		
Fall Semester		
PHYS 131	Introductory Physics for Life Sciences I	4
KN 245	Exercise Programming and Instruction	3
KN 372	Motor Control and Learning	3
General Education course		3
Free Elective		3
	Hours	**16**
Spring Semester		
KN 352	Physiology of Exercise	4
KN 361	Movement Biomechanics	3
KN 491	Professional Preparation	3
Free Electives		5
	Hours	**15**
Senior Year		
Fall Semester		
KN 362	Tissue Biomechanics	3
Kinesiology 300-level Elective		3
Free Elective		3
General Education course		3
General Education course		3
	Hours	**15**
Spring Semester		
KN 336	Health Coaching	3
KN 495	Senior Seminar	1
Kinesiology 400-level Elective		3
Free Elective(s)		5-6
Experiential Learning		3
	Hours	**15-16**
	Total Hours	**120**

BS in Nutrition, Nutrition Science Concentration

Program Codes:
20GF5151BS

Degree Requirements—BS in Nutrition, Nutrition Science Concentration

To earn a Bachelor of Science in Nutrition degree from UIC, students need to complete university, college, and department degree requirements. The Department of Kinesiology and Nutrition degree requirements for the Nutrition Science concentration are outlined below. Students should consult the College of Applied Health Sciences (p. 109) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education and Pre-Nutrition Course Requirements		59
Nutrition Science Required Courses		38
Electives		23
Total Hours		**120**

Degree Requirements

Note: Students who do not place into certain courses or do not carefully plan sequential course work should expect to take summer session courses or possibly take longer than two years to complete the pre-nutrition coursework. Students should seek advising from the Department of Kinesiology and Nutrition for advice on course planning. Visit the department website for additional information and directions on becoming a nutrition science major.

General Education and Pre-Nutrition Course Requirements

These are required prerequisites for many of the Nutrition Science Core courses and therefore, should be completed within the first two years of the program.

Code	Title	Hours
Required Courses		
HN 100	Introduction to Nutrition: New Student Seminar	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
COMM 100	Fundamentals of Human Communication	3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
PSCH 100	Introduction to Psychology [a]	4
SOC 100	Introduction to Sociology [a,c]	3
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I [d,e]	2
CHEM 232	Structure and Function	3
CHEM/BIOS 352	Introductory Biochemistry [f]	3
BIOS 110	Biology of Cells and Organisms [d]	4
MATH 110	College Algebra [g]	4
HN 110	Foods	3
HN 196	Nutrition	3
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
Total Hours		**59**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *Students should consult the General Education section of the catalog for a list approved courses in this category.*

c *This course is approved for the Understanding U.S. Society General Education category.*

d *This course is approved for the Analyzing the Natural World General Education category.*

e *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*

f *BIOS 120 is not required as a prerequisite for CHEM 352/BIOS 352 for Nutrition Science students.*

g *Completion of MATH 110 may be satisfied through placement exam or CLEP. Students may meet the math requirement through completion of MATH 110 or an upper-level math course.*

Degree Requirements—Nutrition Science Concentration

Nutrition Science Required Courses

Code	Title	Hours
Required Courses		
HN 201	Essentials of Nutrition, Physical Activity and Health Assessment	3
or HN 302	Nutritional Assessment	
HN 202	Culture and Food [a]	2
HN 300	Science of Foods	3
HN 306	Nutrition Education	3
HN 308	Nutrition Science I	3
HN 309	Nutrition Science II	3
HN 311	Nutrition During the Life Cycle	3
HN 313	Introduction to Community Nutrition	3
HN 318	Genetic, Molecular and Cellular Mechanisms of Chronic Diseases	3
HN 320	Clinical Nutrition I	3
HN 420	Clinical Nutrition II	3
HN 423	Nutrition Counseling	3
HN 440	The Research Process in Nutrition	3
Total Hours		**38**

a *This course is approved for the Exploring World Cultures General Education category*

Electives

Code	Title	Hours
Electives [a]		
Select 23 hours of Elective courses.		23
Total Hours		**23**

a *Elective courses will depend upon students' postgraduation goals. It is recommended that students who intend to sit for the Registration Examination for Dietitians take HN 330 and HN 332.*

Sample Course Schedule—Nutrition Science

Course	Title	Hours
Freshman Year		
Fall Semester		
HN 100	Introduction to Nutrition: New Student Seminar	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
BIOS 110	Biology of Cells and Organisms	4
CHEM 122	Matter and Energy	3

CHEM 123	Foundations of Chemical Inquiry I	2
	Hours	**14**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 110	College Algebra	4
SOC 100	Introduction to Sociology	3
CHEM 232	Structure and Function	3
	Hours	**13**
Sophomore Year		
Fall Semester		
KN 230	Anatomy and Physiology Lecture I	3
KN 232	Anatomy and Physiology Laboratory I	2
HN 196	Nutrition	3
PSCH 100	Introduction to Psychology	4
Understanding the Creative Arts course		3
	Hours	**15**
Spring Semester		
KN 231	Anatomy and Physiology Lecture II	3
KN 233	Anatomy and Physiology Laboratory II	2
COMM 100	Fundamentals of Human Communication	3
CHEM 352	Introductory Biochemistry (Same as BIOS 352)	3
HN 110	Foods	3
Understanding the Past course		3
	Hours	**17**
Junior Year		
Fall Semester		
HN 201 or HN 302	Essentials of Nutrition, Physical Activity and Health Assessment or Nutritional Assessment	3
HN 308	Nutrition Science I	3
HN 318	Genetic, Molecular and Cellular Mechanisms of Chronic Diseases	3
Electives		6
	Hours	**15**
Spring Semester		
HN 309	Nutrition Science II	3
HN 313	Introduction to Community Nutrition	3
HN 306	Nutrition Education	3
HN 202	Culture and Food	2
Electives		5
	Hours	**16**
Senior Year		
Fall Semester		
HN 300	Science of Foods	3
HN 311	Nutrition During the Life Cycle	3
HN 320	Clinical Nutrition I	3
Electives		6
	Hours	**15**
Spring Semester		
HN 440	The Research Process in Nutrition	3
HN 420	Clinical Nutrition II	3
HN 423	Nutrition Counseling	3
Electives		6
	Hours	**15**
	Total Hours	**120**

Minor in Food Science

The Minor in Food Science is open to undergraduate students in any college who complete both prerequisite and required coursework. Students will be allowed to complete the minor if they have a minimum GPA of 2.50/4.00 at the time of application. Students must submit an application. Students must also consult their home colleges about the acceptability and applicability of food science course credit toward their degree. Registration for most courses in the food science curriculum is restricted; therefore, students must register through a nutrition department academic advisor. A minimum cumulative GPA of 2.50/4.00 is required for the minor field.

Prerequisites for the Minor

Code	Title	Hours
Required Prerequisites		
HN 110	Foods	3
or HN 111	Food Handling and Safety	
One of the following chemistry sequences:		10
CHEM 122 & CHEM 123 & CHEM 124 & CHEM 125	Matter and Energy and Foundations of Chemical Inquiry I and Chemical Dynamics and Foundations of Chemical Inquiry II	
OR		
CHEM 116 & CHEM 118	Honors and Majors General and Analytical Chemistry I and Honors and Majors General and Analytical Chemistry II [a]	
One of the following organic chemistry courses:		3-4
CHEM 230	Organic Chemistry of Biological Systems	
CHEM 232	Structure and Function	
BIOS 110	Biology of Cells and Organisms	4

a *While students in some UIC majors and minors who complete CHEM 116 and CHEM 118 are ordinarily not required to take CHEM 222, all students completing the Minor in Food Science must take CHEM 222, as some of the content within that course has now been aligned with the Food Science curriculum.*

Requirements for the Minor

Code	Title	Hours
Required Courses		
CHEM 222	Analytical Chemistry	4
HN 300	Science of Foods	3
HN 410	Food Microbiology	4
Select one of the following courses:		3-4
HN 411	Food Analysis	
CHEM 421	Instrumental Analysis	
Select one of the following courses:		2-3
HN 412	Sensory Evaluation for Foods and Beverages	
HN 413	Food Product Development	
HN 414	Fermented Foods and Beverages	
Total Hours		**16-18**

Enrollment Residence Requirement for the Minor

A student must complete at least one half of the coursework required for the minor field in enrollment residence at the University of Illinois Chicago.

Minor in Kinesiology

The Minor in Kinesiology is open to majors from all UIC units and colleges. Students are eligible to complete the minor area of study within Kinesiology if they meet the minimum GPA of 2.50/4.00 at the time of application and have completed BIOS 110 (preference given to students who have completed this course with a grade of C or higher). Students must submit a request form online. Students outside the College of Applied Health Sciences must also consult their home colleges about acceptability and applicability of Kinesiology course credit toward their degree. Registration for many KN courses is restricted to students in the College of Applied Health Sciences; therefore, students outside the College of Applied Health Sciences seeking a minor may need to register for the courses needed through an academic advisor in the Department of Kinesiology and Nutrition.

Prerequisites for the Minor

Code	Title	Hours
Prerequisites		
BIOS 110	Biology of Cells and Organisms	4
Total Hours		**4**

Requirements for the Minor

Code	Title	Hours
Required Courses		
KN 230 & KN 231 & KN 232 & KN 233	Anatomy and Physiology Lecture I and Anatomy and Physiology Lecture II and Anatomy and Physiology Laboratory I and Anatomy and Physiology Laboratory II	10
Select a minimum of 9 hours from the following in consultation with an advisor:		9
KN 136	Techniques and Principles of Exercise	
KN 152	Introduction to Exercise Physiology and Health	
Any Kinesiology course at the 200 level or higher		
Total Hours		**19**

Enrollment Residence Requirement for the Minor

A student must complete at least one-half of the coursework required for the minor field in enrollment residence at the University of Illinois Chicago.

Minor in Nutrition

The Minor in Nutrition is open to majors from other units and colleges, including those in the BS in Kinesiology program, but not those students enrolled in the BS in Nutrition program. Students are eligible to complete the minor area of study within Nutrition if they meet the transfer-eligibility criteria at the time of application (minimum GPA of 2.50/4.00). Students must submit an application. Students must also consult their home colleges about the acceptability and applicability of Nutrition course credit toward their degree. Registration for most HN courses is restricted to students in the department; therefore, students must register through a departmental academic advisor. A minimum cumulative GPA of 2.50/4.00 is required for the minor field.

Students must take the following courses for a minimum of 13 semester hours.

Requirements for the Minor

Code	Title	Hours
Required Courses		
HN 110	Foods	3
HN 196	Nutrition	3
HN 202	Culture and Food [a]	2
HN 307	Human Nutrition and Metabolism [b]	3
Select ONE of the following courses as a selective:		2-3
HN 201	Essentials of Nutrition, Physical Activity and Health Assessment [b]	
HN 203	Culture and Food Lab	
HN 296	Nutrition and Physical Activity [b]	
HN 300	Science of Foods [b]	
HN 213	Food, Health and Equity	
Total Hours		**13**

a *HN 202 is approved for the Exploring World Cultures General Education category.*

b *This course may require prerequisites, which are listed in the course description.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in enrollment residence at the University of Illinois Chicago.

Health and Rehabilitation Sciences

Contact Information:
Campus Location: 516 Applied Health Sciences Building (AHSB), 1919 West Taylor
Main Office: (312) 996-2079, Program Office: (312) 996-2073
ahsinfo@uic.edu

Administration:
Director, Program in Health and Rehabilitation Sciences, Jennifer Wescott, OTD, OTR/L

This program is a unique integration of the research and educational expertise of departments in the College of Applied Health Sciences: Biomedical and Health Information Sciences, Occupational Therapy, Physical Therapy, Kinesiology and Nutrition, and Disability and Human Development. The integration of the offerings and talent from these programs allows the college to offer a high-quality, comprehensive rehabilitation undergraduate degree including elements of anatomy, physiology, disability studies, assistive technology, restorative and supportive therapies, healthcare administrative skills, and issues such as health informatics and health ethics. The program offers required courses in: basic concepts of rehabilitation sciences, anatomy and physiology, statistics and research methods, psychology, ethics, medical

terminology, rehabilitation case management, assistive technology, social construction and cultural production of disability, and health informatics. The degree also offers additional relevant courses from college programs as selectives and electives, as well as research and interprofessional experiences.

Degree Program

- BS in Health and Rehabilitation Sciences (p. 132)

BS in Health and Rehabilitation Sciences

Program Codes:
20GF6329B

Degree Requirements

To earn a Bachelor of Science in Health and Rehabilitation Sciences degree from UIC, students need to complete university, college, and program degree requirements. Students should consult the College of Applied Health Science (p. 109) section for additional degree requirements and college academic policies. Students must complete all required General Education, core course, and selective course requirements and a total number of 120 degree hours to successfully complete the degree program. All candidates must have at least a 2.00/4.00 grade point average in all work taken at the University of Illinois Chicago, in all work taken in the major field, and in all work accepted by the university (transfer work plus work taken at UIC).

Code	Title	Hours
Summary of Requirements		
University Writing Requirement		6
General Education Core Requirements		20
Common Core		53
Selectives		12
Electives		29
Total Hours		**120**

University Writing Requirement

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Total Hours		**6**

General Education Core Requirements [a]

Code	Title	Hours
Required Courses		
BIOS 110	Biology of Cells and Organisms [b]	4
PSCH 100	Introduction to Psychology [c]	4
Understanding the Past course [d]		3
Understanding the Creative Arts course [d]		3
Exploring World Cultures course [d]		3
Understanding U.S. Society course [d]		3
Total Hours		**20**

a *The University General Education requirement is 24 hours distributed across the six categories. A required course in the major, DHD 101, is approved for General Education and fulfills the sixth category, Understanding U.S. Society. Students must use their selectives and electives to complete any remaining hours needed to reach the 24-hour General Education requirement.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *This course is approved for the Understanding the Individual and Society General Education category.*

d *Students should consult the* General Education (p. 86) *section of the catalog for a list approved courses in this category.*

Common Core

Code	Title	Hours
Courses		
AHS 101	Rehabilitation Sciences Student Success Seminar	1
AHS 102	Foundations of Clinical Research in Health & Rehabilitation Sciences	3
AHS 210	Introduction to Rehabilitation Sciences	3
AHS 325	Approaches to Rehabilitation Case Management	3
AHS 330	Physical and Mental Health Issues in Rehabilitation	3
AHS 365	Measurement and Assessment in Rehabilitation	3
AHS 375	Ethics, Law and Professionalism in Health Sciences	3
AHS 393	Synthesis in Health and Rehabilitation Sciences	3
AHS 402	Health Inter-professional Seminar	2
BHIS 406	Medical Terminology for Health Information Management	2
BHIS 460	Introduction to Health Informatics	1
DHD 101	Disability in U.S. Society [a]	3
DHD 440	Introduction to Assistive Technology: Principles and Practice	3
HIM 410	Introduction to the Health Care System	3
KN 230	Anatomy and Physiology Lecture I [b]	3
KN 231	Anatomy and Physiology Lecture II [b]	3
PSCH 242	Introduction to Research in Psychology	4
PSCH 270	Introduction to Psychological and Behavioral Disorders	3
or PSCH 312	Social Psychology	
or PSCH 315	Psychology of Women and Gender	
or PSCH 320	Developmental Psychology	
or PSCH 324	Cultural Psychology	
STAT 101	Introduction to Statistics	4
Total Hours		**53**

a *This course fulfills the Understanding U.S. Society requirement in this program.*

Selectives

Code	Title	Hours
Courses		
Select four of the following (12 hours minimum):		12
AHS 304	Human Sexuality and Health Science	
AHS 405	Experiential Learning in Health and Rehabilitation Sciences	
AHS 425	Rehabilitation Services and Resources for Children with Developmental Disabilities and Families	
DHD 102	Disability in Media	
DHD 201	Disability, Rights, and Culture	
DHD 202	Disability, Health, and Society	
DHD 203	Disability in World Cultures	
DHD 204	Disability in the Humanities	
DHD 205	Disability, Race, Class and Gender	
DHD 206	Disability, Inclusive Cities, and Environmental Accessibility	
DHD 303	Disability Activism: From the Local to the Global	
DHD 403	Disability in Latino Communities	
DHD 411	Disability Policy, Technology, and Practice	
DHD 412	Disability Representation, Culture, and Practice	
DHD 441	Adaptive Equipment Design and Fabrication	
PSCH 366	Cognitive Neuroscience	
PT 350	Introduction to Physical Therapy	
OT 350	Introduction to Occupational Therapy: Occupation and Participation across the Lifespan	
Up to 2 courses totaling up to 6 hours of any 300- or 400-level course may be selected with advisor approval		
Total Hours		**12**

Electives

Code	Title	Hours
Electives		
Select electives to meet final degree hour requirement.		29
Total Hours		**29**

Sample Course Schedule

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
DHD 101	Disability in U.S. Society	3
AHS 101	Rehabilitation Sciences Student Success Seminar	1
Exploring World Cultures course		3
Understanding the Past course		3
	Hours	**13**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
AHS 102	Foundations of Clinical Research in Health & Rehabilitation Sciences	3
AHS 210	Introduction to Rehabilitation Sciences	3
BIOS 110	Biology of Cells and Organisms	4
PSCH 100	Introduction to Psychology	4
	Hours	**17**
Second Year		
Fall Semester		
KN 230	Anatomy and Physiology Lecture I	3
Selective		3
Understanding U.S. Society course		3
Elective		3
Elective		3
	Hours	**15**
Spring Semester		
KN 231	Anatomy and Physiology Lecture II	3
STAT 101	Introduction to Statistics	4
Selective		3
Elective		3
	Hours	**13**
Third Year		
Fall Semester		
AHS 330	Physical and Mental Health Issues in Rehabilitation	3
AHS 325	Approaches to Rehabilitation Case Management	3
AHS 393	Synthesis in Health and Rehabilitation Sciences	3
DHD 440	Introduction to Assistive Technology: Principles and Practice	3
PSCH 242	Introduction to Research in Psychology	4
	Hours	**16**
Spring Semester		
BHIS 406	Medical Terminology for Health Information Management	2
PSCH 270 or PSCH 312 or PSCH 315 or PSCH 320 or PSCH 324	Introduction to Psychological and Behavioral Disorders or Social Psychology or Psychology of Women and Gender or Developmental Psychology or Cultural Psychology	3
Selective		3
Selective		3
Elective		3
Elective		3
	Hours	**17**
Fourth Year		
Fall Semester		
AHS 375	Ethics, Law and Professionalism in Health Sciences	3
HIM 410	Introduction to the Health Care System	3
AHS 402	Health Inter-professional Seminar	2
Undertanding the Creative Arts course		3
Elective		3
	Hours	**14**
Spring Semester		
AHS 365	Measurement and Assessment in Rehabilitation	3
BHIS 460	Introduction to Health Informatics	1
Elective		3
Elective		3
Elective		3

Elective	3
Hours	**16**
Total Hours	**121**

Preprofessional Studies

Preprofessional studies in the College of Applied Health Sciences are designed for students who intend to pursue their undergraduate or graduate education in professional programs of the AHS College. Preprofessional students in AHS can be Disability and Human Development, Health Information Management, Kinesiology, Nutrition Science, or Rehabilitation Sciences majors. Advisors for students in pre-occupational therapy and pre-physical therapy are available in the AHS College Office of Student Affairs. Students are also encouraged to participate in the preadmission information sessions which are held monthly within the Occupational Therapy and Physical Therapy departments. Scheduling information for these sessions can be found on the AHS website.

Completion of the required coursework or attainment of the minimum grade point average does not guarantee admission to a professional program. Pre-OT and Pre-PT students must complete all the requirements for a bachelor's degree, including a major, in addition to the preprofessional studies.

Preprofessional Studies

- Pre-Health Information Management (p. 134)
- Pre-Occupational Therapy (p. 134)
- Pre-Physical Therapy (p. 136)

Pre-Health Information Management

Health information administrators are responsible for the management of health information systems consistent with the medical, administrative, ethical, and legal requirements of the healthcare delivery system. They process patient data, design and implement systems that will accurately record this information and make it readily retrievable, and develop and maintain quality assurance programs to assist the healthcare team in monitoring all healthcare activities.

The HIM administrator also provides medical information to qualified users and safeguards confidential patient data. Administrative duties assigned to this health professional include responsibility for subordinate personnel, capital equipment selection, systems design and analysis, hospital committee activities, and budget management.

Students pursuing Health Information Management acquire knowledge of medical science, disease classification and coding, record management, health information systems, information technology, and organization and management. Coursework is integrated with clinical practice experience in the health information management departments of affiliated hospitals, so that the student can develop the organizational and managerial skills required to administer an efficient health information management department.

The prerequisite coursework listed below prepares the student to apply to the Bachelor of Science in Health Information Management program offered in the College of Applied Health Sciences. If admitted to the program, students will complete two additional years of undergraduate study in the College of Applied Health Sciences to obtain the bachelor's degree. Completion of pre-health information management coursework does not guarantee admission to the College of Applied Health Sciences.

Prerequisite Coursework

59-60 semester hours, exclusive of basic military science, distributed as follows:

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 110	Biology of Cells and Organisms [a]	4
Additional Analyzing the Natural World course [b]		3-5
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
PSCH 100	Introduction to Psychology [c]	4
STAT 101	Introduction to Statistics	4
or PSCH 242	Introduction to Research in Psychology	
MATH 110	College Algebra	4
or MATH 105	Mathematical Reasoning	
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Understanding U.S. Society course [b]		3
IDS 200	Intro to Management Information Systems	4
Electives—To complete the required total hours of General Education Core Requirement courses. [d]		9-13
Total Hours		**59-60**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *Students should consult the* General Education (p. 86) *section of the catalog for a list approved courses in this category.*

c *This course is approved for the Understanding the Individual and Society General Education category.*

d *KN 232 and KN 233 are recommended electives.*

All prerequisite courses must be completed with a grade of C or better. The minimum GPA for application to the program in health information management is 2.50/4.00. Students may apply for admission to the program approximately one year before planned enrollment.

Pre-Occupational Therapy

Occupational therapists use occupations (meaningful activities) to promote health, well-being, and a client's ability to participate in the important activities in their life. Occupations can range from activities of daily living (ADLs) to community-based activities, to the unique pastimes that enrich a person's life. With strong knowledge of a person's psychological, physical, emotional, and social makeup and attention to contextual influences, occupational therapists use a holistic perspective to evaluate how a condition (or risk for one) affects a client's body and mind.

Occupational therapists work with people throughout the lifespan in hospitals, outpatient clinics, primary care, schools, clients' homes and other community-based settings (Reeves, Sako, Malloy, Goldstein & Bennett, n.d.).[a] Occupational therapy practitioners work along the continuum of care, often supporting people through prevention and self-management of acute and chronic conditions (AOTA, n.d.)[b]

Occupational therapists are trained to conduct a thorough evaluation to assess performance strengths and deficits and develop a specific, individualized intervention plan geared toward supporting clients' participation in their most important occupations. During the evaluation process, occupational therapists collaborate with clients to identify outcomes that are important to them. Person-centered interventions facilitate clients' self-analysis, collaboration, problem-solving, and action planning within the context of their daily lives and overall health management (Reeves, Sako, Malloy, Goldstein & Bennett, n.d.).[a]

Occupational therapists use occupations to improve their clients' functional performance, and quality of life in order to increase participation in their daily activities (AOTA, 2020).[c] Intervention activities are driven by a person's priorities and may include:

- Building skills needed for activities of daily living (such as bathing, dressing, and eating) and instrumental activities of daily living (such as managing finances and driving)
- Training and coaching caregivers and family members
- Supporting return to work, school, and leisure activities
- Educating clients about techniques to aid in memory, concentration, and executive functioning (e.g., planning and prioritizing, functional cognition)
- Modifying homes to support clients' functioning and safety
- Supporting care transitions (for example, from the hospital to home)

Occupational therapists are skilled health care professionals and life-long learners who use research and scientific evidence to support the effectiveness of their interventions.

A career in occupational therapy is rewarding and dynamic. Professional practice may include a variety of roles such as clinician, educator, researcher, consultant, and/or administrator.

To learn more about occupational therapy, visit the American Occupational Therapy Association website.

a *Reeves, L., Sako, M., Malloy, J., Goldstein, A., & Bennett, K. (n.d.).* The role of occupational therapy in comprehensive integrative pain management. *American Occupational Therapy Association.* https://www.aota.org/-/media/corporate/files/practice/role-of-ot-in-comprehensive-integrative-pain-management.pdf

b *American Occupational Therapy Association. (n.d.). About occupational therapy: What is occupational therapy? https://www.aota.org/about/for-the-media/about-occupational-therapy*

c *American Occupational Therapy Association. (2020). Occupational therapy practice framework: Domain and process (4th ed.). American Journal of Occupational Therapy, 74(Suppl. 2), 1-87. https://doi.org/10.5014/ajot.2020.74S2001*

Preprofessional Coursework

The preprofessional coursework listed below prepares students to apply to the professional program in the Department of Occupational Therapy in the College of Applied Health Sciences after completion of the undergraduate degree. Students should contact OTDept@uic.edu or (312) 413-0124 for further information.

Pre-occupational therapy students may choose any major but should work with a preprofessional advisor to plan a course of study that fulfills pre-occupational therapy studies requirements as well as the requirements for the major.

Code	Title	Hours
Required Courses [a]		
BIOS 110	Biology of Cells and Organisms [b]	4
PSCH 100	Introduction to Psychology	4
KN 230	Anatomy and Physiology Lecture I [c]	3
KN 231	Anatomy and Physiology Lecture II [c]	3
KN 232	Anatomy and Physiology Laboratory I [c]	2
KN 233	Anatomy and Physiology Laboratory II [c]	2
PSCH 270	Introduction to Psychological and Behavioral Disorders [c,d]	3
PSCH 242	Introduction to Research in Psychology	4
PSCH 320	Developmental Psychology [c]	3
Choose from one of the following courses in statistics: [e]		3-4
PSCH 343	Statistical Methods in Behavioral Science	
KN 200	Statistical Methods	
STAT 101	Introduction to Statistics	
STAT 130	Introduction to Statistics for the Life Sciences	
SOC 201	Introductory Sociological Statistics	
One of the following:		3
ANTH 101	World Cultures: Introduction to Social Anthropology	
SOC 100	Introduction to Sociology (strongly preferred)	
Total Hours		**34-35**

a *Students completing an undergraduate degree at UIC must complete the General Education requirements. Students should consult the* General Education *(*p. 86*) section and their college/department sections of the catalog for more information on fulfilling these requirements.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *If prerequisites were completed* ***more than three years*** *prior to beginning occupational therapy coursework, it is highly recommended that applicants review a current text prior to enrollment so that they have up-to-date knowledge. If prerequisites were completed* ***more than eight years*** *ago, it is recommended that applicants retake the course(s) or complete an intensive self-study prior to enrollment.*

d *This course is approved for the Understanding the Individual and Society General Education category.*

e *PSCH 343 is limited to psychology majors. Other options include SOC 201 (for sociology majors), KN 200 (for KN majors) and STAT 101 and STAT 130.*

Other minimum admissions requirements include an earned bachelor's degree in any field, CPR (cardiopulmonary resuscitation) certification with Health Providers Status, 3.00/4.00 GPA for all baccalaureate and graduate coursework is expected, three letters of recommendation,

and a personal statement, and UIC-specific essay. Applicants with a GPA of below 3.00 who display strengths in other areas may be considered for admission. Students must apply for admission to the program approximately one year before planned enrollment.

Pre-Physical Therapy

Physical therapy is a health profession whose primary purpose is the promotion of optimal human health and function through the application of scientific principles to prevent, identify, assess, correct, or alleviate acute or prolonged movement dysfunction. Physical therapy encompasses areas of specialized competence and includes the development of new principles and applications to more effectively meet existing and emerging health needs. Other professional activities that serve the purpose of physical therapy are research, education, consultation, and administration.

The physical therapist, working in cooperation with other health professionals, serves the individual needs of the client and the health needs of society. The physical therapy profession depends heavily on knowledge and application of the basic medical and behavioral sciences, coupled with specialized knowledge and skills in the clinical arts and sciences.

Physical therapists may work as staff, supervisors, or self-employed practitioners who serve clients directly; as administrators of clinical departments, health agencies, or educational programs; as healthcare agency consultants; as clinical or academic teachers; or as researchers.

They may work in hospitals, clinics, rehabilitation centers, schools for children with disabilities, neighborhood health centers, physicians' offices, nursing homes and convalescent centers, private and public health agencies, sports settings, and universities.

Preprofessional Coursework

Pre-physical therapy students may choose any major but should work with an advisor to plan a course of study that fulfills the pre-physical therapy studies requirements as well as the requirements for the major. Students are advised to declare an educational goal of pre-physical therapy upon entering UIC which will alert them to specific workshops and other pertinent information.

The pre-physical therapy requirements follow and should be completed as part of the undergraduate degree program.

Code	Title	Hours
Required Courses [a]		
BIOS 110	Biology of Cells and Organisms [b]	4
Select one of the following general chemistry sequences:		10
CHEM 122	Matter and Energy	
CHEM 123	Foundations of Chemical Inquiry I [b,c]	
CHEM 124	Chemical Dynamics	
CHEM 125	Foundations of Chemical Inquiry II [b,c]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
Choose from one of the following statistics courses:		3-4
PSCH 343	Statistical Methods in Behavioral Science [d]	
KN 200	Statistical Methods	
SOC 201	Introductory Sociological Statistics	
STAT 101	Introduction to Statistics	
STAT 130	Introduction to Statistics for the Life Sciences	
PHYS 131	Introductory Physics for Life Sciences I [b]	4
PHYS 132	Introductory Physics for Life Sciences II [b]	4
PSCH 100	Introduction to Psychology [e]	4
Select one course in developmental or abnormal psychology from the following:		3
PSCH 270	Introduction to Psychological and Behavioral Disorders [e]	
PSCH 320	Developmental Psychology	
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
Total Hours		**42-43**

a *Students completing an undergraduate degree at UIC must complete the General Education requirements. Students should consult the* General Education *(*p. 86*) section and their college/department sections of the catalog for more information on fulfilling these requirements.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements: CHEM 122/CHEM 123; CHEM 124/CHEM 125.*

d *PSCH 343 is limited to psychology majors. Other options include SOC 201 (for sociology majors), KN 200 (for KN majors), STAT 101, and STAT 130.*

e *This course is approved for the Understanding the Individual and Society General Education category.*

In addition, applicants must complete a minimum of 40 hours of documented volunteer or observation experiences in a variety of physical therapy facilities. Current certification in CPR (cardiopulmonary resuscitation) with Health Provider Status is recommended prior to beginning the professional program. Students must also have earned a bachelor's degree prior to enrolling in the program.

The minimum GPA for application to the program in physical therapy is 2.50/4.00 in science and nonscience courses. The competitive GPA, however, is considerably above this level. The Graduate Record Examination (GRE) taken within five years of the date of application. Students must apply for admission to the program approximately one year before planned enrollment. Students should call (312) 996-6646 for additional information.

College of Architecture, Design, and the Arts

Contact Information:

Campus Location: 1309 S Halsted
(312) 996-2006
cada.uic.edu

Administration:
Dean, Rebecca Rugg
Administration: 1309 S Halsted
Office of Student Affairs: 1309 S Halsted
Schools and Departments: Architecture, Art, Art History and Museum and Exhibition Studies, Design, and Theatre & Music

Introduction

The College of Architecture, Design, and the Arts (CADA) is a unique group of schools and affiliated units dedicated to the investigation, creation, and interpretation of our physical, social, and sensory environments. With degree programs in the visual arts, design, theatre and music, architecture, and art history, the college is the only place in Chicago where one can prepare for a career in the arts and design within a major research university. The college is home to an energetic, award-winning faculty of practicing architects, artists, designers, museum professionals, art historians, musicians, directors, and theatrical performers. Through their instruction and ongoing research, the faculty introduces students to disciplinary and professional themes of contemporary importance and fosters a vibrant atmosphere of intellectual and creative inquiry.

The College of Architecture, Design, and the Arts is a leader in visual and performing arts and design education and research in the city of Chicago, the nation, and the world. The college considers its location in Chicago—a renowned cultural center, and a site of complex social realities—a primary asset. It has developed partnerships with significant local museums, theaters, firms, and other cultural institutions, as well as collaborations with a wide range of programs across the university. UIC's status as an urban public institution drives the college's interest in engaging urban issues and providing access to excellence in the arts and design to diverse audiences.

From this setting, the college also advances a global agenda: to break ground in the arts and arts research and to generate new knowledge, informed by both historical precedent and the use of new technologies for expression and instruction. The College of Architecture, Design, and the Arts extends the traditional boundaries of research and practice in order to meet the challenges of a changing economy. Faculty and students alike realize that the next generation of graduates must be equipped to operate creatively and knowledgeably in a broadening cultural arena and to think with an international perspective. To that end, the college has attracted a number of internationally recognized faculty and developed student exchange programs in Argentina, Austria, Brazil, Canada, France, Germany, Hong Kong, Italy, The Netherlands, Mexico, Russia, Sweden, and Switzerland.

The College of Architecture, Design, and the Arts is composed of the School of Architecture, the School of Art, the Department of Art History and Museum and Exhibition Studies, the School of Design, and the School of Theatre & Music, as well as the Jane Addams Hull-House Museum, a National Historic Landmark and museum committed to social justice, Gallery 400, a dynamic, cutting edge contemporary art gallery, and the Innovation Center, which offers industry experience to students through interdisciplinary classes and labs. Curricula are offered in architecture, art, art education, art history, design, interdisciplinary education in the arts, acting, theatre, theatrical design, music, music performance, music business, music education, and jazz studies leading to the baccalaureate in those fields. The core of the architecture programs is the intensive development of design work and ideas in the studio, supported by courses in architectural theory and technology. Art and art history emphasize social and global awareness and contemporary conceptual inquiry through both visual and scholarly production. Located in the School of Art, the IDEAS (Interdisciplinary Education in the Arts) BA offers students a degree linking all the arts through practice-based learning with an emphasis on emerging technology. Design programs develop sophisticated form-making skills in order to produce designers adept at formulating and advocating ideas. The School of Theatre & Music provides innovative, rigorous, and comprehensive academic and performance programs as part of its diverse, urban context.

All work submitted by students for credit in any course in the college belongs to the Board of Trustees of the University of Illinois; the university reserves the right to retain, copyright, use, exhibit, reproduce, and publish any work so submitted.

For information on the College of Architecture, Design, and the Arts, visit the college's website.

Accreditation

Qualified graduates from the Bachelor of Science in Architecture program may apply for advanced standing in the school's professional Master of Architecture degree program, or at other accredited schools of architecture. The University of Illinois Chicago's Master of Architecture program is accredited by the National Architectural Accrediting Board (NAAB). Master's degree programs may consist of a preprofessional undergraduate degree and a professional graduate degree, which, when earned sequentially, comprise an accredited professional education. Although oriented to NAAB criteria, UIC's undergraduate preprofessional degree is not an accredited professional degree.

Degree Requirements

To earn a College of Architecture, Design, and the Arts degree from UIC, students need to complete university, college, and department/school degree requirements. University and college degree requirements for all College of Architecture, Design, and the Arts students are outlined below. Students should consult their department or school section for additional degree requirements.

Semester Hour Requirement

The College of Architecture, Design, and the Arts semester hour requirement varies by degree program.

Major	School	Degree Conferred	Total Hours
Acting	Theatre & Music	BFA in Acting	120
Architecture	Architecture	BS in Architecture	122
Architectural Studies	Architecture	BA in Architectural Studies	120
Art	Art	BFA in Art	129
Art Education	Art	BFA in Art Education	132–133

Art History	Art History & Museum and Exhibition Studies	BA in Art History	120
Design Studies	Design	BA in Design Studies	120
Graphic Design	Design	BDes in Graphic Design	132
Industrial Design	Design	BDes in Industrial Design	132
Interdisciplinary Education in the Arts	Art	BA in Interdisciplinary Education in the Arts	120
Music	Theatre & Music	BA in Music	120
Music—Jazz Studies	Theatre & Music	BMus in Jazz Studies	120
Music—Performance	Theatre & Music	BMus in Performance	120
Music Business	Theatre & Music	BA in Music Business	120
Music Education	Theatre & Music	BMus in Music Education	122
Theatre and Performance	Theatre & Music	BA in Theatre and Performance	120
Theatre Design, Production, and Technology	Theatre & Music	BA in Theatre Design, Production, and Technology	120

Course Requirements

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. Students are required to complete a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog. Information on meeting the General Education Core requirements for each degree program is provided in the College of Architecture, Design, and the Arts school sections.

General Education Proficiencies—University Writing Requirement

College of Architecture, Design, and the Arts students meet the requirement by achieving a passing grade in ENGL 160 and ENGL 161.

UIC First Year Dialogue Seminar

The College of Architecture, Design, and the Arts requires all new incoming freshmen in the college to complete DLG 120. DLG 120 is an 8-week, 1-semester-hour course focusing on diversity and dialogue.

Foundation Course Requirements

Each school and department in the college has a different set of foundation and major course requirements. Students must fulfill all the foundation and major course requirements outlined for their degree program.

Other Requirements

Course Level Requirement

Each school or department in the College of Architecture, Design, and the Arts has specific upper-level requirements for their degree programs. Students should consult the individual unit for details on required 200-, 300-, or 400-level coursework.

Coursework Limitations

Coursework that duplicates previous credit does not count toward graduation, unless the course is indicated as repeatable in the undergraduate course catalog. Students should consult with their college academic advisor regarding repeatable credit. No credit is given for a course in which a failing grade is received.

Credit earned in ENGL 060 and MATH 088 will not fulfill college degree requirements.

Credit earned in MATH 121 (or below) will not fulfill graduation requirements for the Bachelor of Science in Architecture degree. MATH 110 (or below) will not fulfill the graduation requirements for the Bachelor of Arts in Architectural Studies degree.

Students whose placement test results require taking several courses that carry no graduation credit should plan on additional terms of enrollment to complete the required curriculum. All courses are included, however, for determining a student's full-time/part-time status; for computing cumulative grade point averages (except for 000-level courses); and in determining academic notice, dismissal, and Dean's List statuses.

Elective Credit

The university, college, school, and department degree requirements may not provide all the hours required for graduation. The remaining credits are completed through elective courses, whose careful selection should serve to enrich students' knowledge and understanding. Elective courses should always be chosen for educational ends and not for the sake of convenience.

Full-Time Enrollment

Students in the college are expected to carry a full-time load in order to make satisfactory progress toward their degree. Students should consult with their academic advisor if they enroll in a part-time schedule to determine their degree progress and projected graduation date.

Grade Point Average (GPA) Requirement

College of Architecture, Design, and the Arts students cannot graduate with less than a 2.00/4.00 GPA in all work taken at UIC, in all work taken in the major field, and in all work accepted for transfer by the university (transfer work plus work taken at UIC).

Graduation Declaration/Filing to Graduate

Students who are within two terms of graduation should contact the Office of Student Affairs for a complete check of their progress toward the degree. A diploma cannot be ordered until a student has completed this graduation check.

Students declare their intent to graduate online using my.UIC. The deadline for submission to the Pending Degree List is the end of the third week (fall and spring) or second week (Summer Session 2) of the term in which graduation is sought. Failure to submit the request at this time may delay the awarding of the degree. A final review will be made following the close of the term. If a student has satisfactorily completed all the degree requirements, the student's name will be placed on the official degree list.

Enrollment Residence Requirement

Either the first 90 or last 30 semester hours of degree work must be completed in continuous, uninterrupted enrollment residence at UIC. Concurrent attendance at the University of Illinois Chicago and another collegiate institution or enrollment during the summer at another institution, when approved by the student's college, does not interrupt the UIC enrollment residence requirement for graduation. Students who transfer from an accredited community college must earn at least 60 semester hours at an approved four-year institution and must meet the enrollment residence requirement of earning the last 30 semester hours at UIC.

Transfer Credit

The UIC foundation year is required for students in Art BFA and Art Education, which may affect the length of enrollment at UIC.

No more than 60 semester hours (90 quarter hours) of credit may be accepted as transfer work from a community or junior college. Transfer students should consult with an advisor in the CADA Office of Student Affairs to discuss transfer credit, by emailing cadainfo@uic.edu. All final acceptance of transfer credit will be determined by the the college upon review of recommendations by the school or department.

Transfer Credit for Continuing Students

Continuing students in the College of Architecture, Design, and the Arts must submit a petition to the Office of Student Affairs in order to take courses at other universities for credit toward the baccalaureate degree.

College Policies

Academic Load

During the fall and spring semesters, a full-time program is from 12 to 18 hours. Above 18 semester hours is considered an overload and may only be taken if a student has a UIC Cumulative GPA of 2.75 or higher, is in good academic standing, and is recommended by a school or department advisor and approved in the CADA Office of Student Affairs. For Summer Session 1 (Four-Week) and Summer Session 2 (Eight-Week), UIC considers a total aggregate of 6 semester hours as the minimum number necessary to constitute full-time enrollment, and a program of more than 14 hours must be approved.

Academic Notice and Dismissal Rules

Deficit Points and Academic Recovery

To better understand academic notice, dismissal, and academic recovery, it is important to understand deficit points. Students who have earned a UIC total GPA below a 2.00 will have negative deficit points. Deficit points are calculated as follows: multiply the number of semester hours for each course taken by the points for the grade received, A=+2, B=+1, C=0, D=-1, F=-2. Add the points for each course taken during the semester. The total equals the deficit points used to determine academic notice and dismissal. For every negative deficit point earned, an equivalent in positive points must be earned to offset the negative, returning the GPA to 2.00, and good academic standing. As an example, students with a -14 deficit would need a subsequent semester of 14 semester hours of B grades, with nothing less than a C in order to return to good standing. A personalized degree audit found in uAchieve details academic deficit, semester, and total GPAs.

Term Notice Rules

1. A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning.

A student on term notice who earns a UIC Term GPA of at least 2.00/4.00 will be removed from term notice.

Academic Notice Rules

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.00/4.00. This rule applies even for the student with a cumulative GPA of 2.00/4.00 or higher. For such a student, academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with cumulative GPA lower than 2.00/4.00.
3. A student readmitted by petition may be placed on academic notice when admitted with a UIC GPA lower than 2.00/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.00/4.00.

A student on academic notice who earns a GPA of at least 2.00/4.00 in a given term will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC course work must also be at least a 2.00/4.00.

A student currently on academic notice will be continued on academic notice when the one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the student's transfer credit and UIC course work to at least 2.00/4.00.

The dean of the student's college determines the conditions of academic notice. In addition to specifying the GPA, the dean may require the completion of specific courses, may limit the number of hours for which the student registers, and a may exclude the student from taking certain courses while on academic notice.

Dismissal Rules[a]

1. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the grade point average

required by the academic notice and in which the cumulative GPA in courses taken at UIC is less than 2.00/4.00.

2. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the GPA required by the academic notice and in which the combined transfer and UIC grade point average is less than 2.00/4.00.
3. A student who fails to make progress toward a degree may be dismissed. Examples include failure to complete required courses, accumulation of an excessive number of Incomplete grades, failure to earn credit in any semester, failure to maintain a C average in the major discipline.
4. In addition to the term notice, academic notice, and dismissal rules above, a college or a school may impose criteria for dismissing a student from a curriculum or college without prior academic standing of term notice or academic notice, may impose other terms of term notice or academic notice, and may specify a minimum lapse of time between a dismissal action and consideration of a petition for readmission. The dismissal rules may be waived when, in the judgment of the student's college, the student's overall record warrants such action.

Readmission to UIC and the College of Architecture, Design, and the Arts is only possible if students can show new evidence of academic success. Students may make an appointment with their advisor to discuss readmission only after submission of a carefully prepared petition with justification why readmission should be granted. Petitions must be received at least two weeks prior to the start date of the semester for which students wish to be readmitted. Petitions received after that time will be considered for readmission for the following term.

a *In other university publications Dismissal Rules are sometimes referred to as Drop Rules. Term Notice and Academic Notice may be referred to as Probation.*

Change of Course Schedule—Dropping Courses

Undergraduate students may drop courses using my.UIC through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript. Undergraduate students may drop a maximum of 4 UIC individual courses that result in a W notation on their transcript during their entire undergraduate degree program. College of Architecture, Design, and the Arts students must complete a request form in the Office of Student Affairs.

Change of Degree

Students wishing to change degrees within the college should reach out to the Office of Student Affairs by emailing cadainfo@uic.edu. New students (incoming students who have not yet started coursework) should complete a petition, and continuing students (those who have completed at least one semester of coursework) should complete an intercollege application form.

Class Attendance

Students are expected to attend all lectures, discussions, and laboratory/studio sessions. Faculty may establish minimum attendance requirements and penalties for nonattendance.

Closed Courses

No student may be admitted to a closed course in the college unless the director or chairperson has approved an increase in capacity, which is often restricted by educational policies, budget, and maximum room capacities.

Course Prerequisites

Course prerequisites are listed in both the Undergraduate Catalog and the semester Schedule of Classes. A prerequisite may be waived, if evidence is provided that the student is adequately prepared to pursue the subject area.

Credit/No Credit Option

Students may elect to take a course under the credit/no credit option according to the following provisions:

1. The student must be in good standing. Students on academic notice or whose status is undetermined at the time in which they elect the option are not eligible.
2. A maximum of 21 semester hours of credit may be earned at UIC under the credit/no credit option. If a student withdraws from a credit/no credit course before the end of the last day of instruction in the tenth week of the term, the semester hours the course carries will not count toward the total of 21 authorized.
3. No more than one course per term may be taken under this option.
4. This option may not be used in any course required for the major or a minor, including prerequisite and collateral courses. This includes any course specifically listed by rubric or course number as a requirement in a student's curriculum.
5. Under certain conditions, electives may be taken under credit/no credit; courses being used for specific graduation requirements (such as art history electives) must be taken for a letter grade. For specific credit/no credit rules for prerequisite and collateral courses, please see an advisor.
6. This option may not be used for ENGL 160 and ENGL 161.
7. Students may not use credit/no credit to satisfy foreign language requirements in college programs requiring one- or two-year sequences.
8. The credit/no credit option cannot be revoked after the close of the tenth day of instruction in the term.
9. Instructors are not informed that the option has been elected but assign a letter grade in the usual manner.
10. For courses taken under the credit/no credit option, a grade of CR is recorded on the transcript if a letter grade of A, B, C, or D is earned. If the letter grade F is assigned, an NC is entered on the transcript. I and DF grades are replaced by CR or NC upon completion of the courses or converted to NC if the course completion deadline for an I is not met.
11. The grades of CR and NC are not used in the computation of the grade point average. It is the responsibility of the student to determine eligibility under the credit/no credit option.
12. Students must apply at their college office no later than the tenth day of the term (first Wednesday of Summer Session 1 or first Friday of

Summer Session 2) to have a course designated for credit/no credit grading option.

13. Students with questions concerning their eligibility should make an appointment with a college advisor.

Declaring a Degree

While a student may begin taking courses in the degree at any time, a student must declare a degree no later than the completion of 60 semester hours. To declare a degree, the student should consult their academic advisor.

Double Major, Double Degrees, and Second Bachelor's Degree

Double Major

This option is not available in the College of Architecture, Design, and the Arts.

Double Degrees

A student may receive two degrees concurrently from the College of Architecture, Design, and the Arts. The student must complete a minimum of 30 semester hours of credit beyond the requirements of the first degree in courses not offered for the first degree. The student must additionally meet all the requirements for the second degree specified by the college and the major. Students seeking double degrees should contact the appropriate school or department for a curriculum evaluation and then make a declaration for double degrees in the college office.

Second Bachelor's Degree

Students who have already earned a bachelor's degree from UIC or another institution may receive a second bachelor's degree from the College of Architecture, Design, and the Arts with the exception of degree programs in the School of Architecture. Students seeking a second bachelor's degree must formally apply to the program. The student must complete a minimum of 30 semester hours of credit beyond the requirements of the first degree in courses not offered for the first degree. The student must additionally meet all the requirements for the second degree.

Full-Time Enrollment

Students in the college are expected to carry a full-time load in order to make satisfactory progress toward their degree. Students should consult with their academic advisor if they enroll part-time to determine the consequences to their degree program and projected graduation date.

Graduate-Level Courses for Undergraduate Credit

With school or department approval, an undergraduate student may enroll in a course in the Graduate College (500-level) for undergraduate elective credit. Students should obtain approval prior to enrollment.

Students should understand, however, that graduate courses do not automatically apply toward an undergraduate degree. Additionally, graduate-level courses taken by an undergraduate student are generally not applicable toward a graduate degree.

Petition Procedure

Any rule, regulation, or action of the college may be appealed through the use of a student petition. It is the student's responsibility to obtain all necessary approvals on the form before submitting it to the Office of Student Affairs for review. Turning in the form does not guarantee approval of the request. Students will be notified of a decision, but they should inquire about the status of their petition after ten working days. Students should contact their CADA academic advisor for more information.

Proficiency Examinations

Students interested in earning proficiency credit should contact the school or department directly for information concerning eligibility. A student who earns proficiency credit is given the amount of credit toward graduation regularly allowed in the course. Proficiency credit is not considered an interruption of enrollment residence for graduation, nor does it apply toward satisfying the minimum requirement of the degree if the last 30 semester hours must be earned in enrollment residence.

Registration Approval

Students must consult with an academic advisor for registration. An advising hold may be placed on each registration and will only be released upon verification of semester advising.

Repeat Policy for Standard Graded Courses

Students may repeat a course to increase their knowledge of the subject matter. There are circumstances under which repeating a course is advisable and to a student's advantage. There are also circumstances where repeating a course may disadvantage a student and narrow a student's options. Some colleges require students to discuss any plan to repeat a course with their academic advisor before they register to repeat the course.

Courses with A or B grades may not be repeated. Normally, courses with a C grade may not be repeated. Courses with D or F grades may be repeated once without written permission. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. The original grade and the grade for each repeat will be calculated into the grade point average.

Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once requires written permission from the student's school director. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The semester hours associated with excluded course grades will not count towards graduation requirements.

- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Transferring

Intercollege Transfer Students

UIC students interested in admission to one of the degrees offered in the college must complete an intercollegiate application. All applicants must be in good standing, not on academic notice or undetermined status. Eligibility varies by department and school. Students should submit this application the semester prior to the intended start term. NOTE: Architecture and Design degree programs are only transferrable in fall semesters. For more information, students should contact cadainfo@uic.edu.

School	Minimum GPA
Architecture	2.75/4.00
Art	2.75/4.00
Art History & Museum and Exhibition Studies	2.75/4.00
Design	2.75/4.00
Theatre & Music	2.50/4.00

Admission to the college is selective and competitive and admissions standards are higher than the minimum grade point average requirement.

Transfer Students from Other Colleges and Universities

The minimum transfer grade point average for admission to the College of Architecture, Design, and the Arts varies with each school or department. All admission decisions are final due to the demand for space in all programs. Students should refer to the requirements listed for each program.

Department/School	Portfolio/Audition	Minimum GPA
Architecture	Portfolio required only for advanced placement in the BS in Architecture	2.75/4.00
Art	N/A	2.75/4.00
Art History & Museum and Exhibition Studies	N/A	2.75/4.00
Design	N/A	2.75/4.00
Theatre & Music	Audition required for Acting, Music, Music Business, Music Performance, Jazz Studies, and Theatre and Performance; Interview and Portfolio required for Theatre Design, Production, and Technology. In addition applicants to the BMus in Music Education will be interviewed and will perform musical selections for acoustic musicians, with submission of audio and score files for digital musicians.	2.50/4.00

School of Architecture: BS in Architecture. Students who have completed at least one full year of architectural design work at another university or college are eligible to apply for advanced placement in the School of Architecture. Applicants wishing to apply for advanced placement must submit a portfolio of design work to the academic advisor in the school. More information on the portfolio requirement is available online.

Advanced placement is a competitive process that is limited to spaces available in the level of program appropriate for the transfer student. Acceptance into the school does not guarantee advanced placement. Admission is not conditional upon an advanced placement decision. See the Office of Admissions Transfer Guide for more information about transfer admission requirements.

School of Architecture: BA in Architectural Studies. The program will admit undergraduate students having completed two years of college, either at UIC or at other institutions. In all transferrable coursework, applicants must earn a minimum cumulative grade point average of 2.75/4.00 and at least 60 semester hours at time of enrollment in order to be considered for admission. See the Office of Admissions Transfer Guide for more information about transfer admission requirements.

School of Art. The School of Art will require a portfolio review upon completion of the first-year program before placing into the Art and Art Education degrees. Please contact the school or CADA Academic Advisor regarding the dates, times, and policies for this review.

Department of Art History and Museum and Exhibition Studies. Admission to the Department of Art History and Museum and Exhibition Studies is selective and competitive; admissions standards are typically higher than the stated minimum grade point average. See the Office of Admissions Transfer Guide for more information about transfer admission requirements.

School of Design. Students who have taken art and design courses at a community college should be aware that these courses will be credited as electives only. The School of Design will require a portfolio review upon completion of the first-year program before entry into the Design Studies, Graphic Design and Industrial Design degrees. Portfolios will be reviewed in April, and students will be admitted into the major during the fall semester only. Please contact the school or CADA Academic

Advisor for information regarding the dates, times, and policies for this review. See the Office of Admissions Transfer Guide for more information about transfer admission requirements.

School of Theatre & Music. For advanced placement in the music and theatre programs, introductory music courses require a minimum grade of C and introductory theatre courses require a minimum grade of B. Acting, music, and theatre and performance majors require an audition. Also, music transfer students will be required to take a placement test in music theory to determine the correct level in which to place them. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

Transferring Out of the College

A student in the College of Architecture, Design, and the Arts who wants to transfer into another college must follow the new college's application procedure and meet the new college's requirements.

Minors

The College of Architecture, Design, and the Arts offers the following minors.

Minor	Department	Hours
Architectural Studies	Architecture	16
Art	Art	16
Art History	Art History & Museum and Exhibition Studies	17
Museum and Exhibition Studies	Art History & Museum and Exhibition Studies	15
Music	Theatre & Music	21
Theatre	Theatre & Music	18

Academic Advising

Advising Policy

Students in the college are recommended to see an academic advisor to complete registration and monitor progress to degree. Advisors may be contacted through iAdvise or cadainfo@uic.edu.

Academic Honors

College Honors

College Honors will be awarded at the time of graduation to students who have earned a GPA of at least 3.40/4.00 for all work presented for the degree, and who rank among the top 15 percent of the students graduating in the college.

Dean's List

Outstanding academic achievement in the College of Architecture, Design, and the Arts is recognized by inclusion on the Dean's List. Eligibility is based on a 3.50/4.00 term GPA with a program of 12 semester hours of letter grades in a regular semester or 8 semester hours of letter grades in the summer session. If any course is taken on a credit/no credit basis, a grade of CR must be earned.

School of Architecture

Contact Information:
Campus Location: 1300 Architecture and Design Studios Building (ADS)
(312) 996-3335
arch@uic.edu
arch.uic.edu

Administration:
Interim Director: David Brown
Director of Undergraduate Studies: Ania Jaworska
Undergraduate Academic Advisor: Maria Tolbert

BS in Architecture

The four-year Bachelor of Science in Architecture program provides a preprofessional education in architecture within the broader context of liberal arts courses provided by the university. The broad-based knowledge and skills provided by a liberal arts education assures graduates that they can adapt to the complex demands of a rapidly changing profession and environment.

The preprofessional degree is useful for those who want a foundation in the field of architecture as preparation for either continued education in a professional degree program or for employment options in architecturally related areas.

Qualified graduates from the BS in Architecture program may apply for advanced standing in a professional Master of Architecture degree program such as that offered at the University of Illinois Chicago or at other accredited schools of architecture. Graduates who do not choose to continue into a professional degree program may work in related architectural careers or apply for advanced degrees in landscape architecture, urban design and planning, law, public policy, history/theory of architecture, or business.

In the United States, most state registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit U.S. professional degree programs in architecture, recognizes two types of degrees: the Bachelor of Architecture and the Master of Architecture. For details on the graduate program, please refer to the School of Architecture website and the UIC Graduate and Professional Catalog.

Master's degree programs may consist of a preprofessional undergraduate degree and a professional graduate degree, which when earned sequentially comprise an accredited professional education. However, the preprofessional degree is not by itself recognized as an accredited degree.

BA in Architectural Studies

The Bachelor of Arts in Architectural Studies is an upper-level undergraduate major that uses architecture and related design practices as a lens through which to understand the history of ideas and cultural invention. In addition, it exposes students to the synthetic environment of the design studio, providing an introductory experience that some students may wish to pursue later in graduate education.

The program operates as a two-year junior and senior program. It will admit undergraduate students having completed two years of college, either at UIC or at other institutions. Students interested in the program who have not attained junior status will be enrolled in the College of Liberal Arts and Sciences until such time as they are ready to apply. Upon completion of the prerequisite coursework, they may apply to the program as intercollege transfer students. Admitted students will move as a cohort through the junior and senior year programs, graduating at the end of the two year program.

In addition to the understanding of contemporary architecture culture provided by the program's theory and history courses, students will gain design experience in two introductory studio courses, and thus have greater appreciation for the work and synthetic problem-solving methods that comprises design. The major has enough university elective offerings to enable students to pursue and potentially minor in other areas of interest.

The Bachelor of Arts in Architectural Studies program is designed to provide graduating students with everything they would need to prepare an application that would be favorably received by three year Master of Architecture (MArch) programs such as that offered by UIC. Graduates who do not choose to continue into a professional degree program may work in related architectural careers or apply for advanced degrees in landscape architecture, graphic or industrial design, urban design and planning, law, public policy, history/theory of architecture, or business.

Distinction

Distinction in architecture is awarded to students who qualify as described below.

- **Distinction:** A grade point average of at least 3.30/4.00 in all Architecture courses.
- **High Distinction:** A grade point average of at least 3.50/4.00 in all Architecture courses.
- **Highest Distinction:** A grade point average of at least 3.70/4.00 in all Architecture courses.

Study Abroad

The School of Architecture offers a select number of study abroad options. Further details are available from the School of Architecture.

Degree Programs

- BS in Architecture (p. 144)
- BA in Architectural Studies (p. 145)

Minor

- Minor in Architectural Studies (p. 146)

BS in Architecture

Program Codes:
20FR5046BS

Degree Requirements

To earn a Bachelor of Science in Architecture degree from UIC, students need to complete university, college, and school degree requirements. The School of Architecture degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts section for additional degree requirements and college academic policies. In addition to college and university GPA requirements, students must maintain a C average in studio each year.

Code	Title	Hours
Summary of Requirements		
Core Courses		92
Distribution Requirements		27
Additional Electives		2-3
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only) [a]	1
Total Hours		**122**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 2 hours of electives for the BS in Architecture. All other students complete 3 hours of electives for the BS in Architecture.*

Core Courses

The core courses in the curriculum provide a foundation in the discipline of architecture through the study of the visual and verbal languages of architectural form and the materials and techniques of architectural production. Courses in math and the natural sciences, art and architectural history, humanities, and the social sciences as well as the profession of architecture enable students to make rational decisions about career options relative to their personal strengths and weaknesses.

Code	Title	Hours
Required Courses		
ARCH 105	Architectural Studio 1	5
ARCH 106	Architectural Studio 2	5
ARCH 151	Architecture at Chicago	2
ARCH 205	Architectural Studio 3	5
ARCH 206	Architectural Studio 4	5
ARCH 251	Architectural Analysis	3
ARCH 252	Modern Architecture	3
ARCH 359	Architectural Technology 1	4
ARCH 360	Architectural Technology 2	4
ARCH 365	Architectural Studio 5	6
ARCH 366	Architectural Studio 6	6
ARCH 371	Architectural Theory 1	3
ARCH 372	Architectural Theory 2	3
ARCH 470	Structures I: Statics	3
ARCH 471	Structures II: Strength of Materials	3
ARCH 414	Contemporary Practices	3
ARCH 465	Advanced Topic Studio 1	6
ARCH 466	Advanced Topic Studio 2	6
MATH 180	Calculus I [a]	4
PHYS 131	Introductory Physics for Life Sciences I [a]	4
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
100- or 200-level Art History course [b]		3
Total Hours		**92**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *This course must be a course approved for the Understanding the Creative Arts General Education category.*

Distribution Requirements

Code	Title	Hours
Required Courses		
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Exploring World Cultures course [a]		3
Understanding U.S. Society course [a]		3
Three College electives		9
Liberal Arts and Sciences course(s)		6
Total Hours		**27**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*

Additional Electives

Code	Title	Hours
Electives		
Free Electives [a]		2-3
Total Hours		**2-3**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 2 hours of electives for the BS in Architecture. All other students complete 3 hours of electives for the BS in Architecture.*

UIC First Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**1**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
Fall Semester		
ARCH 105	Architectural Studio 1	5
ARCH 151	Architecture at Chicago	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Exploring World Cultures course		3
LAS Elective (choose any Liberal Arts and Sciences course)		3
	Hours	**16**
Spring Semester		
ARCH 106	Architectural Studio 2	5
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Understanding the Past course		3
Understanding U.S. Society course		3
	Hours	**14-15**
Sophomore Year		
Fall Semester		
ARCH 205	Architectural Studio 3	5
ARCH 251	Architectural Analysis	3
Understanding the Individual and Society course		3
100- or 200-level Art History course [a]		3
	Hours	**14**
Spring Semester		
ARCH 206	Architectural Studio 4	5
ARCH 252	Modern Architecture	3
PHYS 131	Introductory Physics for Life Sciences I	4
College elective		3
	Hours	**15**
Junior Year		
Fall Semester		
ARCH 365	Architectural Studio 5	6
ARCH 359	Architectural Technology 1	4
ARCH 371	Architectural Theory 1	3
MATH 180	Calculus I	4
	Hours	**17**
Spring Semester		
ARCH 366	Architectural Studio 6	6
ARCH 360	Architectural Technology 2	4
ARCH 372	Architectural Theory 2	3
College Elective		3
	Hours	**16**
Senior Year		
Fall Semester		
ARCH 465	Advanced Topic Studio 1	6
ARCH 414	Contemporary Practices	3
ARCH 470	Structures I: Statics	3
LAS Elective (choose any Liberal Arts and Sciences course)		3
	Hours	**15**
Spring Semester		
ARCH 466	Advanced Topic Studio 2	6
ARCH 471	Structures II: Strength of Materials	3
College Elective		3
Elective (choose any course offered at UIC)		3
	Hours	**15**
	Total Hours	**122**

a *This course must be a course approved for the Understanding the Creative Arts General Eduation category.*

BA in Architectural Studies

Program Codes:
20FR0146BA

Degree Requirements

To earn a Bachelor of Arts in Architectural Studies degree from UIC, students need to complete university, college, and school degree requirements. The School of Architecture degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Pre-Architectural Studies		60
Architectural Studies		60
Total Hours		**120**

Pre-Architectural Studies

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
AH 110	World History of Art and the Built Environment I [a]	4
AH 111	World History of Art and the Built Environment II [a]	4
Analyzing the Natural World course [b]		3-5
Understanding the Past course [b]		3
Exploring World Cultures course [b]		3
Understanding U.S. Society course [b]		3
ARCH 200	Architecture and Society [a,c]	4
MATH 121	Precalculus Mathematics	5
University Electives [d]		23-25
Total Hours		**60**

a *This course is approved for the Understanding the Creative Arts General Education category.*

b *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*

c *This course is approved for the Understanding the Individual and Society General Education category.*

d *Choose any course at UIC, approximately eight courses total, depending on credit value of 3–5 hours per course*

Architectural Studies

Code	Title	Hours
Required Courses		
ARCH 105	Architectural Studio 1	5
ARCH 106	Architectural Studio 2	5
ARCH 151	Architecture at Chicago	2
ARCH 251	Architectural Analysis	3
ARCH 252	Modern Architecture	3
ARCH 371	Architectural Theory 1	3
ARCH 372	Architectural Theory 2	3
ARCH 414	Contemporary Practices	3
ARCH 440	Digital Design and Fabrication	3
ARCH 499	Special Topics	3
Two Art History Electives (200-level or higher)		6
Arts Elective (select any art, design, music, or theatre course)		3
LAS Elective (select any Liberal Arts and Sciences courses)		3
LAS English Elective (select any English course in drama, film, fiction, U.S. culture, or popular genres)		3
University Electives (select any courses at UIC to reach a minimum of 12 semester hours)		12
Total Hours		**60**

Sample Course Schedule—Architectural Studies

Course	Title	Hours
Junior Year		
Fall Semester		
ARCH 105	Architectural Studio 1	5
ARCH 151	Architecture at Chicago	2
ARCH 251	Architectural Analysis	3
Art History Elective (200-level or higher)		3
English Elective		3
	Hours	**16**
Spring Semester		
ARCH 106	Architectural Studio 2	5
ARCH 252	Modern Architecture	3
Arts Elective (choose any art, design, music, or theatre course)		3
University Elective (choose any course at UIC) [a]		3
	Hours	**14**
Senior Year		
Fall Semester		
ARCH 371	Architectural Theory 1	3
ARCH 414	Contemporary Practices	3
ARCH 440	Digital Design and Fabrication	3
University Elective (choose any course at UIC) [a]		3
University Elective (choose any course at UIC) [a]		3
	Hours	**15**
Spring Semester		
ARCH 372	Architectural Theory 2	3
ARCH 499	Special Topics	3
Art History Elective (200-level or higher)		3
LAS Elective (choose any Liberal Arts and Sciences course)		3
University Elective (choose any course at UIC) [a]		3
	Hours	**15**
	Total Hours	**60**

a *To meet prerequisites for many MArch programs, the University Electives should include: MATH 180 and PHYS 131.*

Minor in Architectural Studies

Requirements for the Minor

The Minor in Architectural Studies is a 16-semester-hour sequence of five architecture lecture/seminar courses that provides an understanding of the history of ideas and cultural invention through study of architecture and related design practices.

Code	Title	Hours
Required Courses		
ARCH 200	Architecture and Society	4
ARCH 252	Modern Architecture	3
ARCH 371	Architectural Theory 1	3
ARCH 372	Architectural Theory 2	3
ARCH 414	Contemporary Practices	3
Total Hours		**16**

Admissions Requirement

A student who has completed ARCH 200, a course that is open to all UIC undergraduates, with a grade of C or better can declare their intent to

minor in Architectural Studies by completing and turning in an intent form to the architecture undergraduate advisor in the College of Architecture, Design, and the Arts Office of Student Affairs.

Minimum GPA Requirement

Students must earn a minimum GPA of 2.00/4.00 in minor coursework to earn the minor.

Residency Requirement

All of the courses are currently offered by and would need to be completed at the School of Architecture.

School of Design

Contact Information:
Campus Location: 1300 Architecture and Design Studios (ADS)
(312) 996-2611
design@uic.edu
mdes@uic.edu
design.uic.edu

Administration:
Director: Anne H. Berry
Director of Student Academic Affairs, School of Architecture and School of Design: Gwen Fullenkamp
Coordinator of Academic Programs and Student Services: Kevin Strickland
Undergraduate Academic Advisor: Lily Baker
Undergraduate Academic Advisor: Raul Diaz
Associate Director Human/Business Resources: Annabelle K. Clarke
Associate Director Graphic Design: Sharon Oiga
Associate Director Industrial Design: Felicia Ferrone
Associate Director BS in Computer Science + Design: Daria Tsoupikova
Associate Director Design Studies: Robert Zolna

Grounded in studio-based instruction and deeply concerned with the human experience, UIC Design programs are organized to reflect and to advance developments in the field. Students develop formal, conceptual, and technical skills necessary to engage in contemporary design practice. Advanced students are provided opportunities to work collaboratively in interdisciplinary teams, often engaging with partners in community or industry. Through exposure to design practices, exhibitions, and critical observation, students experience Chicago as a global design center.

The School offers two undergraduate degrees: Bachelor of Design (BDes) and Bachelor of Arts in Design Studies (BA in Design Studies). The four-year BDes offers focused professional education in a specific discipline, either Graphic Design or Industrial Design. The BA in Design Studies offers a hands-on education in design practices that range from typographic forms and systems to design research methods, and the design requirements for the degree can be completed in three years. Curricula for both programs focus on critical contemporary challenges in the field and prepare students to engage the complex demands of a rapidly changing professional environment.

All UIC Design students participate in the Foundations Program. Students interested in pursuing the Bachelor of Design must complete the full Foundations Program, comprising six studio courses that introduce various techniques in two- and three-dimensional form-making and conceptual visualization in preparation for advanced design studies. Students in the Bachelor of Arts in Design Studies program participate partially in the Foundations Program, taking four studio courses that explore color theory and the use of analog and digital methods in design visualization.

Bachelor of Design

The UIC Bachelor of Design (BDes) offers a focused, studio-intensive professional education that prepares students for direct entry into professional practice in graphic design or industrial design and the related outgrowths of these disciplines in an expanding job market. Upon completion of the full Foundations Program students undergo a portfolio review in consideration for acceptance into a major area of study: Graphic Design or Industrial Design.

Graphic Design

Graphic design makes ideas visible. Instruction combines the art of typography with the skillful rendering of signs, symbols, and images. The practice of graphic design serves to communicate, distinguish, characterize, clarify, brand, instruct, guide, promote, and inform. Students learn to communicate visually—and compellingly—across print and digital media in the service of community, industry, and the greater good.

Industrial Design

Industrial design makes ideas tangible. Instruction combines conceptual and material articulation and fabrication of usable objects and systems. The practice of industrial design serves human needs and interests, in the form of user-centered, making-oriented, or conceptually motivated designs. Students learn to think critically about their intent to create an artifact or an experience, and are asked to understand and account for its potential consequences toward a lasting and positive effect on the world at large.

Bachelor of Arts in Design Studies

The Bachelor of Arts in Design Studies (BA in Design Studies) offers a hands-on education in a range of design practices. Centered on a sequence of core studio courses, the BA in Design Studies integrates skills and methods from graphic design, industrial design, design history and theory, and design research within the context of a research university in order to foster exploration across the sciences and humanities. The BA in Design Studies is ideal for students looking to study widely across the university while earning a foundational education in the material methods and practices of design as well as those learning to earn a second degree that will complement an education in the liberal arts and sciences. It is also well-suited for those who are seeking a design degree after already completing several semesters of higher education. Students interested in pursuing the BA in Design Studies participate partially in the Foundations Program and can apply directly to the degree program.

Degree Programs

- BDes in Graphic Design (p. 149)
- BDes in Industrial Design (p. 151)
- BA in Design Studies (p. 147)

BA in Design Studies

Program Codes:
20FR5744BA

Degree Requirements

To earn a Bachelor of Arts in Design Studies degree from UIC, students need to complete university, college, and school degree requirements. The degree requirements for the Bachelor of Arts in Design Studies are outlined below. Students should consult College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education and Core Requirements		30-32
Foundation Course Requirements		17
Design Studies Major Requirements		51
Electives		22
Total Hours		**120**

General Education and Core Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
AH 110	World History of Art and the Built Environment I [a]	4
AH 111	World History of Art and the Built Environment II [a]	4
Analyzing the Natural World course		4-5
Exploring World Cultures course		3
Understanding the Individual and Society course		3
Understanding the Past course		3
Understanding U.S. Society course		3
One additional General Education course in any category		0-3
Total Hours		**30-32**

a *Course fulfills the general education requirement in Understanding the Creative Arts.*

Foundation Course Requirements

Work completed during the Foundation Year will be reviewed in late April in consideration for full acceptance to the BA in Design Studies

Code	Title	Hours
Required Courses		
DES 110	Design Colloquium	1
DES 140	Design Drawing	4
DES 150	Digital Media Design I	4
DES 160	Design Photography	4
DES 170	Color Theory	4
Total Hours		**17**

Design Studies Major Requirements

Code	Title	Hours
Required Courses		
DES 208	Typography I: Form	4
DES 209	Typography II: Systems	4
DES 222	Human Experience in Design	4
DES 235	History of Design I: 1760-1925	3
DES 236	History of Design II: 1925 to the Present	3
DES 255	Integrative Design Studio I	4
DES 256	Integrative Design Studio II	4
DES 322	Design Research Methods	4
DES 355	Design Seminar	3
DES 357	Integrative Design Studio III	4
DES 458	Integrative Studio Project	4
DES 410	Senior Design Colloquium I	1
DES 411	Senior Design Colloquium II	1
Select one of the year-long professional practice track options:		8
DES 420 & DES 421	Professional Practice Project I and Professional Practice Project II	
DES 430 & DES 431	Interdisciplinary Product Development I and Interdisciplinary Product Development II	
DES 440 & DES 441	Design and Identity I and Design and Identity II	
DES 452 & DES 453	Information Aesthetics I and Information Aesthetics II	
Total Hours		**51**

Electives

Code	Title	Hours
Electives		
Select a minimum of 22 hours to reach a total of 120 semester hours.		22
Total Hours		**22**

Sample Course Schedule—BA in Design Studies

Course	Title	Hours
Freshman Year		
Fall Semester		
DES 110	Design Colloquium	1
DES 140	Design Drawing (Spring or Fall)	4
DES 150	Digital Media Design I (Spring or Fall)	4
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Understanding the Individual in Society General Education course		3
	Hours	**15**
Spring Semester		
DES 160	Design Photography (Spring or Fall)	4
DES 170	Color Theory (Spring or Fall)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Understanding the Past General Education course		3
	Hours	**14**

Sophomore Year		
Fall Semester		
AH 110	World History of Art and the Built Environment I	4
DES 208	Typography I: Form	4
DES 222	Human Experience in Design	4
Analyzing the Natural World General Education course		4
	Hours	**16**
Spring Semester		
AH 111	World History of Art and the Built Environment II	4
DES 209	Typography II: Systems	4
DES 322	Design Research Methods	4
Exploring World Cultures General Education requirement		3
	Hours	**15**
Junior Year		
Fall Semester		
DES 235	History of Design I: 1760-1925	3
DES 255	Integrative Design Studio I	4
Understanding U.S. Society General Education course		3
Elective (chosen in consultation with advisor)		3
Elective (chosen in consultation with advisor)		3
	Hours	**16**
Spring Semester		
DES 236	History of Design II: 1925 to the Present	3
DES 256	Integrative Design Studio II	4
Elective (chosen in consultation with advisor)		3
Elective (chosen in consultation with advisor)		3
Elective (chosen in consultation with advisor)		3
	Hours	**16**
Senior Year		
Fall Semester		
DES 355	Design Seminar	3
DES 357	Integrative Design Studio III	4
DES 410	Senior Design Colloquium I	1
DES 411	Senior Design Colloquium II	1
DES 420 or DES 430 or DES 440 or DES 452	Professional Practice Project I or Interdisciplinary Product Development I or Design and Identity I or Information Aesthetics I	4
Elective (chosen in consultation with advisor)		3
	Hours	**16**
Spring Semester		
DES 421 or DES 431 or DES 441 or DES 453	Professional Practice Project II or Interdisciplinary Product Development II or Design and Identity II or Information Aesthetics II	4
DES 458	Integrative Studio Project	4
Elective (chosen in consultation with advisor)		4
	Hours	**12**
	Total Hours	**120**

BDes in Graphic Design

Program Codes:
20FR0148BDES

Degree Requirements

To earn a Bachelor of Design in Graphic Design degree from UIC, students need to complete university, college, and school degree requirements. The Graphic Design degree requirements are outlined below. Students should consult College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies. A portfolio is not required for admission to the UIC School of Design. Work completed during the Design Foundation Year will be reviewed in late April in consideration for acceptance to the Bachelor of Design (BDes) in Graphic Design.

Code	Title	Hours
Summary of Requirements		
Foundation Course Requirements		25
General Education and Elective Courses		34
Graphic Design Major Requirements		59
Electives outside the School of Design		13-14
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only) [a]	1
Total Hours		**132**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 13 hours of electives for the BDes in Graphic Design. All other students complete 14 hours of electives for the BDes in Graphic Design.*

Foundation Course Requirements

Code	Title	Hours
Required Courses		
DES 110	Design Colloquium	1
DES 120	2D Form Studio	4
DES 130	3D Form Studio	4
DES 140	Design Drawing	4
DES 150	Digital Media Design I	4
DES 160	Design Photography	4
DES 170	Color Theory	4
Total Hours		**25**

General Education and Elective Courses [a]

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Understanding the Individual and Society course [a]		3
Understanding the Past course [a]		3
Analyzing the Natural World course [a,b]		4
Exploring World Cultures course [a]		3
Understanding U.S. Society course [a]		3
AH 110	World History of Art and the Built Environment I [c]	4
AH 111	World History of Art and the Built Environment II [c]	4
Art Elective		4
Total Hours		**34**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category. Students may choose a General Education course that falls below the recommended semester hour value for a particular category as long as the student*

reaches a total of 24 hours of General Education distributed across the six categories.

b *Students who select a course worth less than 4 hours from the Analyzing the Natural World list will need to take an additional General Education Core course as part of their electives.*

c *This course is approved for the Understanding the Creative Arts General Education category.*

Graphic Design Major Requirements

Code	Title	Hours
Required Courses		
DES 208	Typography I: Form	4
DES 209	Typography II: Systems	4
DES 220	Form and Image Studio	4
DES 250	Digital Media Design II	4
DES 251	Digital Media Design III: Motion Design	4
DES 308	Typography III: Expression	4
DES 309	Typography IV: Advanced Topics	4
DES 350	Digital Media Design IV: Advanced Topics	4
DES 410	Senior Design Colloquium I	1
DES 411	Senior Design Colloquium II	1
Select two of the following courses:		8
DES 420 & DES 421	Professional Practice Project I and Professional Practice Project II	
DES 430 & DES 431	Interdisciplinary Product Development I and Interdisciplinary Product Development II	
DES 440 & DES 441	Design and Identity I and Design and Identity II	
DES 452 & DES 453	Information Aesthetics I and Information Aesthetics II	
DES 480	Graphic Design Thesis I	4
DES 481	Graphic Design Thesis II	4
DES Elective		
DES 450	Advanced Topics in Design	3
or CS 426	Video Game Design and Development	
Art History Requirement for the Major:		
DES 235	History of Design I: 1760-1925	3
DES 236	History of Design II: 1925 to the Present	3
Total Hours		**59**

Electives Outside the School of Design

Code	Title	Hours
Electives		
Electives outside the School of Design [a]		13-14
Total Hours		**13-14**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 13 hours of electives for the BDes in Graphic Design. All other students complete 14 hours of electives for the BDes in Graphic Design.*

UIC First Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**1**

Sample Course Schedule—BDes Graphic Design

Course	Title	Hours
Freshman Year		
Fall Semester		
DES 110	Design Colloquium	1
DES 120	2D Form Studio (S or F)	4
DES 130	3D Form Studio (S or F)	4
DES 160	Design Photography (S or F)	4
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
	Hours	**16**
Spring Semester		
DES 140	Design Drawing (S or F)	4
DES 150	Digital Media Design I (S or F)	4
DES 170	Color Theory (S or F)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
	Hours	**15-16**
Sophomore Year		
Fall Semester		
AH 110	World History of Art and the Built Environment I	4
DES 208	Typography I: Form	4
DES 250	Digital Media Design II	4
DES 220	Form and Image Studio	4
	Hours	**16**
Spring Semester		
AH 111	World History of Art and the Built Environment II	4
DES 209	Typography II: Systems	4
DES 251	Digital Media Design III: Motion Design	4
Understanding the Individual and Society course		3
General Elective		3
	Hours	**18**
Junior Year		
Fall Semester		
DES 235	History of Design I: 1760-1925	3
DES 308	Typography III: Expression	4
DES 350	Digital Media Design IV: Advanced Topics	4
General Elective		4
Understanding the Past course		3
	Hours	**18**
Spring Semester		
DES 236	History of Design II: 1925 to the Present	3
DES 309	Typography IV: Advanced Topics	4
DES Elective		3
Analyzing the Natural World course		4
General Elective		3
	Hours	**17**
Senior Year		
Fall Semester		
DES 410	Senior Design Colloquium I	1

DES 411	Senior Design Colloquium II	1
DES 480	Graphic Design Thesis I	4
DES 420	Professional Practice Project I	4
or DES 430	or Interdisciplinary Product Development I	
or DES 440	or Design and Identity I	
or DES 452	or Information Aesthetics I	
General Elective		4
Exploring World Cultures course		3
	Hours	**17**
Spring Semester		
DES 481	Graphic Design Thesis II	4
DES 421	Professional Practice Project II	4
or DES 430	or Interdisciplinary Product Development I	
or DES 440	or Design and Identity I	
or DES 452	or Information Aesthetics I	
ART Elective		4
Understanding U.S. Society course		3
	Hours	**15**
	Total Hours	**132**

BDes in Industrial Design

Program Codes:
20FR0152BDES

Degree Requirements

To earn a Bachelor of Design in Industrial Design degree from UIC, students need to complete university, college, and school degree requirements. The Industrial Design degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies. A portfolio is not required for admission to the UIC School of Design. Work completed during the Design Foundation Year will be reviewed in late April in consideration for acceptance to the Bachelor of Design (BDes) in Industrial Design.

Code	Title	Hours
Summary of Requirements		
Foundation Course Requirements		25
General Education and Elective Courses		30
Industrial Design Major Requirements		63
Electives outside of the School of Design		13-14
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only) [a]	1
Total Hours		**132**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 13 hours of electives for the BDes in Industrial Design. All other students complete 14 hours of electives for the BDes in Industrial Design.*

Foundation Course Requirements

Code	Title	Hours
Required Courses		
DES 110	Design Colloquium	1
DES 120	2D Form Studio	4
DES 130	3D Form Studio	4
DES 140	Design Drawing	4
DES 150	Digital Media Design I	4
DES 160	Design Photography	4
DES 170	Color Theory	4
Total Hours		**25**

General Education and Elective Courses

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Understanding the Individual and Society course [a]		3
Analyzing the Natural World course [a,b]		4
Understanding the Past course [a]		3
Exploring World Cultures course [a]		3
Understanding U.S. Society course [a]		3
AH 110	World History of Art and the Built Environment I [c]	4
AH 111	World History of Art and the Built Environment II [c]	4
Total Hours		**30**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category. Students may choose a General Education course that falls below the recommended semester hour value for a particular category as long as the student reaches a total of 24 hours of General Education distributed across the six categories.*

b *Students who select a course worth less than 4 hours from the Analyzing the Natural World list will need to take an additional General Education Core course as part of their electives.*

c *This course is approved for the Understanding the Creative Arts General Education category.*

Industrial Design Major Requirements

Code	Title	Hours
Required Courses		
DES 222	Human Experience in Design	4
DES 230	Industrial Design II	4
DES 231	Industrial Design III	4
DES 240	Visualization I	4
DES 241	Visualization II	4
DES 322	Design Research Methods	4
DES 326	Materials and Methods	4
DES 330	Industrial Design IV	4
DES 331	Industrial Design V	4
DES 410	Senior Design Colloquium I	1
DES 411	Senior Design Colloquium II	1
DES 470	Industrial Design Thesis I	4
DES 471	Industrial Design Thesis II	4
Select two of the following courses:		8
DES 420 & DES 421	Professional Practice Project I and Professional Practice Project II	

DES 430 & DES 431	Interdisciplinary Product Development I and Interdisciplinary Product Development II	
DES 440 & DES 441	Design and Identity I and Design and Identity II	
DES 452 & DES 453	Information Aesthetics I and Information Aesthetics II	
DES Elective		
DES 450	Advanced Topics in Design	3
or CS 426	Video Game Design and Development	
Art History Requirement for the Major		
DES 235	History of Design I: 1760-1925	3
DES 236	History of Design II: 1925 to the Present	3
Total Hours		**63**

Electives Outside of the School of Design

Code	Title	Hours
Electives		
Electives outside the School of Design		13-14
Total Hours		**13-14**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 13 hours of electives for the BDes in Industrial Design. All other students complete 14 hours of electives for the BDes in Industrial Design.*

UIC First Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**1**

Sample Course Schedule—BDes Industrial Design

Course	Title	Hours
Freshman Year		
Fall Semester		
DES 110	Design Colloquium	1
DES 120	2D Form Studio (S or F)	4
DES 130	3D Form Studio (S or F)	4
DES 160	Design Photography (S or F)	4
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
	Hours	**16**
Spring Semester		
DES 140	Design Drawing (S or F)	4
DES 150	Digital Media Design I (S or F)	4
DES 170	Color Theory (S or F)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
	Hours	**15-16**
Sophomore Year		
Fall Semester		
AH 110	World History of Art and the Built Environment I	4
DES 230	Industrial Design II	4
DES 222	Human Experience in Design	4
DES 240	Visualization I	4
	Hours	**16**
Spring Semester		
AH 111	World History of Art and the Built Environment II	4
DES 231	Industrial Design III	4
DES 241	Visualization II	4
Understanding the Individual and Society course		3
Elective		3
	Hours	**18**
Junior Year		
Fall Semester		
DES 235	History of Design I: 1760-1925	3
DES 330	Industrial Design IV	4
DES 326	Materials and Methods	4
General Elective		3
Analyzing the Natural World		4
	Hours	**18**
Spring Semester		
DES 236	History of Design II: 1925 to the Present	3
DES 331	Industrial Design V	4
DES 322	Design Research Methods	4
DES Elective		3
Understanding the Past course		3
	Hours	**17**
Senior Year		
Fall Semester		
DES 410	Senior Design Colloquium I	1
DES 411	Senior Design Colloquium II	1
DES 470	Industrial Design Thesis I	4
DES 420 or DES 430 or DES 440 or DES 452	Professional Practice Project I or Interdisciplinary Product Development I or Design and Identity I or Information Aesthetics I	4
Exploring World Cultures course		3
General Elective		4
	Hours	**17**
Spring Semester		
DES 471	Industrial Design Thesis II	4
DES 421 or DES 431 or DES 441 or DES 453	Professional Practice Project II or Interdisciplinary Product Development II or Design and Identity II or Information Aesthetics II	4
Understanding U.S. Society course		3
General Elective		4
	Hours	**15**
	Total Hours	**132**

School of Theatre and Music

Contact Information:
Campus Location: Education, Theatre, Music, and Social Work Building (ETMSW), 1040 West Harrison Street
Main Office: L260
(312) 996-2977
theatreandmusic.uic.edu

Administration:
Director, Christine Mary Dunford
Head of Theatre, Yasen Peyankov
Head of Music, Brent C. Talbot

The School of Theatre and Music provides innovative, rigorous, and comprehensive academic and performance programs as part of its diverse, urban context. These programs develop practical knowledge, cultural sensitivity, intellectual resourcefulness, and imaginative daring in emerging artists and scholars. They connect students to Chicago's abundant, vibrant theatre culture and to the city's dynamic jazz and classical music networks.

The School of Theatre and Music offers programs leading to the Bachelor of Arts in Music; the Bachelor of Arts in Music Business; the Bachelor of Music in Performance; the Bachelor of Music in Jazz Studies; the Bachelor of Music in Music Education; the Bachelor of Arts in Theatre and Performance; the Bachelor of Arts in Theatre Design, Production, and Technology; and the Bachelor of Fine Arts in Acting.

Department of Music

BA in Music; BA in Music Business; BMus in Jazz Studies; BMus in Music Education; and BMus in Performance

The Music program curricula emphasize skills and knowledge that are fundamental to the diverse music discipline: music theory, music history, performance, aural and keyboard training, orchestration, composition, conducting, private study on a principal instrument, and ensemble participation. Core course requirements for all music degrees include two years of work in theory and aural skills, as well as course work in piano, music history and literature, analysis, digital music, and ethnomusicology. Beyond these, each of the four degrees includes requirements particular to its focus.

The program offers opportunities for private study in piano, voice, and orchestral and band instruments with some of Chicago's most outstanding artist-teachers. For students in Jazz Studies, the program provides private study, big band, and combo work with leading Chicago jazz artists. Students in the Music Business and Music Education degree programs graduate with practical work experience through participation in practicums with Chicago and national businesses, as well as Chicago Public Schools and various school districts and community partnerships.

An audition is required for admission to the BA in Music, BA in Music Business, BMus in Jazz Studies, and BMus in Performance. Applicants to the BMus in Music Education will be interviewed and will perform musical selections for acoustic musicians, with submission of audio and score files for digital musicians.

Many graduates pursue advanced degrees in music. Others find employment as performers, teachers, composers, and arts managers in a wide variety of settings.

Department of Theatre

BA in Theatre and Performance; BA in Theatre Design, Production, and Technology; and BFA in Acting

The Theatre program curricula emphasize a balance between history, theory and practice, and integrate traditional performance theories and forms with contemporary interdisciplinary performance practices. With a commitment to ensemble-based learning, the program fosters student exploration from originating impulse or idea to realization in course work, performance, and production. Students in all degrees take courses in acting, voice, movement, directing, and/or playwriting, history, and design in order to develop a broad understanding of the field. BA in Theatre and Performance degree students have the opportunity to take advantage of a wide range of courses across the discipline and then to focus work in general, performance or authorship (writing, devising, adapting, directing) tracks. Likewise, BA in Theatre Design, Production, and Technology degree students take courses across the discipline with a particular focus on theatre design or technology. Finally, BFA in Acting degree students pursue a structured course of study that focuses on developing the actor for professional work and training.

Students in all degrees are encouraged to actively participate in the department's productions in conjunction with their ongoing class work. Theatre degree students participate in the UIC's Mainstage season performances and student-generated projects under the direction and coaching of the theatre faculty and renowned guest artists, all of whom are highly regarded professional artists in their respective fields.

An audition, an interview, or a portfolio review is required for all degrees. A total of 120 semester hours is required for graduation. Some Theatre courses require grades of C or higher in courses listed as prerequisites. Please check the Course Descriptions for more information.

Degree Programs

- BA in Music (p. 153)
- BA in Music Business (p. 156)
- BMus in Performance (p. 158)
- BMus in Jazz Studies (p. 161)
- BMus in Music Education (p. 163)
- BA in Theatre and Performance (p. 165)
- BA in Theatre Design, Production, and Technology (p. 169)
- BFA in Acting (p. 171)

Minors

- Minor in Music (p. 173)
- Minor in Theatre (p. 173)

BA in Music

Program Codes:
20FR0265BA

Degree Requirements—Bachelor of Arts in Music

To earn a Bachelor of Arts in Music degree from UIC, students need to complete university, college, and school degree requirements. The School of Theatre & Music degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section of the Undergraduate Catalog for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education Requirements		24
Major Course Requirements		52-64
Electives		31-44
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only) [a]	1
Total Hours		**120**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 31–43 hours of electives for the BA in Music. All other students complete 32–44 hours of electives for the BA in Music.*

General Education Requirements

Code	Title	Hours
Required Courses [a]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Analyzing the Natural World course [b]		3-5
Understanding the Individual and Society course [b]		3
Understanding the Past course [b]		3
Understanding U.S. Society course [b]		3
Additional General Education Core courses from any category [b,c]		4-6
Total Hours		**24**

a *The Understanding the Creative Arts and Exploring World Cultures General Education requirements are met by courses within the major.*

b *Students should consult the* General Education *(*p. 86*) section of the catalog for a list of approved courses in this category.*

c *Students take two additional courses from any General Education category for a total of 4-6 hours to reach the required 24 hours in the General Education core.*

Major Course Requirements

For the BA in Music, 52–64 semester hours distributed as follows:

Code	Title	Hours
Required Courses		
MUS 101	Music Theory I	3
MUS 102	Music Theory II	3
MUS 103	Ear Training I	1
MUS 104	Ear Training II	1
MUS 110	Convocation/Recital [a]	0
MUS 111	Master Class in Performance [b]	0
MUS 170	Keyboard Skills I	2
MUS 171	Keyboard Skills II	2
MUS 201	Theory of Music III	3
MUS 202	Theory of Music IV	3
MUS 203	Ear Training III	1
MUS 204	Ear Training IV	1
MUS 223	Music Technology	3
MUS 230	History of Western Music I: Music of the Middle Ages and Renaissance	3
MUS 231	History of Western Music II: Music of the Baroque and Classical Periods	3
MUS 232	History of Western Music III: Music from Romanticism through the Present	3
MUS 227	Music Cultures of the World [c,d]	3
MUS 301	Analytic Techniques	3
Select one music elective from the following:		3
MUS 113	Art Song [c]	
MUS 114	Jazz History [c,e]	
MUS 115	Opera [c]	
MUS 117	Music for Symphony Orchestra [c]	
MUS 118	American Popular Music since 1850 [c,e]	
MUS 119	Music for the Piano [c]	
MUS 127	Latin American Music [c,d]	
MUS 240	Music, Gender and Culture [c,f]	
Select one music elective from the following:		3
MUS 300	Counterpoint	
MUS 302	Composing for Small Ensembles	
MUS 303	Composing for Large Ensembles	
MUS 304	Conducting	
MUS 306	Orchestration and Arranging I	
MUS 307	Orchestration and Arranging II	
MUS 312	Jazz Arranging I	
MUS 330	Advanced Topics in Music History and Ethnomusicology	
Ensemble Requirement: Students pursuing the Bachelor of Arts in Music must audition for ensemble placement each semester and enroll in a minimum of one ensemble during every term in which they are a degree student. Each area of applied study has specific ensemble requirements they must meet. See the student handbook for more details on ensembles requirements, auditions, and ensemble placement. [g]		4-8
MUS 150	Vocal Jazz Ensemble	
MUS 151	Concert Band	
MUS 152	Instrumental Ensembles	
MUS 153	University Choir	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
BA students must complete four terms of private study (30 minutes per week). Select 4 hours from the following: [g]		4
MUS 181	Private Instrumental Lessons-30 Minutes	
MUS 183	Private Vocal Lessons-30 Minutes	
Foreign language [i]		0-8
Total Hours		**52-64**

a *Students must register for MUS 110 for four terms.*

b *Students must register for MUS 111 for four terms concurrent with enrollment in private instrumental/voice lessons.*

c *This course is approved for the Understanding the Creative Arts General Education category.*

d *This course is approved for the Exploring World Cultures General Education category.*

e *This course is approved for the Understanding the Past General Education category. Students who apply MUS 114 to the Understanding the Past category need to fulfill the Understanding the Creative Arts category with another course.*

f *This course is approved for the Understanding the Individual and Society category. Students who apply MUS 240 to the Understanding*

the Individual and Society category need to fulfill the Understanding the Creative Arts General Education category with another course.

g *Vocalists must complete four hours of MUS 153, MUS 154, and/or MUS 155; wind and percussion students must complete four hours of MUS 151, MUS 157 and/or MUS 152; piano, classical guitar, and organ students must complete four hours of MUS 151, MUS 152, MUS 153, MUS 154, MUS 155 and/or MUS 157; string students must complete four hours of MUS 152 and/or MUS 157; jazz vocalists must complete four hours of MUS 150 and/or MUS 160; jazz instrumentalists must complete four hours of MUS 159 and/or MUS 160; digital music composition students must complete four hours of ensembles determined during advising. Remaining ensemble requirements can be fulfilled with other ensembles by approval of the department.*

h *Concurrent registration with an ensemble from the list above. A jury is required at the end of every term of private lessons.*

i *Students are required to complete two semesters of study in a language other than their language(s) of origin. Four semesters of language study are recommended. Students will consult with their faculty advisor about which language(s) may best prepare them for their future careers.*

Electives

Code	Title	Hours
Electives		
Electives to reach total hours [a]		31-44
Total Hours		**31-44**

a *New freshmen are required to complete DLG 120 for 1 hour. These students will complete 31–43 hours of electives for the BA in Music. All other students complete 32–44 hours of electives for the BA in Music.*

UIC First-Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**1**

Sample Course Schedule—Bachelor of Arts in Music

Course	Title	Hours
Freshman Year		
Fall Semester		
MUS 101	Music Theory I	3
MUS 103	Ear Training I	1
MUS 110	Convocation/Recital	0
MUS 170	Keyboard Skills I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign language		4
MUS 181 or MUS 183	Private Instrumental Lessons-30 Minutes or Private Vocal Lessons-30 Minutes	1
MUS 111	Master Class in Performance	0
Ensemble [a]		1
	Hours	**15**
Spring Semester		
MUS 102	Music Theory II	3
MUS 104	Ear Training II	1
MUS 110	Convocation/Recital	0
MUS 171	Keyboard Skills II	2
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign language		4
MUS 181 or MUS 183	Private Instrumental Lessons-30 Minutes or Private Vocal Lessons-30 Minutes	1
MUS 111	Master Class in Performance	0
Ensemble [a]		1
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
	Hours	**16**
Sophomore Year		
Fall Semester		
MUS 110	Convocation/Recital	0
MUS 201	Theory of Music III	3
MUS 203	Ear Training III	1
MUS 223	Music Technology	3
General Education Core course		5
MUS 181 or MUS 183	Private Instrumental Lessons-30 Minutes or Private Vocal Lessons-30 Minutes	1
MUS 111	Master Class in Performance	0
Ensemble [a]		1
	Hours	**14**
Spring Semester		
MUS 110	Convocation/Recital	0
MUS 202	Theory of Music IV	3
MUS 204	Ear Training IV	1
MUS 230	History of Western Music I: Music of the Middle Ages and Renaissance	3
Select one of the following:		3
MUS 113	Art Song	
MUS 114	Jazz History	
MUS 115	Opera	
MUS 117	Music for Symphony Orchestra	
MUS 119	Music for the Piano	
MUS 127	Latin American Music	
MUS 240	Music, Gender and Culture	
MUS 181 or MUS 183	Private Instrumental Lessons-30 Minutes or Private Vocal Lessons-30 Minutes	1
MUS 111	Master Class in Performance	0
Ensemble [a]		1
Elective		3
	Hours	**15**
Junior Year		
Fall Semester		
MUS 231	History of Western Music II: Music of the Baroque and Classical Periods	3
Advanced Elective—Select one of the following:		3
MUS 300	Counterpoint	
MUS 302	Composing for Small Ensembles	
MUS 303	Composing for Large Ensembles	
MUS 304	Conducting	
MUS 306	Orchestration and Arranging I	
MUS 307	Orchestration and Arranging II	
MUS 312	Jazz Arranging I	
MUS 330	Advanced Topics in Music History and Ethnomusicology	
Ensemble [a]		1
Electives		8
	Hours	**15**
Spring Semester		
MUS 232	History of Western Music III: Music from Romanticism through the Present	3

MUS 301	Analytic Techniques	3
Ensemble [a]		1
Electives		8
	Hours	**15**
Senior Year		
Fall Semester		
General Education Core course		3
General Education Core course		3
General Education Core course		3
Ensemble [a]		1
MUS 227	Music Cultures of the World	3
Electives		2
	Hours	**15**
Spring Semester		
General Education Core course		4
Ensemble [a]		1
Electives		10
	Hours	**15**
	Total Hours	**120**

a *Select one of the following: MUS 150, MUS 151, MUS 152, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, MUS 160.*

BA in Music Business

Program Codes:
20FR5484BA

Degree Requirements

To earn a Bachelor of Arts in Music Business degree from UIC, students need to complete university, college, and school degree requirements. The School of Theatre & Music degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education Requirements		24
Music Course Requirements		40
Music Selectives		17
Business Course Requirements		21
Electives		17-18
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**120**

General Education Requirements

Code	Title	Hours
Required Courses [a]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 160	Finite Mathematics for Business [b]	5
ECON 120	Principles of Microeconomics [c]	4
Understanding the Past course		3
Understanding U.S. Society course		3
Select an additional General Education course from any category.		3
Total Hours		**24**

a *Two required music courses are used to fulfill the General Education requirements in the Understanding the Creative Arts (3 hours) and Exploring World Cultures (3 hours) categories. See Music Course Requirements below.*

b *MATH 160 fulfills the General Education requirement in Analyzing the Natural World.*

c *ECON 120 fulfills the General Education requirement in the Understanding the Individual and Society category. Students who apply ECON 120 to the Understanding U.S. Society category must take another course fulfill the Understanding the Individual and Society category.*

Music Course Requirements

Code	Title	Hours
Required Courses		
MUS 101	Music Theory I	3
MUS 102	Music Theory II	3
MUS 103	Ear Training I	1
MUS 104	Ear Training II	1
MUS 110	Convocation/Recital (four terms)	0
MUS 111	Master Class in Performance (two terms)	0
MUS 118	American Popular Music since 1850 [a]	3
MUS 170	Keyboard Skills I	2
MUS 171	Keyboard Skills II	2
MUS 191	Commercial and Legal Foundations of the Music Industry	3
MUS 192	Music Industry Forum (2 semesters)	4
MUS 223	Music Technology	3
MUS 227	Music Cultures of the World [b]	3
MUS 390	Record Company Marketing and Operations	3
MUS 396	Music Publishing	3
MUS 397	Concert Promotion and Venue Management	3
MUS 395	Internship in Music Business	3
Total Hours		**40**

a *MUS 118 fulfills the General Education requirement in the Understanding the Creative Arts category. Students who apply MUS 118 to the Understanding the Past category instead must take another course to fulfill the Understanding the Creative Arts category.*

b *MUS 227 fulfills the General Education requirement in the Exploring World Cultures category. Students who apply MUS 227 to the Creative Arts category instead must take another course to fulfill the Exploring World Cultures category.*

Music Selectives

Note: Two required music courses fulfill the Understanding the Creative Arts and Exploring World Cultures General Education categories. Because a maximum of two courses from the major may be applied

to General Education, any Music Selective courses that carry General Education designations may not be applied toward General Education requirements.

Code	Title	Hours
Selective Courses		
Select three of the following:		9
MUS 113	Art Song	
MUS 114	Jazz History	
MUS 115	Opera	
MUS 116	The Science and History of Sound in the Arts	
MUS 117	Music for Symphony Orchestra	
MUS 119	Music for the Piano	
MUS 127	Latin American Music	
MUS 240	Music, Gender and Culture	
Four terms of ensembles [a]		4
MUS 150	Vocal Jazz Ensemble	
MUS 151	Concert Band	
MUS 152	Instrumental Ensembles	
MUS 153	University Choir	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
Four terms of private instrumental or voice lessons [b]		4
MUS 181	Private Instrumental Lessons-30 Minutes	
or MUS 183	Private Vocal Lessons-30 Minutes	
Total Hours		**17**

a *Ensemble courses may not be taken simultaneously for credit toward the degree.*

b *Concurrent with registration in an ensemble. A jury is required at the end of every term.*

Business Course Requirements

Code	Title	Hours
Required Courses		
ACTG 210	Introduction to Financial Accounting	3
ACTG 211	Introduction to Managerial Accounting	3
ACTG 355	Business Law I: Commercial Transactions	3
MGMT 340	Introduction to Organizations	3
MGMT 350	Business and Its External Environment	3
MKTG 360	Introduction to Marketing	3
Select one 300- or 400-level Marketing course		3
Total Hours		**21**

Electives

Code	Title	Hours
Electives		
Electives to reach total hours		17-18
Total Hours		**17-18**

UIC First-Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**1**

Sample Course Schedule

Course	Title	Hours
First Year		
Fall Semester		
DLG 120	UIC First-Year Dialogue Seminar	1
MUS 101	Music Theory I	3
MUS 103	Ear Training I	1
MUS 110	Convocation/Recital	0
MUS 170	Keyboard Skills I	2
MUS 181 or MUS 183	Private Instrumental Lessons-30 Minutes or Private Vocal Lessons-30 Minutes	1
MUS 191	Commercial and Legal Foundations of the Music Industry	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Ensemble [a]		1
	Hours	**15**
Spring Semester		
MUS 102	Music Theory II	3
MUS 104	Ear Training II	1
MUS 110	Convocation/Recital	0
MUS 171	Keyboard Skills II	2
MUS 181 or MUS 183	Private Instrumental Lessons-30 Minutes or Private Vocal Lessons-30 Minutes	1
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
ECON 120	Principles of Microeconomics	4
Ensemble [a]		1
	Hours	**15**
Second Year		
Fall Semester		
MUS 110	Convocation/Recital	0
MUS 111	Master Class in Performance	0
MUS 118	American Popular Music since 1850	3
MUS 181 or MUS 183	Private Instrumental Lessons-30 Minutes or Private Vocal Lessons-30 Minutes	1
ACTG 210	Introduction to Financial Accounting	3
MATH 160	Finite Mathematics for Business	5
Ensemble [a]		1
General Education course		3
	Hours	**16**
Spring Semester		
MUS 110	Convocation/Recital	0
MUS 111	Master Class in Performance	0
MUS 181 or MUS 183	Private Instrumental Lessons-30 Minutes or Private Vocal Lessons-30 Minutes	1
MUS 223	Music Technology	3
MUS 396	Music Publishing	3

ACTG 211	Introduction to Managerial Accounting	3
Ensemble [a]		1
Music Selective course		3
	Hours	**14**
Third Year		
Fall Semester		
MUS 227	Music Cultures of the World	3
MUS 390	Record Company Marketing and Operations	3
MKTG 360	Introduction to Marketing	3
Music Selective course		3
General Education course		3
	Hours	**15**
Spring Semester		
MUS 192	Music Industry Forum	2
MUS 397	Concert Promotion and Venue Management	3
ACTG 355	Business Law I: Commercial Transactions	3
MGMT 340	Introduction to Organizations	3
Music Selective course		3
General Education course		3
	Hours	**17**
Fourth Year		
Fall Semester		
MGMT 350	Business and Its External Environment	3
300- or 400-Level Marketing course		3
Electives		9
	Hours	**15**
Spring Semester		
MUS 192	Music Industry Forum	2
MUS 395	Internship in Music Business	3
Electives		8
	Hours	**13**
	Total Hours	**120**

a *Select one course from the following: MUS 150, MUS 151, MUS 152, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, MUS 160.*

BMus in Performance

Program Codes:
20FR5449BMUS

Degree Requirements—Bachelor of Music in Performance

To earn a Bachelor of Music in Performance degree from UIC, students need to complete university, college, and school degree requirements. An audition is also required to enter the major. The School of Theatre & Music degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section of the Undergraduate Catalog for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education Requirements		24
Major Course Requirements		77-79
Electives		16-19
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only) [a]	1
Total Hours		**120**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 16–19 hours of electives for the BMus in Performance. All other students complete 17–19 hours of electives for the BMus in Performance.*

General Education Requirements

Code	Title	Hours
Required Courses [a]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Analyzing the Natural World course [b]		3-5
Understanding the Individual and Society course [b]		3
Understanding the Past course [b]		3
Understanding U.S. Society course [b]		3
Additional General Education Core courses from any category [b,c]		4-6
Total Hours		**24**

a *The Understanding the Creative Arts and Exploring World Cultures General Education requirements are met by courses within the major.*

b *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses in this category.*

c *Students take two additional courses from any General Education category for a total of 4-6 hours to reach the required 24 hours in the General Education core.*

Course Requirements

For the Performance Major, 77–79 semester hours distributed as follows:

Code	Title	Hours
Required Courses		
MUS 101	Music Theory I	3
MUS 102	Music Theory II	3
MUS 103	Ear Training I	1
MUS 104	Ear Training II	1
MUS 110	Convocation/Recital [a]	0
MUS 201	Theory of Music III	3
MUS 202	Theory of Music IV	3
MUS 203	Ear Training III	1
MUS 204	Ear Training IV	1
MUS 170	Keyboard Skills I	2
MUS 171	Keyboard Skills II	2
MUS 270	Keyboard Skills III	2
MUS 271	Keyboard Skills IV	2
MUS 230	History of Western Music I: Music of the Middle Ages and Renaissance	3
MUS 231	History of Western Music II: Music of the Baroque and Classical Periods	3

MUS 232	History of Western Music III: Music from Romanticism through the Present	3
MUS 300	Counterpoint	3
MUS 301	Analytic Techniques	3
MUS 111	Master Class in Performance [b]	0
MUS 223	Music Technology	3
MUS 227	Music Cultures of the World [c,d]	3
Select two of the following:		6
MUS 113	Art Song [c]	
MUS 114	Jazz History [c,h]	
MUS 115	Opera [c]	
MUS 117	Music for Symphony Orchestra [c]	
MUS 119	Music for the Piano [c]	
MUS 240	Music, Gender and Culture [c,i]	
Select two of the following:		6
MUS 302	Composing for Small Ensembles	
MUS 303	Composing for Large Ensembles	
MUS 304	Conducting	
MUS 306	Orchestration and Arranging I	
MUS 307	Orchestration and Arranging II	
MUS 330	Advanced Topics in Music History and Ethnomusicology	
Ensemble Requirement: Students pursuing the BMus in Performance must audition for ensemble placement each semester and enroll in a minimum of one ensemble during every term in which they are a degree student, distributed as follows. Each area of applied study has specific ensemble requirements they must meet. See the student handbook for more details on ensemble requirements, auditions, and ensemble placement. [e]		6-8
Ensemble Requirement: Select four of the following:		
MUS 151	Concert Band	
MUS 153	University Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
Ensemble Requirement: Select two of the following:		
MUS 152	Instrumental Ensembles	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 160	Small Jazz Ensemble	
Ensemble Requirement: Select two hours of any ensemble, excluding MUS 156		
Select eight hours from the following:		8
MUS 180	Private Instrumental Lessons [f]	
MUS 182	Private Voice Lessons [f]	
Select six hours from the following:		6
MUS 280	Advanced Private Instrumental Lessons [g]	
MUS 282	Advanced Private Voice Lessons [g]	
Total Hours		**77-79**

a *Students must register for MUS 110 for four terms.*

b *Students must register for MUS 111 for four terms and perform in one master class in two of those terms.*

c *This course is approved for the Understanding the Creative Arts General Education category.*

d *This course is approved for the Exploring World Cultures General Education category.*

e *Vocalists must choose four hours of MUS 153 and two hours of MUS 154 or MUS 155; wind and percussion students must choose four hours between MUS 151 and MUS 159, and two hours between MUS 152 and MUS 160; piano, classical guitar, and organ students must complete two hours from MUS 152, and four hours of a large ensemble, excluding MUS 156; string students must choose four hours of MUS 157 and two hours of MUS 152.*

f *Students must register for MUS 180 or MUS 182 for at least four terms. Both courses require juries or half-recitals; a minimum grade of B is required to remain in the major.*

g *Students must register for MUS 280 or MUS 282 for two terms. Both courses require one jury and one full recital. A minimum grade of B in the first term is required to remain in the major.*

h *This course is approved for the Understanding the Past General Education category. Students who apply MUS 114 to the Understanding the Past category need to fulfill the Understanding the Creative Arts category with another course.*

i *This course is approved for the Understanding the Individual and Society category. Students who apply MUS 240 to the Understanding Individual and Society category need to fulfill the Understanding the Creative Arts General Education category with another course.*

Electives

Code	Title	Hours
Electives		
Electives to reach total hours [a]		16-19
Total Hours		**16-19**

a *New freshmen are required to complete DLG 120 for one hour. These students will complete 16–19 hours of electives for the BMus in Performance. All other students complete 17–19 hours of electives for the BMus in Performance.*

UIC First-Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**1**

Sample Course Schedule—Bachelor of Music in Performance

Course	Title	Hours
Freshman Year		
Fall Semester		
MUS 180	Private Instrumental Lessons	2
MUS 101	Music Theory I	3
MUS 103	Ear Training I	1
Ensemble		
Select one of the following:		1
MUS 151	Concert Band	
MUS 153	University Choir	
MUS 157	University Orchestras	

MUS 159	Jazz Ensemble	
MUS 110	Convocation/Recital	0
MUS 170	Keyboard Skills I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
General Education Core course		3
	Hours	**15**
Spring Semester		
MUS 180	Private Instrumental Lessons	2
MUS 102	Music Theory II	3
MUS 104	Ear Training II	1
MUS 110	Convocation/Recital	0
Ensemble		
Select one of the following:		1
MUS 151	Concert Band	
MUS 153	University Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 171	Keyboard Skills II	2
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
General Education Core course		3
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
	Hours	**15-16**
Sophomore Year		
Fall Semester		
MUS 180	Private Instrumental Lessons	2
MUS 110	Convocation/Recital	0
Ensemble		
Select one of the following:		1
MUS 151	Concert Band	
MUS 153	University Choir	
MUS 155	Treble Choir	
MUS 159	Jazz Ensemble	
MUS 201	Theory of Music III	3
MUS 203	Ear Training III	1
MUS 270	Keyboard Skills III	2
MUS 223	Music Technology	3
General Education Core course		5
	Hours	**17**
Spring Semester		
MUS 180	Private Instrumental Lessons	2
MUS 110	Convocation/Recital	0
MUS 202	Theory of Music IV	3
MUS 204	Ear Training IV	1
MUS 271	Keyboard Skills IV	2
MUS 230	History of Western Music I: Music of the Middle Ages and Renaissance	3
Ensemble		
Select one of the following:		1
MUS 151	Concert Band	
MUS 153	University Choir	
MUS 155	Treble Choir	
MUS 159	Jazz Ensemble	
Elective		3
	Hours	**15**
Junior Year		
Fall Semester		
MUS 111	Master Class in Performance	0
MUS 231	History of Western Music II: Music of the Baroque and Classical Periods	3
MUS 300	Counterpoint	3
Select one of the following:		3
MUS 113	Art Song	
MUS 114	Jazz History	
MUS 115	Opera	
MUS 117	Music for Symphony Orchestra	
MUS 119	Music for the Piano	
MUS 240	Music, Gender and Culture	
Ensemble		
Select one of the following:		1
MUS 152	Instrumental Ensembles	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 160	Small Jazz Ensemble	
Composition, Conducting, or Orchestration		
Select one of the following:		3
MUS 302	Composing for Small Ensembles	
MUS 303	Composing for Large Ensembles	
MUS 304	Conducting	
MUS 306	Orchestration and Arranging I	
MUS 307	Orchestration and Arranging II	
MUS 330	Advanced Topics in Music History and Ethnomusicology	
Elective		3
	Hours	**16**
Spring Semester		
MUS 111	Master Class in Performance	0
MUS 232	History of Western Music III: Music from Romanticism through the Present	3
MUS 301	Analytic Techniques	3
Ensemble		
Select one of the following:		1
MUS 152	Instrumental Ensembles	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 160	Small Jazz Ensemble	
One additional course chosen from Composition, Conducting, or Orchestration		3
Electives		4
	Hours	**14**
Senior Year		
Fall Semester		
MUS 111	Master Class in Performance	0
MUS 280	Advanced Private Instrumental Lessons	3
Ensemble		
Select one of the following:		1
MUS 151	Concert Band	
MUS 152	Instrumental Ensembles	
MUS 153	University Choir	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
General Education Core course		3
General Education Core course		4
MUS 227	Music Cultures of the World	3
Elective		1
	Hours	**15**
Spring Semester		
MUS 111	Master Class in Performance	0
MUS 280	Advanced Private Instrumental Lessons	3
Ensemble		
Select one of the following:		1

MUS 151	Concert Band	
MUS 152	Instrumental Ensembles	
MUS 153	University Choir	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
Select one of the following:		3
MUS 113	Art Song	
MUS 114	Jazz History	
MUS 115	Opera	
MUS 117	Music for Symphony Orchestra	
MUS 119	Music for the Piano	
MUS 240	Music, Gender and Culture	
Electives		6
	Hours	**13**
	Total Hours	**120**

BMus in Jazz Studies

Program Codes:
20FR5450BMUS

Degree Requirements—Bachelor of Music in Jazz Studies

To earn a Bachelor of Music in Jazz Studies degree from UIC, students need to complete university, college, and school degree requirements. An audition is also required to enter the Jazz Studies major. The School of Theatre & Music degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section of the Undergraduate Catalog for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education Requirements		24
Major Course Requirements		86-88
Electives		7-10
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only) [a]	1
Total Hours		**120**

a *New freshmen are required to complete DLG 120 for 1 hour.*

General Education Requirements

Code	Title	Hours
Required Courses [a]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BLST 100	Introduction to Black Studies [b]	3
Analyzing the Natural World course [c]		3-5
Understanding the Creative Arts course [c]		3
Understanding U.S. Society course [c]		3
Additional General Education Core courses from any categories [c,d]		4-6
Total Hours		**24**

a *The Understanding the Past and Exploring World Cultures General Education requirements are met by courses within the major.*

b *BLST 100 fulfills the Individual and Society General Education category. Students who choose to apply BLST 100 to the Understanding the US Society category instead must fulfill the Understanding the Individual and Society category with another course.*

c *Students should consult the* General Education *section of the catalog for a list of approved courses in this category.*

d *Students take two additional courses from any General Education categories for a total of 4–6 hours to reach the required 24 hours in the General Education Core.*

Jazz Studies Major Course Requirements

For the Jazz Studies Major, 86-88 semester hours distributed as follows:

Code	Title	Hours
Required Courses		
MUS 101	Music Theory I	3
MUS 102	Music Theory II	3
MUS 103	Ear Training I	1
MUS 104	Ear Training II	1
MUS 110	Convocation/Recital [a]	0
MUS 201	Theory of Music III	3
MUS 202	Theory of Music IV	3
MUS 203	Ear Training III	1
MUS 204	Ear Training IV	1
MUS 170	Keyboard Skills I	2
MUS 171	Keyboard Skills II	2
MUS 108	Jazz Fundamentals	3
MUS 223	Music Technology	3
MUS 114	Jazz History [b]	3
BLST 262	Black Cultural Studies	3
MUS 232	History of Western Music III: Music from Romanticism through the Present	3
MUS 106	Jazz Improvisation I	3
MUS 120	Jazz Improvisation II	3
MUS 227	Music Cultures of the World [c]	3
MUS 111	Master Class in Performance [d]	0
MUS 221	Jazz Improvisation III	3
MUS 310	Jazz Theory and Keyboard	3
MUS 312	Jazz Arranging I	3
MUS 313	Jazz Arranging II	3
MUS 314	Advanced Topics in Jazz History and Analysis	3
MUS 323	Digital Music Engraving	3

Ensemble Requirement: Students pursuing the Bachelor of Music in Jazz Studies must audition for ensemble placement each semester and enroll in a minimum of one ensemble during every term in which they are a degree student. Each area of applied study has specific ensemble requirements they must meet. See the student handbook for more details on ensemble requirements, auditions, and ensemble placement. [i]		6-8
MUS 160	Small Jazz Ensemble (for at least two semesters) [g]	
Select one of the following for at least two semesters:		
MUS 150	Vocal Jazz Ensemble [g]	
MUS 159	Jazz Ensemble [g]	
Select one of the following for two semesters:		
MUS 150	Vocal Jazz Ensemble	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
Select any ensemble, excluding MUS 156, for two semesters		
Select 12 hours of the following:		12
MUS 180	Private Instrumental Lessons [e]	
MUS 182	Private Voice Lessons [e]	
Select 6 hours of the following:		6
MUS 280	Advanced Private Instrumental Lessons [f]	
MUS 282	Advanced Private Voice Lessons [f]	
Total Hours		**86-88**

a *Students must register for MUS 110 for four terms.*

b *MUS 114 fulfills the Understanding the Past category for Jazz Studies students. Students who choose to apply MUS 114 to the Understanding the Creative Arts category instead must fulfill the Understanding the Past category with another course.*

c *MUS 227 fulfills the Exploring World Cultures category for Jazz Studies students. Students who choose to apply MUS 227 to the Understanding the Creative Arts category instead must fulfill the Exploring World Cultures Category with another course.*

d *Students must register for MUS 111 for four terms and perform in one master class in two of those terms.*

e *Students must register for MUS 180 or MUS 182 for at least six terms. Both courses require juries or half-recitals; a minimum grade of B is required to remain in the major.*

f *Students must register for MUS 280 or MUS 282 for two terms. Both courses require one jury and one full recital. A minimum grade of B in the first term is required to remain in the major.*

g *MUS 150 is required for singers; MUS 159 is required for instrumentalists. Students must enroll for a total of 6 hours in a combination of MUS 150/ MUS 160 (for singers) or MUS 159/ MUS 160 (for instrumentalists). A minimum of two hours is required in any one of these courses.*

h *Jazz vocalists must complete six hours in a combination of MUS 150 and MUS 160. Jazz instrumentalists must complete six hours in a combination of MUS 159 and MUS 160; a minimum of two hours in either of these courses is required. Remaining ensemble requirements can be fulfilled with other ensembles by approval of the department.*

Electives

Code	Title	Hours
Electives		
Electives to reach total hours		7-10
Total Hours		**7-10**

UIC First-Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar	1
Total Hours		**1**

Sample Course Schedule—Bachelor of Music in Jazz Studies

Course	Title	Hours
Freshman Year		
Fall Semester		
MUS 101	Music Theory I	3
MUS 103	Ear Training I	1
MUS 110	Convocation/Recital	0
MUS 170	Keyboard Skills I	2
MUS 180 or MUS 182	Private Instrumental Lessons or Private Voice Lessons	2
MUS 160	Small Jazz Ensemble	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MUS 108	Jazz Fundamentals	3
	Hours	**15**
Spring Semester		
MUS 102	Music Theory II	3
MUS 104	Ear Training II	1
MUS 110	Convocation/Recital	0
MUS 160	Small Jazz Ensemble	1
MUS 171	Keyboard Skills II	2
MUS 180 or MUS 182	Private Instrumental Lessons or Private Voice Lessons	2
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar	1
MUS 109	Course MUS 109 Not Found	3
	Hours	**16**
Sophomore Year		
Fall Semester		
MUS 120	Jazz Improvisation II	3
MUS 180 or MUS 182	Private Instrumental Lessons or Private Voice Lessons	2
MUS 110	Convocation/Recital	0
MUS 150 or MUS 159	Vocal Jazz Ensemble or Jazz Ensemble	1
MUS 201	Theory of Music III	3
MUS 203	Ear Training III	1
General Education Core course		5
	Hours	**15**
Spring Semester		
MUS 221	Jazz Improvisation III	3
MUS 180 or MUS 182	Private Instrumental Lessons or Private Voice Lessons	2
MUS 110	Convocation/Recital	0
MUS 202	Theory of Music IV	3
MUS 204	Ear Training IV	1

MUS 223	Music Technology	3
MUS 230	History of Western Music I: Music of the Middle Ages and Renaissance	3
MUS 150 or MUS 159	Vocal Jazz Ensemble or Jazz Ensemble	1
	Hours	**16**
Junior Year		
Fall Semester		
MUS 111	Master Class in Performance	0
MUS 180 or MUS 182	Private Instrumental Lessons or Private Voice Lessons	2
MUS 231	History of Western Music II: Music of the Baroque and Classical Periods	3
MUS 312	Jazz Arranging I	3
MUS 310	Jazz Theory and Keyboard	3
General Education Core course		3
Select one of the following:		1
MUS 150	Vocal Jazz Ensemble	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
	Hours	**15**
Spring Semester		
MUS 111	Master Class in Performance	0
MUS 180 or MUS 182	Private Instrumental Lessons or Private Voice Lessons	2
MUS 311	Jazz Theory and Keyboard II	3
MUS 232	History of Western Music III: Music from Romanticism through the Present	3
MUS 114	Jazz History	3
MUS 313	Jazz Arranging II	3
Select one of the following:		1
MUS 150	Vocal Jazz Ensemble	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
	Hours	**15**
Senior Year		
Fall Semester		
MUS 111	Master Class in Performance	0
MUS 314	Advanced Topics in Jazz History and Analysis	3
MUS 280 or MUS 282	Advanced Private Instrumental Lessons or Advanced Private Voice Lessons	3
Ensemble		
Select one of the following:		1
MUS 150	Vocal Jazz Ensemble	
MUS 151	Concert Band	
MUS 152	Instrumental Ensembles	
MUS 153	University Choir	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
MUS 323	Digital Music Engraving	3
General Education Core course		4
	Hours	**14**
Spring Semester		
MUS 111	Master Class in Performance	0
MUS 280 or MUS 282	Advanced Private Instrumental Lessons or Advanced Private Voice Lessons	3
MUS 227	Music Cultures of the World	3
Ensemble		
Select one of the following:		1
MUS 150	Vocal Jazz Ensemble	
MUS 151	Concert Band	
MUS 152	Instrumental Ensembles	
MUS 153	University Choir	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
General Education Core course		3
General Education Core course		3
Elective		1
	Hours	**14**
	Total Hours	**120**

BMus in Music Education

Program Codes:
20FR0168BMUS

Degree Requirements

To earn a Bachelor of Music in Music Education degree from UIC, students need to complete university, college, and school degree requirements. Students should consult the College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies.

Approved Illinois Teacher Educator Preparation Programs at the University of Illinois Chicago prepare undergraduate and graduate students to become leaders in education. Each program requires supervised field experiences with students in schools. Field Experience Hours are included as course assignments in specified courses within each program.

GPA and Student Teaching Requirements

- Consistent with requirements within the College of Architecture, Design, and the Arts, in order to graduate, students in the School of Theatre and Music must have at least a 2.00/4.00 GPA in all work taken in the major field, and in all work accepted for transfer by the university (transfer work plus work taken at UIC).
- Student teaching in music is completed through courses (MUS 466 and MUS 467) during the Spring semester of the student's last year. Minimum requirements for student teaching include senior standing; 3.00/4.00 GPA in the professional coursework; grade of C or higher in all coursework required for licensure (courses taken for a credit/no credit option are not applicable towards licensure); satisfactory completion of fieldwork as assessed by university field instructors with input from school mentor teachers. Furthermore, it is required that students meet the following additional criteria: approval of the program faculty through the sophomore interview, as well as a review of performance according to the GPA prior to the student teaching semester; commitment to the Council on Teacher Education (CTE) Conceptual Framework; development of a Teaching Portfolio; and passing of any state tests required for licensure.
- To be recommended for licensure, candidates are required to maintain a UIC cumulative grade#point average of 2.50, content area (music courses) GPA of 2.75, and professional education course GPA of 3.00. Candidates will be able to consult the Music Education Handbook, their advisor, or the Council on Teacher Education for a listing of courses used to compute these grade#point averages.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		24
Major Requirements		97
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**122**

General and Basic Education Requirements

All students must complete a total of 24 hours of General Education courses, with at least one course completed in each of the categories below. Since two courses for the BMus in Music Education major can be applied toward this requirement, students will select an additional 18 hours of General Education courses.

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
General Education Courses		
All students must complete a total of 24 hours of General Education courses, with at least one course completed in each of the categories below. Since two courses (6 hours) for the BMus in Music Education major can be applied toward this requirement, students will select an additional 18 hours of General Education courses. [a]		18
Analyzing the Natural World course [b]		
Exploring World Cultures course [b]		
Understanding the Creative Arts course [b]		
Understanding the Individual and Society course [b]		
Understanding the Past course [b]		
Understanding U.S. Society course [b]		
Total Hours		**24**

a *Courses in the major field that are approved for General Education are BLST 262, MUS 114, MUS 118, MUS 127, MUS 227, MUS 240 and ED 100.*

b *Students should consult the* General Education *section of the catalog for a list of approved courses in this category.*

Major Requirements

Code	Title	Hours
Music Education Core (10 hours)		
MUS 324	Music Teaching in Ensemble Settings	3
MUS 325	Participatory and Digital Music Practices (9-12)	3
MUS 326	Teaching Music to Children (P/K-8)	4
Music Education Selectives		
Selective A: Select five of the following:		5
MUS 161	Teaching and Learning Brass	
MUS 162	Teaching and Learning Jazz	
MUS 163	Teaching and Learning Percussion	
MUS 164	Teaching Popular Music	
MUS 165	Teaching and Learning Strings	
MUS 166	Teaching and Learning Voice	
MUS 167	Teaching and Learning Woodwinds	
MUS 168	Banda, Mariachi, & Salsa	
Selective B: Select one of the following:		2
MUS 340	Choral Music Methods and Materials	
MUS 341	Instrumental Music Methods and Materials	
Music History Selectives		
Selective A: Select two of the following:		6
BLST 262	Black Cultural Studies [a,b]	
MUS 114	Jazz History [a,c]	
MUS 118	American Popular Music since 1850 [a,c]	
MUS 127	Latin American Music [a,d]	
MUS 227	Music Cultures of the World [a,d]	
MUS 240	Music, Gender and Culture [a,e]	
Selective B: Select one of the following:		3
MUS 231	History of Western Music II: Music of the Baroque and Classical Periods	
MUS 232	History of Western Music III: Music from Romanticism through the Present	
Music Core (47 hours)		
MUS 101	Music Theory I	3
MUS 102	Music Theory II	3
MUS 103	Ear Training I	1
MUS 104	Ear Training II	1
Ensemble: Primary Area - Select one Ensemble course from the list below (7 semesters)		7
Ensemble: Secondary Area - Select a second Ensemble course from the list below (1 semester)		1
Ensemble Courses:		
MUS 150	Vocal Jazz Ensemble	
MUS 151	Concert Band	
MUS 153	University Choir	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
MUS 152	Instrumental Ensembles (2 semesters)	2
MUS 170	Keyboard Skills I	2
MUS 180	Private Instrumental Lessons (primary instrument; 7 semesters)	14
MUS 180	Private Instrumental Lessons (secondary instrument; 1 semester)	2
MUS 201	Theory of Music III	3
MUS 202	Theory of Music IV	3
MUS 203	Ear Training III	1
MUS 204	Ear Training IV	1
MUS 304	Conducting	3
Professional Education (24 hours)		
ED 100	Introduction to Urban Education [b,e]	3
EPSY 255	Child Development in Contemporary Society	3

MUS 350	Music Classrooms for All Learners	3
MUS 351	Assessment in Music Classrooms	3
MUS 465	Teaching Music to Culturally and Linguistically Diverse Students	4
MUS 466	Music Student Teaching in Grades PreK-8 with Seminar	4
MUS 467	Music Student Teaching in Grades 9-12 with Seminar	4
Total Hours		**97**

a *This course is approved for the Understanding the Creative Arts General Education category.*
b *This course is approved for the Understanding U.S. Society General Education category.*
c *This course is approved for the Understanding the Past General Education category.*
d *This course is approved for the Exploring World Cultures General Education category.*
e *This course is approved for the Understanding the Individual and Society General Education category.*

Sample Course Schedule

Course	Title	Hours
First Year		
Fall Semester		
Ensemble: Primary Area (1 of 7) - MUS 150, MUS 151, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, or MUS 160		1
MUS 180	Private Instrumental Lessons (1 of 7)	2
MUS 101	Music Theory I	3
MUS 103	Ear Training I	1
MUS 170	Keyboard Skills I	2
DLG 120	UIC First-Year Dialogue Seminar	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
General Education course		3
	Hours	**16**
Spring Semester		
Ensemble: Primary Area (2 of 7) - MUS 150, MUS 151, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, or MUS 160		1
MUS 180	Private Instrumental Lessons (2 of 7)	2
MUS 102	Music Theory II	3
MUS 104	Ear Training II	1
ED 100	Introduction to Urban Education	3
Music History Selective A - BLST 262, MUS 114, MUS 118, MUS 127, MUS 227, or MUS 240		3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
	Hours	**16**
Second Year		
Fall Semester		
Ensemble: Primary Area (3 of 7) - MUS 150, MUS 151, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, or MUS 160		1
MUS 152	Instrumental Ensembles (1 of 2)	1
MUS 180	Private Instrumental Lessons (3 of 7)	2
MUS 201	Theory of Music III	3
MUS 203	Ear Training III	1
EPSY 255	Child Development in Contemporary Society	3
Music History Selective A - BLST 262, MUS 114, MUS 118, MUS 127, MUS 227, or MUS 240		3
General Education course [a]		3
	Hours	**17**
Spring Semester		
Ensemble: Primary Area (4 of 7) - MUS 150, MUS 151, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, or MUS 160		1
MUS 152	Instrumental Ensembles (2 of 2)	1
MUS 180	Private Instrumental Lessons (4 of 7)	2
MUS 202	Theory of Music IV	3
MUS 204	Ear Training IV	1
Music History Selective B - MUS 231 or MUS 232		3
General Education course		3
General Education course		3
	Hours	**17**
Third Year		
Fall Semester		
Ensemble: Primary Area (5 of 7) - MUS 150, MUS 151, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, or MUS 160		1
MUS 180	Private Instrumental Lessons (5 of 7)	2
Music Education Selective A (1 of 5)		1
MUS 304	Conducting	3
MUS 325	Participatory and Digital Music Practices	3
MUS 350	Music Classrooms for All Learners	3
General Education course		3
	Hours	**16**
Spring Semester		
Ensemble: Primary Area (6 of 7) - MUS 150, MUS 151, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, or MUS 160		1
Ensemble: Secondary Area (1 of 1) - MUS 150, MUS 151, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, or MUS 160		1
MUS 180	Private Instrumental Lessons (6 of 7)	2
MUS 180	Private Instrumental Lessons (secondary instrument)	2
Music Education Selective A (2 of 5)		1
Music Education Selective A (3 of 5)		1
Music Education Selective B (1 of 1) - MUS 340 or MUS 341		2
MUS 324	Music Teaching in Ensemble Settings	3
MUS 351	Assessment in Music Classrooms	3
	Hours	**16**
Fourth Year		
Fall Semester		
Ensemble: Primary Area (7 of 7) - MUS 150, MUS 151, MUS 153, MUS 154, MUS 155, MUS 157, MUS 159, or MUS 160		1
MUS 180	Private Instrumental Lessons (7 of 7)	2
Music Education Selective A (4 of 5)		1
Music Education Selective A (5 of 5)		1
MUS 326	Teaching Music to Children	4
MUS 465	Teaching Music to Culturally and Linguistically Diverse Students	4
General Education course		3
	Hours	**16**
Spring Semester		
MUS 466	Music Student Teaching in Grades PreK-8 with Seminar	4
MUS 467	Music Student Teaching in Grades 9-12 with Seminar	4
	Hours	**8**
	Total Hours	**122**

BA in Theatre and Performance

Program Codes:
20FR5427BA

Degree Requirements—BA in Theatre and Performance

To earn a Bachelor of Arts in Theatre and Performance from UIC, students need to complete university, college, and school degree requirements. The School of Theatre & Music degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies. Admission to the BA in Theatre and Performance is by audition, interview, or presentation of student work.

Code	Title	Hours
Summary of Requirements		
General Education Requirements		24
Degree and Track Course Requirements (vary by track)		35-44
General Track (35 hours)		
Performance Track (44 hours)		
Authorship Track (41 hours)		
Electives (vary by track)		51-61
General Track (60-61 hours)		
Performance Track (51-52 hours)		
Authorship Track (54-55 hours)		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only) [a]	1
Total Hours		**120**

a *Hours of electives required are based upon the track selected by students within the BA in Theatre and Performance, and whether they are required to complete DLG 120 for 1 hour (required of new freshmen only).*

General Education Requirements

Code	Title	Hours
Required Courses [a]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [b]		3
Analyzing the Natural World course [b]		3-5
Understanding the Individual and Society course [b]		3
Understanding U.S. Society course [b]		3
Additional General Education Core courses from any category [b]		4-6
Total Hours		**24**

a *The Understanding the Past and Understanding the Creative Arts General Education requirements are met by courses within the degree.*

b *Students should consult the General Education section of the catalog for a list of approved courses in this category.*

Theatre and Performance Degree and Track Course Requirements

Code	Title	Hours
Required Courses		
Students in all tracks complete 20 hours of degree core course work:		
THTR 101	Theatre History I: Premodern Drama [a]	3
THTR 141	Acting I: Fundamentals	3
THTR 182	Practicum in Theater: Run Crew	1
THTR 183	Practicum in Theater: Build Crew	1
THTR 201	Theatre History II: Modern Theatre [b]	3
THTR 217	Movement & Voice I	3
THTR 230	Script Analysis for Theatrical Production	3
THTR 448	The Business of Theatre: A Career in the Arts	3
Required Courses by Track (hours vary by track)		**3-12**
General Track—Required Courses		
THTR 241	Acting II: Scene Study	
Performance Track—Required Courses		
THTR 241	Acting II: Scene Study	
THTR 317	Movement & Voice II	
THTR 341	Acting III: Classics	
THTR 449	Capstone: Senior Project	
Authorship Track—Required Courses		
THTR 449	Capstone: Senior Project	
Selectives (hours vary by track)		**12-18**
All tracks select one of the following three Design, Production, and Technology sequences:		
THTR 150	Fundamental of Theatre Technology	
THTR 151	Costume Technology I: Introduction to Costume Technology	
or THTR 152	Lighting Technology I: An Introduction to Lighting Tech	
or THTR 153	Scenic Technology I: An Introduction to Stagecraft for the Theatre	
OR		
THTR 155	Fundamentals of Theatre Design [b]	
THTR 156	Lighting Design I: An Introduction to Lighting Design	
or THTR 158	Costume Design I	
or THTR 170	Sound Design: An Introduction to Sound Design for Theatre	
or THTR 250	Scenic Design I	
or THTR 259	Makeup Design	
OR		
THTR 150	Fundamental of Theatre Technology	
THTR 155	Fundamentals of Theatre Design	
Authorship Selectives:		
General and Performance Tracks—Select two courses from the following list.		
Authorship Track—Select four courses from the following list.		

THTR 240	Improvisation for the Actor	
THTR 331	Page to Stage: Adaptation of Text for Theatrical Performance	
THTR 332	Performance Ethnography	
THTR 333	Stage Direction	
THTR 431	Playwriting	
THTR 435	Contemporary Performance Techniques	
Total Hours		**35-44**

a *This course is approved for the Understanding the Past General Education category or the Understanding the Creative Arts General Education category.*

b *This course is approved for the Understanding the Creative Arts General Education category.*

Electives

Code	Title	Hours
Electives		
Electives to reach total hours [a]		51-61
Total Hours		**51-61**

a *Hours of electives are based on the track selected by the students within the BA in Theatre and Performance, and whether they are required to complete DLG 120 for 1 hour (required of new freshmen only).*

UIC First-Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**1**

Sample Course Schedule—General Track

Semesters in which required courses are offered may vary from those listed below.

Course	Title	Hours
First Year		
Fall Semester		
THTR 101	Theatre History I: Premodern Drama	3
THTR 141	Acting I: Fundamentals	3
THTR 182	Practicum in Theater: Run Crew	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ISA 100	Freshman Seminar: Introduction to Interdisciplinary Practice in the Arts	1
General Education course		3
	Hours	**14**
Spring Semester		
Design, Production, and Technology Selective 1 (THTR 150 or THTR 155)		3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar	1
General Education course		3
General Education course		3
Elective		3
	Hours	**16**
Second Year		
Fall Semester		
THTR 183	Practicum in Theater: Build Crew	1
THTR 201	Theatre History II: Modern Theatre	3
THTR 230	Script Analysis for Theatrical Production	3
General Education course		3
Elective		3
Elective		3
	Hours	**16**
Spring Semester		
THTR 241	Acting II: Scene Study	3
THTR 217	Movement & Voice I	3
Design, Production, and Technology Selective 2 (see list above)		3
General Education course		3
Elective (consider THTR 103 or THTR 105)		3
	Hours	**15**
Third Year		
Fall Semester		
Authorship Selective 1 (see list above)		3
General Education course		3
Elective (consider THTR 254)		3
Elective (consider MUS 190)		1
Elective (consider a practicum)		2
Elective		3
	Hours	**15**
Spring Semester		
Authorship Selective 2 (see list above)		3
Elective (consider THTR 299 or THTR 388)		3
Elective		3
Elective		3
Elective		3
*Consider Study Abroad		
	Hours	**15**
Fourth Year		
Fall Semester		
Elective		3
Elective		3
Elective		3
Elective (consider THTR 384, THTR 498, or THTR 494)		3
Elective (consider a practicum)		2
*Consider Study Abroad		
	Hours	**14**
Spring Semester		
THTR 448	The Business of Theatre: A Career in the Arts	3
Elective (consider THTR 385, THTR 498, or THTR 494)		3
Elective (consider a third Authorship course)		3
Elective (consider a third Design, Production, and Technology course)		3
Elective		3
	Hours	**15**
	Total Hours	**120**

Sample Course Schedule—Performance Track

Semesters in which required courses are offered may vary from those listed below.

Course	Title	Hours
First Year		
Fall Semester		
THTR 101	Theatre History I: Premodern Drama	3
THTR 141	Acting I: Fundamentals	3
THTR 182	Practicum in Theater: Run Crew	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ISA 100	Freshman Seminar: Introduction to Interdisciplinary Practice in the Arts	1
General Education course		3
	Hours	**14**
Spring Semester		
Design, Production, and Technology Selective 1 (THTR 150 or THTR 155)		3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar	1
General Education course		3
General Education course		3
Elective		3
	Hours	**16**
Second Year		
Fall Semester		
THTR 183	Practicum in Theater: Build Crew	1
THTR 201	Theatre History II: Modern Theatre	3
THTR 230	Script Analysis for Theatrical Production	3
THTR 317	Movement & Voice II	3
Authorship Selective 1 (THTR 240 recommended)		3
Elective		3
	Hours	**16**
Spring Semester		
THTR 241	Acting II: Scene Study	3
THTR 217	Movement & Voice I	3
Design, Production, and Technology Selective 2 (see list above)		3
General Education course		3
General Education course		3
	Hours	**15**
Third Year		
Fall Semester		
Authorship Selective 2 (see list above)		3
General Education course		3
Elective (consider THTR 254)		3
Elective (consider MUS 190)		1
Elective (consider a practicum)		2
Elective		3
*Consider Study Abroad		
	Hours	**15**
Spring Semester		
THTR 341	Acting III: Classics	3
Elective (consider THTR 299 or THTR 388)		3
Elective		3
Elective		3
Elective		3
*Consider Study Abroad		
	Hours	**15**
Fourth Year		
Fall Semester		
Elective (consider THTR 384, THTR 498, or THTR 494)		3
Elective (consider a practicum)		2
Elective		3
Elective		3
Elective		3
*Consider Study Abroad		
	Hours	**14**
Spring Semester		
THTR 448	The Business of Theatre: A Career in the Arts	3
THTR 449	Capstone: Senior Project	3
Elective (consider THTR 385, THTR 498, or THTR 494)		3
Elective (consider a third Authorship course)		3
Elective (consider a third Design, Production, and Technology course)		3
	Hours	**15**
	Total Hours	**120**

Sample Course Schedule—Authorship Track

Semesters in which required courses are offered may vary from those listed below.

Course	Title	Hours
First Year		
Fall Semester		
THTR 101	Theatre History I: Premodern Drama	3
THTR 141	Acting I: Fundamentals	3
THTR 182	Practicum in Theater: Run Crew	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ISA 100	Freshman Seminar: Introduction to Interdisciplinary Practice in the Arts	1
General Education course		3
	Hours	**14**
Spring Semester		
Design, Production, and Technology Selective 1 (THTR 150 or THTR 155)		3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar	1
General Education course		3
General Education course		3
Elective		3
	Hours	**16**
Second Year		
Fall Semester		
THTR 183	Practicum in Theater: Build Crew	1
THTR 201	Theatre History II: Modern Theatre	3
THTR 230	Script Analysis for Theatrical Production	3
Authorship Selective 1 (THTR 240 recommended)		3
Elective (consider THTR 254)		3
Elective		3
	Hours	**16**
Spring Semester		
THTR 217	Movement & Voice I	3
Design, Production, and Technology Selective 2 (see list above)		3
General Education course		3
General Education course		3
Elective (consider THTR 103 or THTR 105)		3
	Hours	**15**
Third Year		
Fall Semester		
Authorship Selective 2 (see list above)		3
General Education course		3
Elective (consider MUS 190)		1
Elective (consider a practicum)		2
Elective		3
Elective		3

*Consider Study Abroad		
	Hours	**15**
Spring Semester		
Authorship Selective 3 (see list above)		3
Authorship Selective 4 (see list above)		3
Elective (consider THTR 299 or THTR 388)		3
Elective		3
Elective		3
	Hours	**15**
Fourth Year		
Fall Semester		
Elective (consider THTR 384, THTR 498, or THTR 494)		3
Elective (consider a practicum)		2
Elective		3
Elective		3
Elective		3
*Consider Study Abroad		
	Hours	**14**
Spring Semester		
THTR 448	The Business of Theatre: A Career in the Arts	3
THTR 449	Capstone: Senior Project	3
Elective (consider THTR 385, THTR 498, or THTR 494)		3
Elective (consider a third Design, Production, and Technology course)		3
Elective		3
	Hours	**15**
	Total Hours	**120**

BA in Theatre Design, Production, and Technology

Program Codes:
20FR5428BA

Degree Requirements—BA in Theatre Design, Production, and Technology

To earn a Bachelor of Arts in Theatre Design, Production, and Technology from UIC, students need to complete university, college, and school degree requirements. The School of Theatre & Music degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies. Admission to the BA in Theatre Design, Production, and Technology is by interview and portfolio review.

Code	Title	Hours
Summary of Requirements		
General Education Requirements		24
Major Course Requirements		50
Electives		45-46
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**120**

a *New freshmen are required to complete DLG 120 for 1 hour. New freshmen complete 45 hours of electives for the BA in Theatre Design, Production, and Technology. All other students complete 46 hours of electives for the BA in Theatre Design, Production, and Technology.*

General Education Requirements

Code	Title	Hours
Required Courses [a]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [b]		3
Analyzing the Natural World course [b]		3-5
Understanding the Individual and Society course [b]		3
Understanding U.S. Society course [b]		3
Additional General Education Core courses from any category [b]		4-6
Total Hours		**24**

a *The Understanding the Past and Understanding the Creative Arts General Education requirements are met by courses within the degree.*

b *Students should consult the* General Education *(*p. 86*) section of the catalog for a list of approved courses in this category.*

Major Course Requirements

Code	Title	Hours
Core Courses		
THTR 101	Theatre History I: Premodern Drama [a]	3
THTR 141	Acting I: Fundamentals	3
THTR 150	Fundamental of Theatre Technology	3
THTR 155	Fundamentals of Theatre Design	3
THTR 182	Practicum in Theater: Run Crew	1
THTR 183	Practicum in Theater: Build Crew	1
THTR 201	Theatre History II: Modern Theatre [b]	3
THTR 230	Script Analysis for Theatrical Production	3
THTR 254	Stage Management	3
Required Courses		
AH 111	World History of Art and the Built Environment II [b]	4
THTR 154	Drawing and Digital Design for the Theatre	3
THTR 157	Drafting for the Theatre	3
THTR 450	Portfolio Production	3
Selectives		
Select three of the following Design, Production, and Technology (DPT) courses		9
THTR 151	Costume Technology I: Introduction to Costume Technology	
THTR 152	Lighting Technology I: An Introduction to Lighting Tech	
THTR 153	Scenic Technology I: An Introduction to Stagecraft for the Theatre	
THTR 156	Lighting Design I: An Introduction to Lighting Design	
THTR 158	Costume Design I	
THTR 170	Sound Design: An Introduction to Sound Design for Theatre	

THTR 250	Scenic Design I	
THTR 251	Costume Technology II: Intermediate Techniques, Pattern Development, and Costume Construction	
THTR 252	Lighting Technology II: Intermediate Topics in Lighting Technology and Theatrical Lighting Controls	
THTR 253	Scenic Technology II: Intermediate Topics in Stagecraft	
THTR 255	Scenic Design II	
THTR 256	Lighting Design II: Intermediate Topics in Lighting Design for the Stage	
THTR 258	Costume Design II	
THTR 259	Makeup Design	
THTR 271	Sound Design Topics	
THTR 351	Costume Technology III: Advanced Techniques in Costume Crafts	
THTR 352	Lighting Technology III: Advanced Lighting Technology and Controls for Production	
THTR 353	Scenic Technology III: Advanced Technical Problems	
THTR 354	Stage Management Topics	
THTR 355	Scenic Design III: Advanced Scenic Design for the Stage	
THTR 356	Lighting Design III: Advanced Lighting for the Stage	
Note: Courses need to be taken in sequence within disciplines. Prerequisites and corequisites are listed in the course description.		
Select at least 2 hours from the following practicum courses:		2
THTR 281	Practicum in Theatre Administration	
THTR 282	Practicum in Costuming	
THTR 283	Practicum in Technical Theatre	
Select one course from the following:		3
THTR 333	Stage Direction	
THTR 431	Playwriting	
THTR 435	Contemporary Performance Techniques	
Total Hours		**50**

a *This course is approved for the Understanding the Past General Education category or the Understanding the Creative Arts General Education category.*

b *This course is approved for the Understanding the Creative Arts General Education category.*

Electives

Code	Title	Hours
Electives		
Electives to reach total hours [a]		45-46
Total Hours		**45-46**

a *New freshmen are required to complete DLG 120 for one hour. New freshmen complete 45 hours of electives for the BA in Theatre Design, Production, and Technology. All other students complete 46 hours of electives for the BA in Theatre Design, Production, and Technology.*

UIC First-Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
Total Hours		**1**

Sample Course Schedule—BA in Theatre Design, Production, and Technology

Semesters in which required courses are offered may vary from those listed below.

Course	Title	Hours
First Year		
Fall Semester		
THTR 101	Theatre History I: Premodern Drama	3
THTR 150	Fundamental of Theatre Technology	3
THTR 182	Practicum in Theater: Run Crew	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ISA 100	Freshman Seminar: Introduction to Interdisciplinary Practice in the Arts (recommended elective)	1
General Eduction Exploring World Cultures course		3
	Hours	**14**
Spring Semester		
THTR 154	Drawing and Digital Design for the Theatre	3
THTR 155	Fundamentals of Theatre Design [a]	3
THTR 183	Practicum in Theater: Build Crew	1
THTR 230	Script Analysis for Theatrical Production	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar	1
	Hours	**14**
Second Year		
Fall Semester		
AH 111	World History of Art and the Built Environment II	4
THTR 141	Acting I: Fundamentals	3
THTR 157	Drafting for the Theatre	3
THTR 201	Theatre History II: Modern Theatre	3
THTR 254	Stage Management	3
DPT Selective course I		3
	Hours	**19**
Spring Semester		
DPT Selective course II		3
Select one of the following practicum courses:		2
THTR 281	Practicum in Theatre Administration	
THTR 282	Practicum in Costuming	
THTR 283	Practicum in Technical Theatre	
Elective		3
General Education Analyzing the Natural World course		3
General Education Understanding the Individual and Society course		3
	Hours	**14**
Third Year		
Fall Semester		
DPT Selective course III		3
Elective - DPT course recommended		3
Elective - DPT course recommended		3
General Education Understanding U.S. Society course		3

General Education course		3
	Hours	**15**
Spring Semester		
One of the following selective:		3
THTR 333	Stage Direction	
THTR 431	Playwriting	
THTR 435	Contemporary Performance Techniques	
Elective		3
Elective		3
Elective		3
General Education course		3
	Hours	**15**
Fourth Year		
Fall Semester		
THTR 450	Portfolio Production	3
Elective (DPT course recommended)		3
Elective (THTR 383 recommended)		3
Elective (THTR 384 recommended)		3
Elective		3
	Hours	**15**
Spring Semester		
Elective (THTR 383 recommended)		3
Elective (THTR 385 recommended)		3
Elective (THTR 494 or THTR 498 recommended)		3
Electives		5
	Hours	**14**
	Total Hours	**120**

a *This course is only offered in the spring semester.*

BFA in Acting

Program Codes:
20FR5452BFA

Degree Requirements

The BFA in Acting combines the conservatory-style study of acting with the study of dramatic texts in their theatrical and cultural contexts. To earn a Bachelor of Fine Arts in Acting from UIC, students need to complete university, college, and school degree requirements. The School of Theatre & Music degree requirements are outlined below. Students should consult the College of Architecture, Design, and the Arts (p. 136) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education Requirements		24
BFA Course Requirements		83
Electives		12-13
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshman only) [a]	1
Total Hours		**120**

a *New freshmen are required to complete DLG 120 for 1 hour. New freshmen complete 12 hours of electives for the BFA in Acting. All other students complete 13 hours of electives for the BFA in Acting.*

General Education Requirements

Code	Title	Hours
Required Courses [a]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [b]		3
Analyzing the Natural World course [b]		3-5
Understanding the Individual and Society course [b]		3
Understanding U.S. Society course [b]		3
Additional General Education Core courses from any category [b,c]		4-6
Total Hours		**24**

a *The Understanding the Past and Understanding the Creative Arts General Education requirements are met by courses within the major.*

b *Students should consult the* General Education *section of the catalog for a list of approved courses in this category.*

c *Students take two additional courses from any General Education categories for a total of 4–6 hours to reach the required 24 hours in the General Education Core.*

BFA Course Requirements

Code	Title	Hours
Required Courses		
THTR 101	Theatre History I: Premodern Drama [a]	3
THTR 111	Movement I: Body/Self	3
THTR 121	Introduction to Acting I	3
THTR 122	Acting II: Adaptations	3
THTR 162	Voice I: Voice	3
THTR 182	Practicum in Theater: Run Crew	1
THTR 183	Practicum in Theater: Build Crew	1
THTR 201	Theatre History II: Modern Theatre [b]	3
THTR 211	Movement II: Body/Space	3
THTR 212	Movement III: Somatics	3
THTR 221	Advanced Acting: American Drama	3
THTR 222	Advanced Acting: Chekhov	3
THTR 230	Script Analysis for Theatrical Production	3
THTR 261	Voice II: Speech	3
THTR 264	Voice III: Advanced Voice and Speech	3
THTR 280	Practicum in Performance	3
THTR 311	Movement IV: Style	3
THTR 312	Movement V: Character	3
THTR 321	Advanced Acting: Shakespeare	3
THTR 322	Advanced Acting: Brecht, Beckett, Pinter	3
THTR 361	Voice IV: Text Styles	3
THTR 362	Voice V: Dialects	3
THTR 413	Movement VI: Movement Lab	3
THTR 421	Advanced Acting: Ensemble	3
THTR 422	Advanced Acting: Audition	3

Design, Production, and Technology Sequence		
Select one of the following sequences:		6
THTR 150	Fundamental of Theatre Technology	
THTR 151	Costume Technology I: Introduction to Costume Technology	
or THTR 152	Lighting Technology I: An Introduction to Lighting Tech	
or THTR 153	Scenic Technology I: An Introduction to Stagecraft for the Theatre	
OR		
THTR 155	Fundamentals of Theatre Design	
THTR 156	Lighting Design I: An Introduction to Lighting Design	
or THTR 158	Costume Design I	
or THTR 170	Sound Design: An Introduction to Sound Design for Theatre	
or THTR 250	Scenic Design I	
or THTR 259	Makeup Design	
OR		
THTR 150	Fundamental of Theatre Technology	
THTR 155	Fundamentals of Theatre Design	
Theatre Selectives		
Select two of the following:		6
THTR 331	Page to Stage: Adaptation of Text for Theatrical Performance [c]	
THTR 333	Stage Direction [d]	
THTR 431	Playwriting	
THTR 435	Contemporary Performance Techniques [c]	
Total Hours		**83**

a *This course is approved for the Understanding the Past General Education category or the Understanding the Creative Arts General Education category.*

b *This course is approved for the Understanding the Creative Arts General Education category.*

c *THTR 331 and THTR 435 are offered only in the fall semester.*

d *THTR 333 is offered only in the spring semester.*

Electives

Code	Title	Hours
Electives		
Electives to reach total hours [a]		12-13
Total Hours		**12-13**

a *New freshmen are required to complete DLG 120 for one hour. New freshmen complete 12 hours of electives for the BFA in Acting. All other students complete 13 hours of electives for the BFA in Acting.*

UIC First-Year Dialogue Seminar

Code	Title	Hours
Required Course		
DLG 120	UIC First-Year Dialogue Seminar	1
Total Hours		**1**

Sample Course Schedule

Semesters in which required courses are offered may vary from those listed below.

Course	Title	Hours
Freshman Year		
Fall Semester		
THTR 101	Theatre History I: Premodern Drama	3
THTR 111	Movement I: Body/Self	3
THTR 121	Introduction to Acting I	3
THTR 182	Practicum in Theater: Run Crew	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
General Education Core course		3
	Hours	**16**
Spring Semester		
THTR 150 or THTR 155	Fundamental of Theatre Technology or Fundamentals of Theatre Design	3
THTR 122	Acting II: Adaptations	3
THTR 162	Voice I: Voice	3
THTR 230	Script Analysis for Theatrical Production	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
DLG 120	UIC First-Year Dialogue Seminar (Required of new freshmen only)	1
	Hours	**15-16**
Sophomore Year		
Fall Semester		
THTR 183	Practicum in Theater: Build Crew	1
THTR 221	Advanced Acting: American Drama	3
THTR 261	Voice II: Speech	3
THTR 211	Movement II: Body/Space	3
General Education Core course		3
Elective		2-3
	Hours	**15-16**
Spring Semester		
THTR 212	Movement III: Somatics	3
THTR 222	Advanced Acting: Chekhov	3
THTR 264	Voice III: Advanced Voice and Speech	3
Elective		3
Second course in students' selected design, production, and technology sequence		3
	Hours	**15**
Junior Year		
Fall Semester		
THTR 201	Theatre History II: Modern Theatre	3
THTR 311	Movement IV: Style	3
THTR 321	Advanced Acting: Shakespeare	3
THTR 361	Voice IV: Text Styles	3
General Education Core course OR Theatre Selective [b]		3
	Hours	**15**
Spring Semester		
THTR 322	Advanced Acting: Brecht, Beckett, Pinter	3
THTR 362	Voice V: Dialects	3
THTR 312	Movement V: Character	3
General Education Core course OR Theatre Selective [c]		3

General Education Core course		3
	Hours	**15**
Senior Year		
Fall Semester		
THTR 280	Practicum in Performance [a]	3
THTR 413	Movement VI: Movement Lab	3
THTR 421	Advanced Acting: Ensemble	3
General Education Core course OR Theatre Selective [b]		3
	Hours	**12**
Spring Semester		
THTR 422	Advanced Acting: Audition	3
General Education Core course OR Theatre Selective [c]		3
General Education Core course		3
Electives		7
	Hours	**16**
	Total Hours	**120**

a *THTR 280 requires permission of instructor to register. This is given for semesters when student is cast in a mainstage production.*

b *THTR 331, THTR 431, and THTR 435 are typically offered in the fall semester.*

c *THTR 431 and THTR 333 are typically offered in the spring semester.*

Minor in Music

Requirements for the Minor

Code	Title	Hours
Required Courses		
MUS 101	Music Theory I	3
MUS 103	Ear Training I	1
MUS 170	Keyboard Skills I	2
Select 6 semester hours from the following:		6
MUS 102	Music Theory II [a]	
MUS 104	Ear Training II [a]	
MUS 108	Jazz Fundamentals [a]	
MUS 113	Art Song [b]	
MUS 114	Jazz History [b]	
MUS 115	Opera [b]	
MUS 116	The Science and History of Sound in the Arts	
MUS 117	Music for Symphony Orchestra [b]	
MUS 118	American Popular Music since 1850 [b]	
MUS 119	Music for the Piano [b]	
MUS 120	Jazz Improvisation II [a]	
MUS 127	Latin American Music [b]	
MUS 171	Keyboard Skills II [a]	
Select 6 semester hours at the 200 level:		6
MUS 201	Theory of Music III [c]	
MUS 202	Theory of Music IV [c]	
MUS 203	Ear Training III [c]	
MUS 204	Ear Training IV [c]	
MUS 221	Jazz Improvisation III [c]	
MUS 223	Music Technology [c]	
MUS 227	Music Cultures of the World [b]	
MUS 230	History of Western Music I: Music of the Middle Ages and Renaissance [c]	
MUS 231	History of Western Music II: Music of the Baroque and Classical Periods [c]	
MUS 232	History of Western Music III: Music from Romanticism through the Present [c]	
MUS 240	Music, Gender and Culture [b]	
MUS 270	Keyboard Skills III [c]	
MUS 271	Keyboard Skills IV [c]	
MUS 298	Selected Topics in Music	
Select any 3 hours of music ensembles. Each ensemble is taken for 1 semester hour. The available ensembles at UIC include: [d]		3
MUS 150	Vocal Jazz Ensemble	
MUS 151	Concert Band	
MUS 152	Instrumental Ensembles	
MUS 153	University Choir	
MUS 154	Chamber Choir	
MUS 155	Treble Choir	
MUS 156	Pep Band	
MUS 157	University Orchestras	
MUS 159	Jazz Ensemble	
MUS 160	Small Jazz Ensemble	
Total Hours		**21**

a *These course prerequisites are satisfied by the first three courses required of the minor.*

b *These courses may be counted toward the UIC General Education Program requirements.*

c *These courses have additional prerequisites, many of which may be fulfilled by 100-level courses in the selective list above. Students are asked to consult the course descriptions in the catalog for course prerequisites. Students who wish to take the second, third, or fourth course in a sequence may earn more than the needed total 3 semester hours in this category.*

d *Pending department approval, an additional 3-hour 100-level music course may fulfill this requirement in the event that a student is not placed in an ensemble via the ensemble audition.*

Minor in Theatre

Requirements for the Minor

Students from other disciplines who want to minor in theatre must complete at least 18 hours in theatre. At least 12 of the 18 hours must be at the upper-division level.

College of Business Administration

Contact Information:
Campus Location: Douglass Hall, Suite 110: Academic Student Services (312) 996-2700
business.uic.edu, Undergraduate Programs: https://businessconnect.uic.edu

Administration:

Dean, Sandy Wayne
Undergraduate Programs: Assistant Dean, Liz Sady
Departments: Accounting, Finance, Information and Decision Sciences, Managerial Studies (includes Entrepreneurship and Human Resource Management), Marketing, and Real Estate Studies

Introduction

The College of Business Administration transforms student potential into success. We provide a proven, research-based education, real--world skills, and professional experiences that add up to exciting career opportunities. *U.S. News & World Report* has ranked the University of Illinois Chicago College of Business Administration the #1 business program among accredited undergraduate business programs in Chicago.

The ranking places UIC among the top 15 percent of programs accredited by the Association to Advance Collegiate Schools of Business (AACSB), the primary accreditation organization for business schools. Over 2,500 undergraduate students annually pursue degrees in eight areas:

1. accounting
2. entrepreneurship
3. finance
4. human resource management
5. information and decision sciences
6. management
7. marketing
8. real estate studies

UIC Business also offers a Bachelor of Business Administration degree-completion program that is offered both on campus and online. More information about this program can be found in the Bachelor of Business Administration section. UIC's proximity to the urban business community in Chicago connects students to Chicago's living classroom and provides constant contact with the college's 33,000 alumni.

The undergraduate program's diverse student body and rigorous programs help students develop the skills they need to become business leaders of the future. The knowledgeable faculty and the quality of their research and scholarly work are evidenced by publications in the leading journals in their fields.

The curriculum includes core courses in all functional areas of business, and supporting coursework in mathematics, communications, statistics, and information systems. UIC's program allows graduates to go on to pursue management and leadership positions in business and nonbusiness settings, or start and own their own businesses. The undergraduate program provides students with the skills necessary for a successful career in business and is also an excellent preparation for graduate training in business, law, or any business-related discipline.

UIC Business provides a proven education that is enhanced through academically challenging coursework, innovative theoretical and applied research, active professional development programs, a full-service Business Career Center, and an array of research and outreach centers.

Accreditation

The College of Business Administration is accredited by AACSB International—The Association to Advance Collegiate Schools of Business. AACSB International accreditation represents the highest standard of achievement for business schools worldwide. Institutions that earn accreditation confirm their commitment to quality and continuous improvement through a rigorous and comprehensive peer review. The accreditation ensures that the business program delivers a robust business education. AACSB accreditation is the hallmark of excellence in management education.

Degree Requirements

To earn a College of Business Administration degree from UIC, students need to complete university, college, and department degree requirements. General university and college degree requirements for all College of Business Administration students are outlined below. Students should consult the academic department section for major course requirements.

Semester Hour Requirement

The College of Business Administration minimum semester hour requirement is 120 semester hours for all degree programs.

Major	School	Degree Conferred	Total Hours
Accounting	Accounting	BS in Accounting	120
Entrepreneurship	Managerial Studies	BS in Entrepreneurship	120
Finance	Finance	BS in Finance	120
Human Resource Management	Managerial Studies	BS in Human Resource Management	120
Information and Decision Sciences	Information and Decision Sciences	BS in Information and Decision Sciences	120
Management	Managerial Studies	BS in Management	120
Marketing	Marketing	BS in Marketing	120
Real Estate	Stuart Handler Dept of Real Estate	BS in Real Estate	120
BBA Degree Completion Program (Online or Campus)[a]	College of Business Administration	Bachelor of Business Administration	60 + 60

a *The Bachelor of Business Administration online program follows a different curriculum. More information can be found in the* Bachelor of Business Administration *(p. 196) section.*

General and Basic Course Requirements

Students should take ENGL 160 and ENGL 161, the mathematics courses, and ECON 120 as early as possible, since this course is a prerequisite for some business core courses.

Code	Title	Hours
Required Courses		
Business Administration Professional Development		3-7

Students who start as first-year students and transfer students who enter with less than 24 hours take the following courses:		
BA 100	Introduction to Professional Development [a]	
BA 101	Business First-Year Seminar [a]	
BA 111	Business Decision-Making [a]	
BA 220	Business Professional Development II [a]	
BA 320	Civic Engagement [a]	
Transfer students who enter with 24 hours or higher take the following course:		
BA 420	Professional Presence [b]	
English		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Mathematics [c]		
MATH 160	Finite Mathematics for Business [d]	5
MATH 165	Calculus for Business [d]	5
Economics		
ECON 120	Principles of Microeconomics	3
ECON 121	Principles of Macroeconomics	3
Communication		
COMM 100	Fundamentals of Human Communication	3
Total Hours		**28-32**

a *BA 100, BA 111, BA 220, and BA 320 are required for graduation for students who start as first year students and transfer students (including inter-college transfer) who enter with less than 24 hours. BA 101 is a one-semester-hour course for all incoming first year students and transfer students (including inter-college transfer) who enter with less than 24 hours in the College of Business Administration. The course will be required in the first semester as part of the cohort program. It will fulfill the first year experience, as well as create opportunities for student academic and co-curricular programming.*

b *Required for students who enter the College of Business Administration as transfer students and for inter-college transfer students with 24 or more semester hours earned.*

c *MATH 170 and MATH 180 are approved substitutions for MATH 165. Credit for MATH 180 and MATH 181, MATH 210, MATH 218, MATH 220, MATH 320, MATH 410, MATH 411, or MATH 425 fulfills the math sequence.*

d *Minimum grades of C must be earned in these courses.*

University General Education Requirements

Students must satisfy the university's General Education requirements by taking classes from various subject areas. The requirement in some of these subject areas may be fulfilled through the required courses listed above. For the categories with additional hours, students should consult the General Education (p. 86) section of the catalog for a list of courses in each category.

Code	Title	Hours
Subject Area		
Analyzing the Natural World course [a]		
Exploring World Cultures course		
Understanding the Creative Arts course		
Understanding the Individual and Society course [b]		
Understanding the Past course		
Understanding U.S. Society course [c]		

a *MATH 160 and MATH 165 listed in the preceding General and Basic Education Requirements, as well as MATH 170, MATH 180, MATH 181, and MATH 210 are approved General Education Core courses for the Analyzing the Natural World General Education requirement.*

b *COMM 100 satisfies the Understanding the Individual and Society course requirement.*

c *ECON 120 satisfies the Understanding U.S. Society course requirement.*

Electives

Together, the General Education, Business Core, and Major requirements generally do not provide the entire 120 semester hours required for graduation. Known as electives, those hours remaining should serve to enrich a student's educational background either through work allied to the major or in courses that can generally increase knowledge and understanding. Elective courses should always be chosen by a student for educational reasons, not simply for convenience or for semester hours.

Code	Title	Hours
Courses		
Select 4-7 hours of electives. The number of required elective hours is determined by the degree program, general education courses selected, and the hours of each required business course. Students should consult with their academic advisor to determine how many elective hours they will need to graduate. See the Coursework Limitations section for information on which courses are excluded from applying as General Electives.		4-7
Total Hours		**4-7**

Code	Title	Hours
Total Hours for General and Basic Education Requirements		**45-48**

Business Course Requirements

Code	Title	Hours
Business Core—Required Courses [a]		
Accounting		
ACTG 210	Introduction to Financial Accounting	3
ACTG 211	Introduction to Managerial Accounting	3
Business Administration		
BA 200	Business Communication	3
Finance		
FIN 300	Introduction to Finance	3
Information and Decision Sciences		
IDS 200	Intro to Management Information Systems	4
IDS 270	Business Statistics I	4
IDS 355	Operations Management	3

Management		
MGMT 340	Introduction to Organizations	3
MGMT 350	Business and Its External Environment	3
Marketing		
MKTG 360	Introduction to Marketing	3
Total Hours		**32**

Code	Title	Hours
Business Core—Selective Courses		
Advanced Quantitative Skills		
Select one of the following: [b]		3
ACTG 392	Data Analytics for Accountants (required for ACTG majors)	
ECON 300	Econometrics (option for RES majors)	
FIN 330	Quantitative Methods (required for finance majors)	
IDS 371	Business Statistics II (required for IDS majors, option for RES majors)	
MGMT/ENTR 360	Data Analytics for Management (required for ENTR, HRM, and MGMT majors)	
MKTG 462	Marketing Research (required for marketing majors who started at UIC Fall 2020 and after)	
Global Business Perspective		
Select one of the following: [c]		3
ACTG 484	International Accounting	
ECON 333	International Economics	
ENTR 435	International Entrepreneurship	
FIN 442	International Corporate Financial Management	
MGMT 460	Managing Globally	
MKTG 469	Global Marketing	
Integrative Course—Competitive Strategy		
Select one of the following: [d]		4
ACTG 495	Competitive Strategy	
FIN 495	Competitive Strategy	
IDS 495	Competitive Strategy	
MGMT 495	Competitive Strategy	
Total Hours		**10**

Code	Title	Hours
Total Business Core Hours		**42**

a *Required Business Core courses cannot be taken as Business Electives or Major Electives. Global Business Perspectives and Advanced Quantitative Skills are the only Business Core Selective courses that are approved to apply as Business Electives.*

b *Students MUST check their degree audits (with proper catalog year) to know which Advanced Quantitative Skills course they are eligible to take. Not all students have the option of taking all of these courses. Students should consult their academic advisor if they are uncertain about their course requirements. No exceptions will be made.*

c *Students may also use an approved Study Abroad or International Exchange to satisfy this requirement. BS in Management students must take MGMT 460.*

d *These courses have the same prerequisites—senior standing and completion of all other Business Core courses (with the exception of FIN 495, which also has FIN 310 and FIN 320 as prerequisites). Students are required to take the Integrative course at UIC. It may be taken in any department, not necessarily in the student's major.*

Code	Title	Hours
The Major and Business Electives		
Select a major from the following areas:		30-33
Accounting, Entrepreneurship, Finance, Human Resource Management, Information and Decision Sciences, Management, Marketing, and Real Estate. The major consists of 30–33 hours of major courses and business electives. The exact number of business electives varies by department.		
Total Hours		**30-33**

Code	Title	Hours
Total Hours—Business Course Requirements		**72-75**

Other Course Requirements

Business Administration Course Requirements

- All entering freshmen in the college must successfully complete BA 101 during the fall semester. This first year experience course is designed to help students successfully transition from high school to a university environment. BA 101 includes an introduction to study strategies and techniques as well as an orientation to resources available at UIC. Students will be given an overview of the CBA degree programs and careers in business. Additionally, this course provides ample opportunities to connect with other students, faculty, staff, and organizations and activities on campus.
- BA 111 introduces students to the qualitative and quantitative frameworks for critically evaluating business scenarios and making business decisions. All first-year students should complete BA 111 during the spring semester of their first year.
- BA 100 introduces students to professional development and learning to embrace their authentic professional presence academically and professionally and should be taken in the first year.
- In their second year, students must successfully complete BA 220, which is intended to develop “professional presence”—the verbal and nonverbal skills necessary to excel professionally.
- In either semester of their third year, students must successfully complete BA 320. The primary goal of BA 320 is to understand and practice the value of serving the community through civic engagement. A secondary goal of the class is to learn and practice building effective teams.

Foreign Language Requirement

The College of Business Administration requires at least two years of a single foreign language in high school with minimum grades of C as a criterion for admission. Students admitted with a deficiency in this area must take two semesters of a single foreign language or American Sign Language at the college level with minimum grades of C or prove proficiency in a foreign language. Foreign Language courses taken to fulfill an admission requirement deficiency will not be counted toward the degree.

Students should plan to submit proof of completing the requirement to their academic advisor.

The Foreign Language Requirement is considered complete if a student:

1. Provides an unofficial high school transcript that shows completion of two or more years of the same foreign language in high school with grades of C or better.
2. Proves fluency in a language other than English verified by:
   a. Placing into 103-level foreign language course (or higher) at UIC via the UIC Placement Exam
   b. Showing proof of having earned the Illinois State Seal of Biliteracy
   c. Earning an 8/12 on the New York University Proficiency Test (at student's expense)
3. Is a non-native speaker of English, such as:
   a. An international student from a non-English speaking country, verified by government-issued documentation showing name, date of birth, date of entry into the U.S., and country of origin (passport, visa, green card)
   b. A student from a non-English speaking country who enters the U.S. for the first time after 12 years of age (other than on a temporary visitor's visa), verified by government-issued documentation showing name, date of birth, date of entry into the U.S., and country of origin (passport, visa, green card)
   c. A student who completed high school in a non-English speaking country, verified by an unofficial high school transcript noting study in a country where English is not the dominant language
4. Completes up to the 102-level course in a single foreign language. (Example, student completes SPAN 102 with a minimum grade of C.)

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. Students are required to complete a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog. Information on meeting the General Education requirements for each College of Business Administration degree program is detailed in the previous section on General Course Requirements.

General Education Proficiencies—University Writing Requirement

ENGL 160 and ENGL 161 are degree requirements.

Mathematics Requirements

Business students must register for a mathematics course every semester beginning with their first semester of enrollment until completing the math sequence. After completing the required math courses, students must enroll in Business Statistics (IDS 270). Some students may be required to take prerequisite math courses prior to enrolling in the required math courses.

Other Requirements

Coursework Limitations

Coursework completed at UIC and other accredited institutions is not automatically applicable toward graduation requirements. The final decision regarding the acceptance of credit and courses that apply toward degree requirements is made by the College of Business Administration.

- Coursework considered by the college office as nonbaccalaureate or remedial is not accepted toward the degree.
- If the same courses is taken twice, the first attempt of the course will not count toward graduation, however it will still be counted within the GPA. The second attempt will be counted toward graduation and will also be counted within the GPA.
- No credit is given for a course in which a failing grade was received.

The College of Business Administration restricts degree credit as follows:

- The college allows a maximum of 3 semester hours of personal training and physical fitness credit.
- The college allows a maximum of 3 semester hours of individual performance credit.
- Students contracted in the ROTC program may only utilize hours of 200-, 300-, and 400-level Military Science (MILS) and Naval Science (NS) courses towards hours of electives required for the seven Bachelor of Science degrees in the College of Business Administration and the Bachelor of Business Administration degrees. MILS courses approved for general education are excluded from this limitation. In addition, CBA will allow a maximum of 3 semester hours of credit for MILS/NS courses at the 100 level and an additional 1 hour of credit in basic military science for a minimum of six months of extended active duty in any branch of the armed forces of the United States.

Credit earned in the following courses does not count toward graduation:

Code	Title	Hours
Courses		
BA 289	Business Internship Program I	
Foreign Language courses taken to fulfill a deficiency in the CBA foreign language additional graduation requirement will not be counted in the total degree hours needed for graduation. Students who take foreign language courses that do not fall into the foreign language requirement category can use these courses to fulfill general elective credit requirements.		
ESL courses and Academic Skills Program courses do not carry academic credit and will not be used in computing the GPA but will be used for the purpose of determining full- or part-time status, and for financial aid eligibility.		

Grade Point Average (GPA) Requirement

In addition to meeting all university requirements for the degree, students must earn a minimum cumulative GPA of 2.00/4.00 in each of the following to qualify for graduation:

1. all courses taken at the University of Illinois Chicago
2. all courses (UIC and transfer) counted toward the degree and
3. in the major.

Graduation Declaration/Filing to Graduate/Degree Completion

In order to graduate, students must submit an Intent to Graduate form through my.UIC. The form is due at the end of the third week during fall and spring semesters and at the end of the second week of Summer Session 2 during the summer semester. Students who submit an Intent to Graduate will receive a message via their UIC email account, verifying whether they are cleared to graduate upon successful completion of the current term. Students who fail to submit an Intent to Graduate form should contact their academic advisor for assistance.

Students completing all degree requirements for their declared major will need permission from their college to enroll in additional undergraduate courses. See the University Degree Requirements (p. 103) section of the catalog for a complete description of this policy.

Enrollment Residence Requirement

The following college enrollment residence requirements apply to all CBA students:

- At a minimum, 60 semester hours must be completed at the University of Illinois Chicago or any other accredited four-year college or university.
- At least 30 hours of coursework must be completed at UIC.
- At least two-thirds of the credit required for a departmental major must be completed at UIC.

Assessment Requirement

To ensure the quality of the academic program and to assist in continuous improvement efforts, all students must participate in one assessment activity during their capstone course, prior to graduation.

Computer Requirement

Business students are required to have a laptop computer that can run the latest versions of Microsoft Windows and Office and has Wi-Fi or wireless Internet access.

College Policies

Academic Load

To be considered a full-time student during the fall and spring semesters, a student must be registered for a minimum of 12 semester hours. For Summer Session 1 (Four-Week) and Summer Session 2 (Eight-Week), UIC considers a total of 6 semester hours as the minimum number necessary to constitute full-time enrollment. A maximum of 18 semester hours may be taken in a semester (12 hours between the two summer sessions). To complete a CBA degree within four years, a student must take an average course load of 15–16 hours per semester. Students requiring prerequisite math or English courses should plan to attend summer school to ensure timely graduation. For each hour of registered coursework, students should expect to complete three hours of homework, studying, and reading.

Academic Notice and Dismissal Rules

Students' academic status will be based on their semester or cumulative grade point average. Students can check their academic status after each semester on my.UIC.

Students who are on academic notice or who have been dismissed are informed of their status by UIC email from the college, following the end of the semester.

Term Notice Rules

1. A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning.

A student on term notice who earns a UIC Term GPA of at least 2.00/4.00 will be removed from term notice.

Academic Notice Rules

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.00/4.00. This rule applies even for the student with a cumulative GPA of 2.00/4.00 or higher. For such a student, academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with cumulative GPA lower than 2.00/4.00.
3. A student readmitted by petition may be placed on academic notice when admitted with a UIC GPA lower than 2.00/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.00/4.00.

A student on academic notice who earns a GPA of at least 2.00/4.00 in a given term will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC coursework must also be at least a 2.00/4.00.

A student currently on academic notice will be continued on academic notice when the one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the student's transfer credit and UIC coursework to at least 2.00/4.00.

CBA Undergraduate Programs determines the conditions of academic notice. In addition to specifying the grade point average, the college may require the completion of specific courses, limit the number of hours for which students register, and exclude students from taking certain courses while on academic notice.

All students on academic notice are required to adhere to the following terms (academic restrictions). Failure to do so will result in registration holds and possible academic dismissal.

1. Students must meet with their academic advisor to create a plan for future success.
2. Students must schedule an appointment with their CBA academic advisor two additional times during the semester to discuss their academic progress for the term.
3. Students must seek tutoring in subject areas in which they have had difficulty. Tutoring is available in the College of Business Administration Business Learning Center, the Honors College, the

Writing Center, and the Mathematical Science Learning Center, as well as many other support programs on campus. Check the Flames Tutoring Network to find subjects that have tutoring services.

Dismissal Rules [a]

1. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the grade point average required by the academic notice and in which the cumulative GPA in courses taken at UIC is less than 2.00/4.00.
2. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the GPA required by the academic notice and in which the combined transfer and UIC grade point average is less than 2.00/4.00.
3. A student who fails to make progress toward a degree may be dismissed. Examples include failure to complete required courses, accumulation of an excessive number of Incomplete grades, failure to earn credit in any semester, failure to maintain a C average in the major discipline.
4. In addition to the term notice, academic notice, and dismissal rules above, a college or a school may impose criteria for dismissing a student from a curriculum or college without prior academic standing of term notice or academic notice, may impose other terms of term notice or academic notice, and may specify a minimum lapse of time between a dismissal action and consideration of a petition for readmission. The dismissal rules may be waived when, in the judgment of the student's college, the student's overall record warrants such action.

a *In other university publications Dismissal Rules are sometimes referred to as Drop Rules. Term Notice and Academic Notice may be referred to as Probation.*

Change of Course Schedule—Dropping Courses

Undergraduate students may drop courses using my.UIC through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript.

Undergraduate students may drop a maximum of 4 UIC individual courses that result in a W notation on their transcript during their entire undergraduate degree program. A Term Withdraw does not count against this total.

Registration deadlines can be viewed online via the Administrative Calendar. Students are responsible for reviewing the Administrative Calendar and should consult an academic advisor should they need to drop a course.

Change of Major/Declaring a Major

Students are encouraged to discuss their options for majors within the College of Business Administration with faculty, career advisors, and academic advisors. CBA students must declare a major by the end of their sophomore year. Declaring or changing a major is done by making an appointment with an academic advisor.

Class Attendance

CBA's expectation is that students attend all scheduled classes because it is necessary for achieving academic success. Students should not expect instructors to accommodate poor attendance. Each instructor may establish specific attendance requirements for his/her course. The instructor is responsible for making the attendance policy clear to the students. An instructor cannot drop a student from a course due to nonattendance. It is the student's responsibility to make certain that all courses are added and dropped properly by the published deadlines.

Closed Courses

Courses close because a maximum enrollment capacity is placed on each course offered on campus. This limit cannot be exceeded due to fire code, safety and environmental regulations. It is necessary that students register at their assigned time to ensure the preferred course schedule.

College Level Examination Program (CLEP)

UIC awards credit based on scores earned on the College Level Examination Program (CLEP). When seeking credit for a CLEP exam taken at another institution, a student's official score will be evaluated on UIC's credit-granting policy.

CLEP credit can only apply toward general electives. CLEP credit will not count toward the foreign language or residency requirements. A student cannot take a CLEP exam in a subject in which they have already earned credit. Three elective credit hours will be awarded per exam. A maximum of 30 semester hours is allowed.

The full list of CLEP exams available is available online. The Office of Testing Services administers CLEP exams on campus and can be reached at (312) 996-0919 for further information on CLEP examinations.

Course Prerequisites

Students must meet all course prerequisites. The most up-to-date prerequisites for courses are listed on my.UIC. It is the student's responsibility to review course prerequisites before enrolling in a course. Prerequisites are put on courses to ensure students' success in the course and to maximize understanding and comprehension of the academic material. Students who do not meet published prerequisites may be **dropped** from the course.

Credit/No Credit Option

Students may elect to take courses on the credit/no credit grading option under the following conditions:

1. Students must be on clear academic status, not on academic notice;
2. Only one course per semester may be taken on the credit/no credit option;
3. A maximum of 21 semester hours of credit/no credit coursework can be earned at UIC. Courses that may **not** be taken on the credit/no credit option include:

Code	Title	Hours
Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	

ENGL 161	Academic Writing II: Writing for Inquiry and Research
COMM 100	Fundamentals of Human Communication
ECON 120	Principles of Microeconomics
ECON 121	Principles of Macroeconomics
MATH 125	Elementary Linear Algebra
MATH 160	Finite Mathematics for Business
MATH 165	Calculus for Business
MATH 180	Calculus I
MATH 181	Calculus II
• Business Core courses	
• Major business courses	
• Business elective courses	
• Any accounting courses	
• Any course a department or college stipulates as not eligible to be taken under the CR/NC option; this restriction should be listed on the course syllabus	
• Minor courses	

To elect this option, students must submit a completed Credit/No Credit Form. The form must be submitted online by 5:00 p.m. (the close of business) on the tenth day of instruction (or the first Friday of Summer Session 1 or the second Friday of Summer Session 2). No exceptions will be made to this policy.

Double Major, Double Degrees, and Second Bachelor's Degree

Double Major

Students pursuing a double major must submit a double major petition through Business Connect. Pursuing a double major requires completion of 138 to 141 credit hours.

To be eligible, a student must have GPAs (UIC, and cumulative) of 2.50 or higher and 60 semester hours completed.

The following CBA double major program combinations are prohibited:

- BS in Human Resource Management/BS in Management
- Bachelor of Business Administration (BBA)/any BS degree in the CBA

Dual Degrees

Students interested in pursuing a dual degree should submit a formal request through Business Connect. If a student's request is approved, the College of Business Administration will serve as the primary college. At minimum, students must complete an additional 30 credit hours but maybe as many as 60 (or more) additional hours due to the Business Core and Major Requirements for Bachelor of Science degrees in the College.

To be eligible, students must complete at least one semester of coursework at UIC, be in good academic standing with a cumulative grade point average of at least 3.00/4.00, and earn a 'C' or better in one of the required math courses or approved substitutes (MATH 160, MATH 165, MATH 180, MATH 181).

The following combination is prohibited:

- Bachelor of Business Administration (BBA)/BA in Music Business

Second Bachelor's Degree

Applicants who have already earned a bachelor's degree must apply to the graduate program.

Graduate-Level Courses for Undergraduate Credit

The College of Business Administration prohibits undergraduate students from registering for graduate-level courses and the use of graduate-level credit applied toward the undergraduate degree. Students should understand that graduate-level courses taken by an undergraduate student may not be applicable toward a future graduate or professional degree.

Independent Study

Students are required to contact an instructor in their major field of study to propose a topic for independent study. If approved, a Request for Independent Study Form must be completed and approved by the academic department before registering for an independent study course. In addition, if the course is to be applied toward the major, a formal petition must be approved by the department head and the Undergraduate Programs Office of the college. Students should consult their academic advisor and the department office for specific procedures regarding enrollment in independent study courses.

Petition Procedure

Students who want to make formal requests or appeal college policies do so by submitting a petition. CBA has various types of petitions available for different types of appeals, requests, or clarifications of policies and requirements. Students should work with their academic advisor to address any questions or concerns.

Proficiency Examinations

Students interested in earning proficiency credit should contact the department for information concerning eligibility and availability of a proficiency exam. This is subject to the university, college, and departmental policy on proficiency examinations. Proficiency credit cannot be earned by CBA students for major-level courses, nor can proficiency credit earned for a foreign language be used towards the degree. A student who earns proficiency credit is given the amount of credit toward graduation regularly allowed in the course. Proficiency credit is not considered an interruption of the enrollment residence requirement, nor a satisfaction of the last 30-semester-hour enrollment residence requirement for graduation.

Required Advising for Registration Approval

Each semester all Accounting majors who have started taking major-level accounting courses are required to meet with an academic advisor and an assigned faculty advisor in their major department prior to receiving approval to register. Students on academic notice must also meet with an academic advisor prior to registering for the next semester. Registration holds will not be removed from the student's account until these conditions have been met.

Repeat Policy for Standard Graded Courses

Students may repeat a course to increase their knowledge of the subject matter. There are circumstances under which repeating a course is advisable and to a student's advantage. There are also circumstances where repeating a course may disadvantage a student and narrow a

student's options. The College of Business Administration requires students to discuss any plan to repeat a course with their academic advisor before they register to repeat the course.

Courses with A, B, or C grades may not be repeated. Courses with D or F grades may be repeated once without written permissions. In all cases, the original grade for the course and the grade for each repeat **will appear on the transcript**. The original grade and the grade for each repeat will be calculated into the grade point average.

Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once requires written permission from the academic department head from which the course is being offered. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should always consult their CBA academic advisor before repeating a course.

Undergraduate Grade Point Average Recalculation/Grade Exclusion Policy

- The College of Business Administration may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- A student's academic record is examined to determine if courses, deemed appropriate by each college, with grades of D or grades of F may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The credit hours associated with excluded course grades will not count towards graduation requirements.
- Any major courses moved to the General/Free Elective category, in order to raise the major GPA, count toward the maximum of four exclusions.
- The college will initiate course exclusions, and only in consultation with the evaluated student.
- This policy only applies to undergraduate degree-seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- Grades earned from institutions other than UIC cannot be excluded.
- CBA academic advisors and departments will have discretion in choosing courses that impact the student's major or degree program.

Transferring

Intercollege Transfer Students

UIC students from other colleges may apply for transfer to the College of Business Administration. Admission is competitive and based on space availability. The following is a list of the **minimum** criteria needed to be considered for admission:

- A cumulative and UIC GPA of 2.00 or higher with a C or better in one of the required math courses and a 2.50 GPA for the previous, full-time, fall or spring semester.
- Students on academic notice or dismissal status will not be considered for admission.
- The BBA degrees are degree-completion programs intended for students who have completed an associate degree. They have additional admission requirements, including completion of 60 hours of college credit. See the BBA degree requirements page or the CBA website for additional information. The Online BBA program only admits students for the fall semester. Space is limited for the Online BBA program, and students will be notified should the program be at capacity.
- Students must submit their application by the deadlines listed on the CBA website.
- Students may not submit Intercollege transfer applications to multiple colleges. If a student has already applied to another college, such as the College of Engineering, they must cancel their application before submitting an Intercollege Transfer application to UIC Business.

Before Applying

- Students should run a degree audit for their major of interest in uAchieve to view the degree requirements and see how their completed/in-progress courses apply.
- Students should connect with a Career Advisor to ensure their major of interest aligns with their professional goals.
- Students who are not sure whether they want to change their major or who do not meet the math admission requirement, may apply for a Business Minor. If approved, they will have access to the courses required of the Minor, which will help to confirm their interest and make progress toward a degree in Business prior to changing majors.

Transfer Students from Other Colleges and Universities

Transfer applicants must earn a minimum cumulative grade point average of 2.50/4.00 in 24 semester hours at time of application and 36 semester hours (54-quarter hours) at time of enrollment. The minimum recommended GPA for consideration is 2.75.

Guidelines for the College of Business Administration's degree programs are as follows:

- Completion of English Composition I and English Composition II
- Completion of one of the required math courses with a grade of C or better.

Applicants who do not have one of the above courses completed may still be considered for admission and a holistic review of coursework will be completed.

Transferring Out of the College of Business Administration

Students should follow the process of the receiving college when requesting a transfer out of the College of Business Administration.

Minors

Minors for CBA Students

The College of Business Administration offers the following minors for students within the college. Completion of one of these programs will be noted on the official UIC transcript upon graduation. A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.

Minor	Department	Hours
Accounting[a]	Accounting	12
Business Analytics[a]	Information and Decision Sciences	12
Entrepreneurship[a]	Managerial Studies	12–15
Finance[a]	Finance	15
Human Resource Management[a]	Managerial Studies	12
International Business	Interdepartmental	15
Leadership[a]	Interdepartmental	12
Management Information Systems[a]	Information and Decision Sciences	12
Marketing[a]	Marketing	12
Professional Sales[a]	Marketing	12
Real Estate[a]	Real Estate	12
Sports Management	Managerial Studies	12
Supply Chain and Operations Management[a]	Information and Decision Sciences	12
Sustainable Business	Information and Decision Sciences	12

a *Students may not pursue a minor in the same area of study in which they are pursuing the major (e.g., Finance students may not pursue a Minor in Finance).*

Minors for Non-CBA Students

The College of Business Administration offers the following minors for students outside of the college. Completion of one of these programs will be noted on the official UIC transcript upon graduation. A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.

Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00 or above.

Minor	Department	Hours
Accounting	Accounting	12
Business Administration	Interdepartmental	18–19
Business Analytics	Information and Decision Sciences	12
Entrepreneurship	Managerial Studies	12–15
Finance	Finance	15
Human Resource Management	Managerial Studies	15
Leadership	Interdepartmental	12
Management Information Systems	Information and Decision Sciences	12
Marketing	Marketing	12
Professional Sales	Marketing	12
Real Estate	Real Estate	12
Sports Management	Managerial Studies	12
Supply Chain and Operations Management	Information and Decision Sciences	12
Sustainable Business	Information and Decision Sciences	12

The following combinations are prohibited:

- BA in Music Business/Minor in Business Administration
- BS in Data Science, Business Analytics Concentration/Minor in Business Analytics
- BS in Engineering Management/Minor in Business Administration

Academic Advising

Academic advisors are located in the CBA Undergraduate Programs Office located In Douglass Hall, Suite 110. Office hours are Monday through Friday, 8:30 to 4:45. Additional information can be found on the UIC Business Current Student website, BusinessConnect.

Advising Policy

The CBA Student Services Office provides academic advising regarding course selection and registration, transfer credit, academic notice, and progress made toward the degree. It is the student's responsibility to make certain that the degree requirements are fulfilled. The college strongly recommends that all students meet with an advisor each semester to plan a manageable course schedule to stay on track for graduation.

Required Advising

Students should meet with an advisor for any of the situations listed below:

- All new students will be matched with an academic advisor as part of the New Student Registration process. Be sure to follow the New Student Checklist provided by the university.
- All beginning freshmen should meet with their academic advisor each semester during their first year.
- All new transfer students are assigned an advisor and should meet with them during their first semester.
- All new intercollege transfer students should meet with an advisor in their first semester.
- Juniors and seniors majoring in Accounting should meet with a college advisor prior to meeting with an assigned faculty advisor in the Accounting department each semester.
- Students on academic notice and whose UIC GPA is below 2.00/4.00 may be required to meet with an advisor two to three times each semester until the probationary status has been cleared.
- All graduating seniors should meet with an advisor for a graduation check the semester before they plan to graduate. See Graduation Declaration/Filing to Graduate/Degree Completion in this section of the catalog for information on filing to graduate.

Individual academic advising is by appointment. Appointments can be made using the university advising appointment system, iAdvise. iAdvise is located under the Advising tab within the my.uic.edu portal. General questions can be answered by phone and email. Students faced with an emergency situation should contact CBA by emailing bizadvising@uic.edu.

Policies to Ensure Academic Progress

- Meet with an academic advisor **each semester to facilitate academic success** and stay on track for graduation.

- It is recommended that students enroll in a manageable course load of 12–16 hours the first semester of their first year. After the first semester, to complete the degree within four years, a student must enroll in an average course load of 15–16 hours per semester every semester after their first. The maximum course load is 18 hours per semester (12 hours between the two summer sessions).
- Students must choose courses for which they meet the prerequisites. Current prerequisites are listed on my.UIC or the online course descriptions.
- Students must enroll in a math or statistics course each semester until the sequence is completed.
- ENGL 160 and ENGL 161 should be completed by the end of the first year.
- ECON 120 should be completed during the first year.
- First Year students in the Cohort program will follow the advisor-prescribed academic plan for the first four semesters of enrollment at UIC.
- Finance, Information and Decision Sciences, and Marketing majors should complete the advanced quantitative skills course after IDS 270 credit is earned.

Academic Honors

College Honors

College Honors are awarded when a student graduates and are noted on both the diploma and transcript. To qualify for College Honors, students must do the following:

1. Complete the degree requirements.
2. Earn a minimum of 60 semester hours of credit at UIC.
3. Achieve a minimum UIC cumulative grade point average of 3.50.

Dean's List

Students are eligible for the Dean's List if they have completed a minimum of 12 graded hours, or 6 graded hours during the summer term, and if they earn a term grade point average of 3.50 or higher. Although the grade point average excludes courses taken on the credit/no credit option, a student who fails a course taken under this option is **ineligible** for the Dean's List.

Department Honors

Department Honors are awarded when a student graduates and are noted on the UIC official transcript. Department honors are awarded if the student meets the grade point average criteria listed below:

- **Distinction:** Overall cumulative GPA of 3.25 and major GPA of 3.25
- **High Distinction:** Overall cumulative GPA of 3.50 and major GPA of 3.50
- **Highest Distinction:** Overall cumulative GPA of 3.75 and major GPA of 3.75

Special Programs and Opportunities

Undergraduate Programs

- The CBA's official mode of communication is through UIC email and notifications in iAdvise. The CBA keeps its students informed of news and deadlines through UIC email and the UIC Business newsletter. CBA students are expected to check their UIC email account daily for updates.
- The CBA awards approximately $500,000 in scholarships per year. Applications are submitted online in January with the deadline in early February. Scholarship recipients are notified in April -June and the scholarship awards are distributed in the next fall semester. Information about applying for scholarships can be found online.
- The CBA offers Honors/Business Scholars courses each semester. Students must have a cumulative GPA of 3.40/4.00. These courses provide an enhanced classroom experience and more contact and interaction with the professor. The Honors Course Designation will be noted on the official UIC transcript.
- Business students may opt to live on the Business floors of the residence halls which provide an opportunity to connect, study, and socialize with other business students. Special programs are delivered by the college in the residence hall.
- Notable authors and business executives are invited to speak and interact with CBA students on a regular basis. Professional development opportunities will be offered via courses, the Business Career Center and Student Organization events.
- The Business Learning Center provides tutoring to business students in the areas of Accounting, Economics, Finance, and IDS.

Business Career Center

The UIC Business Career Center is open with all resources available to students, including career advising, workshops, job and internship opportunities, career fairs, and more. A team of experienced career coaches are here to help students learn the skills they need to find the right business career and translate their classroom experiences to the workplace.

Visit the UIC Business Connect for more information.

Academic Options

- UIC Business Scholars Program is a highly selective four-year cohort honors program for first-year undergraduate business majors designed to develop leadership excellence and professionalism through courses, workshops, service opportunities, and development activities. Students will be considered for a scholarship that is renewable for up to four years as long as the student remains eligible.
- The UIC Study Abroad Program and Exchange Program provide students the opportunity to take courses in universities around the world. Courses must be reviewed and approved by the College of Business Administration for credit towards graduation.

Honor Code

As an academic community, the College of Business Administration at the University of Illinois Chicago is committed to providing an environment in which teaching, learning, research, and scholarship can flourish and in which all endeavors are guided by academic and professional integrity. All members of the college community—students, faculty, staff, and administrators—share the responsibility of ensuring that high standards of integrity are upheld so that such an environment exists.

In pursuit of these high ideals and standards of academic life, students will be expected to respect and uphold the UIC College of Business Administration Honor Code throughout their academic life at UIC. They will be expected to maintain the highest moral and ethical standards in all academic and business endeavors and to conduct themselves honorably as responsible members of the college academic community. This includes the following:

- Not to seek unfair advantage over other students, including but not limited to giving or receiving unauthorized aid during completion of academic requirements;
- To represent fact and self truthfully at all times;
- To respect the property and personal rights of all members of the academic community.

Violations of the Honor Code are just causes for discipline under the University of Illinois Chicago Student Disciplinary Policy, and all allegations of Honor Code violations shall be handled pursuant to that policy.
All UIC Business students must sign the Undergraduate Student Academic Integrity Form.

Student Organizations and Co-Curricular Opportunities

Student organizations related to each of the business majors provide opportunities for students to interact with faculty, alumni, and corporate professionals. To learn more about student organizations please visit the UIC Business Connect website.

Beta Gamma Sigma

The College of Business Administration annually invites the upper 10 percent of the junior class and senior class to accept membership in Beta Gamma Sigma, the national scholastic honor society in the field of business administration. Inductees must have completed at least 30 semester hours at UIC and are chosen on the basis of their UIC and cumulative grade point averages.

Sample Business Major Curriculum for First Year Students

Note: Transfer students should meet with their assigned academic advisor for an individualized course plan.

Course	Title	Hours
Freshman Year		
First Semester		
BA 101	Business First-Year Seminar	1
ECON 120	Principles of Microeconomics	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
COMM 100	Fundamentals of Human Communication	3
Mathematics course		5
	Hours	**15**
Second Semester		
BA 100	Introduction to Professional Development	1
BA 111	Business Decision-Making	3
ACTG 210	Introduction to Financial Accounting	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Mathematics course		5
	Hours	**15**
Sophomore Year		
First Semester		
MGMT 340	Introduction to Organizations	3
ACTG 211	Introduction to Managerial Accounting	3
FIN 300	Introduction to Finance	3
IDS 270	Business Statistics I	4
MKTG 360	Introduction to Marketing	3
	Hours	**16**
Second Semester		
BA 200	Business Communication	3
BA 220	Business Professional Development II	1
IDS 200	Intro to Management Information Systems	4
Major course		3
Major course		3
	Hours	**14**
Junior Year		
First Semester		
BA 320	Civic Engagement (can be taken either semester junior year)	1
ECON 121	Principles of Macroeconomics	3
IDS 355	Operations Management	3
MGMT 350	Business and Its External Environment	3
Major course		3
Advanced Quantitative Skills course		3
	Hours	**16**
Second Semester		
Major course		3
Major course		3
Major course		3
Major course		3
General Education Core course (example: Understanding the Creative Arts) [a]		3
	Hours	**15**
Senior Year		
First Semester		
Major couse		3
Major course		3
General Elective (or Major course for Accounting)		3
Global Business Perspectives course		3
General Education Core course (example: World Cultures) [a]		3
	Hours	**15**
Second Semester		
ACTG 495 or FIN 495 or IDS 495 or MGMT 495	Competitive Strategy or Competitive Strategy or Competitive Strategy or Competitive Strategy	4
Major course		3
General Elective		4
General Education Core course (example: Understanding the Past) [a]		3
	Hours	**14**
	Total Hours	**120**

a *General Education courses may be taken in any semester in any order.*

Department of Accounting

Contact Information:
Campus Location: 2300 University Hall (UH)
Undergraduate Programs: Douglass Hall, Suite 110, (312) 996-2700

Administration:
Professor and Department Head, Melissa Martin, mamarti@uic.edu

Mission Statement

Consistent with the Mission of the College of Business Administration and the University of Illinois Chicago, the Department of Accounting is committed to the production and delivery of quality educational programs, discipline-based as well as interdisciplinary research, and service to the community.

Educational Mission

Students majoring in Accounting learn how to integrate conceptual and technical knowledge with practical application. The program prepares students for careers in financial, managerial, governmental/nonprofit, and international accounting, as well as auditing, information systems, taxation, and business law. Graduates are prepared to sit for certification examinations for the CPA, CMA, and similar certifications.

We deliver quality educational programs in accounting in the Chicago metropolitan area. The curriculum is designed with the goal of ensuring that the undergraduate students who major in accounting are well prepared for professional careers and certification candidacy. Students are encouraged to complete all degree requirements in a timely fashion through a coordinated program of faculty and academic advising. Internships are frequently used as an additional vehicle to prepare students for the professional settings. The department provides advanced programs of study through its graduate offerings including the MSA, joint MSA/MBA, and Master of Business Administration with a specialization in Accounting. Students may apply for the Guaranteed Admission to Master of Science in Accounting (GAMSA) program which allows students who meet criteria to be automatically accepted into the program, which will provide them with the 150-academic-hour requirement of the Illinois CPA examination.

Accreditation

The accounting department and its associated degree programs are separately accredited (in addition to the College of Business Administration accreditation) by AACSB International—The Association to Advance Collegiate Schools of Business.

BS in Accounting

Accounting is a system for identifying, measuring, and communicating to interested parties, the aggregate effects of a sequence of transactions engaged in by any entity over a specified period.

These entities include but are not limited to business firms, governmental units, and nonprofit organizations. Users of financial information include management, stockholders, and creditors. The scope of the accounting discipline is broad and varied. There are several specific functional areas within the field of accounting such as: financial accounting, managerial accounting, governmental and nonprofit accounting, international accounting, auditing, information systems, and taxation. The department also offers courses in business law and ethical issues in accounting.

CPA Exam in Illinois

The UIC Bachelor of Science in Accounting program satisfies the educational course requirements for taking the CPA exam in Illinois. For more information on Illinois CPA education requirements check the Illinois Board of Examiners website.

Degree Program

- BS in Accounting (p. 185)

BS in Accounting

Program Codes:
20FL1000BS

Degree Requirements

To earn a Bachelor of Science in Accounting degree from UIC, students need to complete university, college, and department degree requirements. The Department of Accounting degree requirements are outlined below. Students should consult the College of Business Administration (p. 173) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Course Requirements		45
Business Core		42
Major Requirements		18
Business Electives		15
Total Hours		**120**

General and Basic Course Requirements

See General and Basic Course Requirements (p. 174) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core

See Business Course Requirements (p. 175) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
ACTG 315	Intermediate Financial Accounting I	3
ACTG 316	Intermediate Financial Accounting II	3
ACTG 326	Cost Accounting	3
ACTG 435	Auditing	3
ACTG 445	Federal Income Tax I	3
ACTG 474	Accounting Information Systems	3
Total Hours		**18**

Business Electives

Code	Title	Hours
Courses		
Select 15 hours from the following:		15
ACTG 355	Business Law I: Commercial Transactions	
ACTG 417	Advanced Financial Accounting	
ACTG 436	Advanced Audit	
ACTG 437	Fraud and Forensic Accounting	
ACTG 446	Federal Income Tax II	
ACTG 447	Tax Research	
ACTG 456	Business Law II: Business Organizations	
ACTG 465	Governmental and Non-Profit Accounting	
ACTG 470	Ethical Environment of Business	
ACTG 475	Database Accounting Systems	
ACTG 476	Enterprise Accounting Systems	

ACTG 484	International Accounting	
ACTG 485	Valuation and Analysis	
ACTG 492	Advanced Data Analytics for Accountants	
ACTG 493	Accounting Cases, Research and Analysis	
ACTG 494	Special Topics in Accounting	
Total Hours		**15**

The Accounting department strongly recommends that students who intend to sit for the CPA exam include the following three courses among their five electives:

Code	Title	Hours
Courses		
ACTG 355	Business Law I: Commercial Transactions	
ACTG 417	Advanced Financial Accounting	
ACTG 446	Federal Income Tax II	
Before taking 300-level accounting courses, students should have completed the following courses:		
IDS 200	Intro to Management Information Systems	
IDS 270	Business Statistics I	
ECON 120	Principles of Microeconomics	
ECON 121	Principles of Macroeconomics	

Sample Business Major Curriculum

See Sample Business Major Curriculum (p. 184) in the College of Business Administration section. See your academic advisor for an individualized major map in your field of study.

Department of Finance

Contact Information:
Campus Location: 2133 University Hall (UH), Undergraduate Student Services: 1111 University Hall
(312) 996-2700
business.uic.edu/undergraduate-programs/bs-finance

Administration:
Associate Professor and Interim Department Head, Joan Farre-Mensa
Administrative Assistant, Debbie R. Reed

Department Mission Statement

The Department of Finance is a major unit within the College of Business Administration. The curriculum prepares students to be active participants in the finance industry. Based on engagement with finance professionals and the research of faculty, the department provides innovative educational programs that enhance the skills of students and apply lessons from the frontiers of academic research to critical business problems. The Chicago Mercantile Exchange Market Training Laboratory provides a unique environment to gain hands-on experience in trading and to understand the intricacies of financial markets. The Finance Department uses its Chicago location and fosters partnerships with the financial and academic communities to develop the leadership potential of our students.

The department's teaching mission involves:

- Providing strong professional training for careers in finance.
- Connecting undergraduate students to the financial services industry in the Chicago area.
- Introducing curriculum designed for specific areas of the financial services industry such as global finance, derivatives, risk management, banking, and portfolio and other investment strategies.
- Utilizing contemporary information technology in the learning process.
- Drawing upon other departments for interdisciplinary teaching areas, including accounting, information and decision sciences, and managerial studies.

BS in Finance

The finance curriculum studies the principles of financial analysis and control of individual business firms. It applies the principles to financial management, the valuation and selection of securities, and the influence of the monetary and banking system on economic activity. Students majoring in finance study how money is stored, protected, received, distributed, and managed. In the finance major, students are prepared for careers in the financial services industry. Research faculty members emphasize the newest and most innovative areas of finance.

Distinction

See Academic Honors (p. 183) in College of Business Administration section.

Degree Program

- BS in Finance (p. 186)

BS in Finance

Program Codes:
20FL0075BS

Degree Requirements

To earn a Bachelor of Science in Finance degree from UIC, students need to complete university, college, and department degree requirements. The Department of Finance degree requirements are outlined below. Students should consult the College of Business Administration (p. 173) section for additional degree requirements and college academic policies.

In order to complete the department courses required for the major, students must meet one of the following two requirements by the second semester of the sophomore year: a grade B or better in FIN 300; or a grade B or better in a course approved by the Department of Finance to count as equivalent to FIN 300 taken at an AACSB-accredited institution.

Code	Title	Hours
Summary of Requirements		
General and Basic Course Requirements		47
Business Core		42
Major Requirements		22
Business Electives		9
Total Hours		**120**

General and Basic Course Requirements

See General and Basic Course Requirements (p. 174) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core

See Business Course Requirements (p. 175) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
FIN 101	Careers in Finance	1
FIN 310	Investments	3
FIN 320	Managerial Finance	3
Major Electives		
15 additional hours at the 300 or 400 level in the Department of Finance. FIN 250 may also be applied toward the degree's major electives. Students may choose to focus their 15 elective hours within a concentration. Students may also choose to complete the degree without a concentration. In this case, students may fulfill their 15-hour elective requirement by choosing any combination of finance electives from within the Department of Finance. See lists below for career path suggestions.		15
Total Hours		**22**

Business Electives

Code	Title	Hours
Courses		
9 hours at the 200, 300, or 400 level chosen from courses in the College of Business Administration (excluding BA 220 and BA 320) or courses offered in the Economics department with a maximum of 6 hours at the 200 level (excluding ECON 270). Students may use their business electives to complete a second concentration within their major, if applicable, or a minor with the college. Students should work with their advisor in choosing appropriate business electives. Students pursuing the concentration in Financial Planning must take ACTG 444 or ACTG 445 as one of their Business Electives.		9
Total Hours		**9**

Concentrations

Students pursing a Bachelor of Science in Finance may choose specialize in one (or more) of the following concentrations:

Concentration in Corporate Finance

This concentration prepares students to work as financial officers of a company or financial institution. The concentration allows students to understand and analyze the financial statements, financial characteristics, and financial strategies of different types of firms.

Code	Title	Hours
Required Courses		
Students completing the Concentration in Corporate Finance must include five of the courses listed below as their Major Electives. At least three of the five courses must be in Tier A.		15
Tier A Courses:		
FIN 421	Advanced Corporate Finance	
FIN 422	Alternative Investments: Venture Capital, Private Equity, and Hedge Funds	
or FIN 445	Financing Entrepreneurship	
FIN 423	Financial Modeling, Analysis, and Decision Making	
FIN 442	International Corporate Financial Management [a]	
Tier B Courses:		
FIN 415	Fixed Income Securities	
FIN 416	Options and Futures Markets	
FIN 424	Financial Communication	
FIN 425	Energy Finance	
FIN 430	Introduction to Money and Banking	
FIN 431	Management in the Financial Services Industry	
FIN 479	Enterprise Risk Management	
Any related courses offered by the Department of Finance with the approval of the department head, in consultation with the department's Advisory Committee		
Students need a grade of B or higher in FIN 320 as a condition of completing the concentration in Corporate Finance.		
Total Hours		**15**

a *A student may count FIN 442 both as a Tier A course for the Concentration in Corporate Finance and toward the Global Business Perspective requirement in the CBA Business Core. However, students who use FIN 442 to satisfy the Global Business Perspective requirement are not able to apply FIN 442 additionally as a Major Elective towards the BS in Finance.*

Concentration in Financial Planning

Students completing the Concentration in Financial Planning must include the following courses as their Major Electives.

Code	Title	Hours
Required Courses		
FIN 250	Personal Finance	3
FIN 411	Retirement and Estate Planning	3
FIN 414	Financial Plan Development	3
FIN 473	Risk Management and Insurance	3
ACTG 444	Federal Income Tax for Financial Planning [a]	3
or ACTG 445	Federal Income Tax I	
Select 3 hours from:		3
FIN 412	Portfolio Management	
FIN 415	Fixed Income Securities	

FIN 419	Behavioral Finance	
FIN 422	Alternative Investments: Venture Capital, Private Equity, and Hedge Funds	
FIN 423	Financial Modeling, Analysis, and Decision Making	
FIN 424	Financial Communication	
FIN 430	Introduction to Money and Banking	
FIN 449	Applied Equity Investment Management	
Total Hours		**18**

a *ACTG 444 or ACTG 445 will count toward the Business Elective Requirement.*

Concentration in Investments and Capital Markets

This concentration introduces students to the theory and practice of managing investments. The professional investment manager must be aware of the vast range of investments available in the modern economy, the factors that determine returns and risks, and methods used to hedge risks.

Code	Title	Hours
Required Courses		
Students completing the Concentration in Investments and Capital Markets must include five of the courses listed below as their Major Electives. At least two of the five courses must be in Tier A.		15
Tier A Courses:		
FIN 412	Portfolio Management	
FIN 415	Fixed Income Securities	
FIN 416	Options and Futures Markets	
Tier B Courses:		
FIN 340	International Financial Markets	
FIN 419	Behavioral Finance	
FIN 422	Alternative Investments: Venture Capital, Private Equity, and Hedge Funds	
FIN 431	Management in the Financial Services Industry	
FIN 449	Applied Equity Investment Management	
FIN 456	Advanced Investment Management	
FIN 472	Real Estate Finance	
FIN 480	Securities Markets and High-Frequency Trading	
Any related courses offered by the Department of Finance with the approval of the department head, in consultation with the department's Advisory Committee		
Students need a grade of B or higher in FIN 310 as a condition of completing the concentration in Investments and Capital Markets.		
Total Hours		**15**

Concentration in Risk Management and Insurance

Students completing the Concentration in Risk Management and Insurance must include the following courses among their Major Electives selections:

Code	Title	Hours
Required Courses		
IDS/FIN 473	Risk Management and Insurance	3
FIN 474	Property and Casualty Insurance	3
FIN 475	Insurance Company Operations	3
Select 3 hours from:		3
FIN 431	Management in the Financial Services Industry	
IDS/FIN 479	Enterprise Risk Management	
Total Hours		**12**

Sample Business Major Curriculum

See Sample Business Major Curriculum (p. 173) in the College of Business Administration section. Students should see their academic advisor for an individualized major map in their field of study.

Department of Information and Decision Sciences (IDS)

Contact Information:
Campus Location: 2402-2404 University Hall (UH), Undergraduate Programs: 1118 UH
(312) 996-2700
business.uic.edu/undergraduate-programs/bs-information-decision-sciences

Administration:
Associate Professor and Interim Department Head, Ali Tafti, atafti@uic.edu
Director of Undergraduate Studies, Unsal Ozdogru, uozdogru@uic.edu

The Department of Information and Decision Sciences offers programs and courses in information systems, operations and supply chain management, and business analytics. IDS explores the synergies between information technology, business data and analytics, e-business, supply chain management, and risk management in today's business organizations. The department is committed to educating the next generation of business leaders in these high job growth areas at the cutting edge of current business innovations. IDS faculty are active in research on information systems and applications, technology and innovation management, data analytics, business statistics and forecasting, supply chain management, e-business, mobile computing, health informatics, and social media.

The curriculum integrates foundational knowledge with experiential learning and real-world projects. Projects with industry partners are a required component of the program. IDS courses reflect technology advancements and changing business needs to address current areas where there is strong market demand for well-trained business professionals. Students can select courses to specialize in Management Information Systems, Business Analytics, or Supply Chain and Operations Management.

The program also provides ideal preparation for graduate study leading to the MS in Business Analytics, MS in Management Information Systems, Master of Business Administration, and other advanced degrees. Students who meet established criteria can apply for Preferred Admission to the MS in Business Analytics program and the Guaranteed Admission into the MS in Management Information Systems program (GAMIS) program.

Distinction

See Academic Honors (p. 183) in College of Business Administration section.

Degree Program

- BS in Information and Decision Sciences (p. 189)

BS in Information and Decision Sciences

Program Codes:
20FL1347BS

Degree Requirements

To earn a Bachelor of Science in Information and Decision Sciences degree from UIC, students need to complete university, college, and department degree requirements. The Department of Information and Decision Sciences degree requirements are outlined below. Students should consult the College of Business Administration (p. 173) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Course Requirements		48
Business Core		42
Major Requirements		18
Business Electives		12
Total Hours		**120**

General and Basic Course Requirements

See General and Basic Course Requirements (p. 174) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core

See Business Course Requirements (p. 175) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
IDS 201	Introduction to Business Programming	3
or IDS 331	Business Analysis Using Spreadsheets	
IDS 410	Business Database Technology	3
12 additional hours of 300- or 400-level courses from the IDS department. IDS 201 may also be applied toward the degree's major electives. Students may choose to focus their 12 elective hours within a concentration. Students may also choose to complete the degree without a concentration. In this case, students may fulfill their 12-hour elective requirement by choosing any combination of IDS electives from within the Department of Information and Decision Sciences. See lists below for concentration path suggestions.		12
Total Hours		**18**

Business Electives

Code	Title	Hours
Courses		
12 hours at the 200, 300, or 400 level chosen from courses in the College of Business Administration (excluding BA 220 and BA 320) or courses offered in the Economics department with a maximum of 6 hours at the 200 level (excluding ECON 270). Students may use their business electives to complete a second concentration within their major, if applicable, or a minor with the college. Students should work with their advisor in choosing appropriate business electives.		12
Total Hours		**12**

Concentrations

Students may choose to focus their IDS and CBA elective courses within one or more of the following concentrations. The same course cannot be counted towards more than one concentration. Students may also choose to complete the major in IDS without any concentration. For this, students may choose any combination of IDS electives to fulfill the requirements for the major.

Concentration in Business Analytics

Code	Title	Hours
Required Courses		
IDS 472	Business Data Mining	3
IDS 400	Programming for Data Science in Business	3
Select two of the following:		6
IDS 201	Introduction to Business Programming	
IDS 422	Text Mining for Business Applications	
IDS 435	Optimization for Analytics	
IDS 460	Causal Inference	
IDS 462	Statistical Software for Business Applications	
IDS 470	Multivariate Analysis	
IDS 476	Business Forecasting Using Time Series Methods	
Recommended Business Electives		
It is recommended that students take additional business analytics electives as part of their 12 hours of business elective courses. Other recommended business electives are listed below. A course can be used to satisfy only one area of required or elective courses.		
IDS 312	Business Project Management	
IDS 313	Internet Applications in Business	
IDS 331	Business Analysis Using Spreadsheets	

IDS 406	IDS Consulting Practicum
IDS 420	Business Model Simulation
IDS 454	Introduction to Supply Chain Management
IDS 455	Data-Driven Decisions for Sustainable Business
IDS 473	Risk Management and Insurance
FIN 310	Investments
FIN 416	Options and Futures Markets
FIN 480	Securities Markets and High-Frequency Trading
MKTG 460	Marketing Analytics
MKTG 462	Marketing Research
MKTG 479	Digital and Social Media Marketing

Concentration in Management Information Systems

Code	Title	Hours
Required Courses		
Prerequisite: IDS 201, as part of the IDS major requirement.		
IDS 401	Business Object Programming using Java	3
IDS 405	Business Systems Analysis and Design	3
Select any two of the following:		6
IDS 313	Internet Applications in Business	
IDS 400	Programming for Data Science in Business	
IDS 403	Information Security	
IDS 406	IDS Consulting Practicum	
IDS 413	Internet Technology and Management	
IDS 422	Text Mining for Business Applications	
IDS 472	Business Data Mining	
IDS 494	Topics in Information and Decision Sciences	
Recommended Business Electives		
It is recommended that students take additional management information systems electives as part of their 12 hours of business electives courses. Other recommended business electives are on the list below. A course can be used to satisfy only one area of required or elective courses.		
IDS 312	Business Project Management	
IDS 331	Business Analysis Using Spreadsheets	
IDS 406	IDS Consulting Practicum	
IDS 451	Enterprise Operations and Supply Chain Systems	
IDS 454	Introduction to Supply Chain Management	
IDS 462	Statistical Software for Business Applications	

Concentration in Supply Chain and Operations Management

Code	Title	Hours
Required Courses		
IDS 450	Supply Chain Planning and Logistics	3
IDS 454	Introduction to Supply Chain Management	3
Select two of the following:		6
IDS 420	Business Model Simulation	
IDS 435	Optimization for Analytics	
IDS 451	Enterprise Operations and Supply Chain Systems	
IDS 453	Supply Chain Management: Sourcing and Procurement	
IDS 472	Business Data Mining	
IDS 476	Business Forecasting Using Time Series Methods	
Recommended Business Electives		
It is recommended that students take additional supply chain and operations management electives as part of their 12 hours of business elective courses. Other recommended business electives are in the list below. A course can be used to satisfy only one area of required or elective course.		
IDS 201	Introduction to Business Programming	
IDS 312	Business Project Management	
IDS 313	Internet Applications in Business	
IDS 400	Programming for Data Science in Business	
IDS 405	Business Systems Analysis and Design	
IDS 406	IDS Consulting Practicum	
IDS 455	Data-Driven Decisions for Sustainable Business	
IDS 457	Foundations for Sustainable Business	
IDS 462	Statistical Software for Business Applications	
IDS 470	Multivariate Analysis	
IDS 479	Enterprise Risk Management	
ACTG 326	Cost Accounting	
ACTG 355	Business Law I: Commercial Transactions	
MGMT 481	Managerial Logistics	
MKTG 463	Marketing and Sales Channels	

Sample Business Major Curriculum

See Sample Business Major Curriculum (p. 173) in the College of Business Administration section. See your academic advisor for an individualized major map in your field of study.

Department of Managerial Studies

Contact Information:
Campus Location: 2203 University Hall (UH), Undergraduate Programs: 1118 UH
(312) 996-2700

Entrepreneurship: business.uic.edu/undergraduate-programs/bs-entrepreneurship, Management: business.uic.edu/undergraduate-programs/bs-management-degree-program

Administration:
Professor and Department Head, Mary Beth Watson-Manheim, mbwm@uic.edu

The Department of Managerial Studies offers a Bachelor of Science in Entrepreneurship, a Bachelor of Science in Human Resource Management, and a Bachelor of Science in Management.

BS in Entrepreneurship

The field of entrepreneurship provides knowledge of new venture opportunities, methods for creating and growing enterprises, and the role of entrepreneurship and young or smaller firms in economic development and the world economy. The program will help prepare students to create their own ventures, work in professional sectors that serve small or young businesses, or contribute significantly to the success of businesses in which they are employed.

BS in Human Resource Management

The BS in Human Resource Management prepares students to hold positions in a broad range of areas such as recruiter, benefits manager, trainer, job analyst, compensation analyst, and diversity manager.

BS in Management

The field of management is concerned with the effective organization, development, and administration of business and other organizations. Students receive both theoretical and practical preparation for a variety of responsible managerial and specialist positions. The degree program in management emphasizes analytical thinking for effective decision making and broad preparation for leadership positions. In addition, students are also able to choose among three concentrations depending upon their interests and career focus:

- Leadership and Managerial Competencies
- Management Consulting
- Managerial Logistics

Employment opportunities include general management positions in manufacturing, distribution, and service industries; staff positions in human resources management and industrial relations departments; and management positions in transportation and physical distribution.

Distinction

See Academic Honors (p. 183) in College of Business Administration section.

Degree Programs

- BS in Entrepreneurship (p. 191)
- BS in Human Resource Management (p. 192)
- BS in Management (p. 192)

BS in Entrepreneurship

Program Codes:
20FL3501BS

Degree Requirements

To earn a Bachelor of Science in Entrepreneurship degree from UIC, students need to complete university, college, and department degree requirements. The Department of Managerial Studies degree requirements are outlined below. Students should consult the College of Business Administration (p. 173) section for additional degree requirements and college academic policies. Students who wish to pursue the entrepreneurship degree may seek individual advising on their programs of study through the Undergraduate Programs office.

Code	Title	Hours
Summary of Requirements		
General Course Requirements		48
Business Core		42
Major Requirements		18
Business Electives		12
Total Hours		**120**

General and Basic Course Requirements

See General and Basic Course Requirements (p. 174) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core

See Business Course Requirements (p. 175) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
ENTR 310	Introduction to Entrepreneurship	3
ENTR 445	New Venture Planning	3
ENTR 454	Entrepreneurship New Venture Formation	3
Select three of the following:		9
ENTR 320	Entrepreneurship Internship Program	
ENTR 420	Social Entrepreneurship	
ENTR 435	International Entrepreneurship	
ENTR 444	Entrepreneurial Finance	
or FIN 445	Financing Entrepreneurship	
ENTR 494	Special Topics in Entrepreneurship	
Total Hours		**18**

Business Electives

Code	Title	Hours
Courses		
12 hours at the 200, 300 or 400 level chosen from courses in the College of Business Administration (excluding BA 220 and BA 320) or courses offered in the Economics department with a maximum of six hours at the 200 level (excluding ECON 270). Students may use their business electives to complete a second concentration within their major, if applicable, or a minor with the college. It is recommended that students choose Entrepreneurship courses or select from the following list of courses, which are particularly related to Entrepreneurship. Some courses have prerequisites, which will require careful planning. Students should work with their advisor in choosing appropriate business electives.		12
ACTG 355	Business Law I: Commercial Transactions	
MGMT 355	Structured Problem Solving for Consulting Projects	
MGMT 453	Human Resource Management	
MGMT 463	Negotiation and Conflict Resolution	
MGMT 470	Training and Development	
MGMT 486	Managerial Consulting	
MGMT 490	Cracking the Case: Case Analysis for Consulting Projects	
MKTG 462	Marketing Research	
MKTG 463	Marketing and Sales Channels	
MKTG 470	Branding	
MKTG 476	Business-to-Business (B2B) Marketing	
MKTG 479	Digital and Social Media Marketing	
Total Hours		**12**

Sample Business Major Curriculum

See Sample Business Major Curriculum (p. 184) in the College of Business Administration section. See your academic advisor for an individualized major map in your field of study.

BS in Human Resource Management

Program Codes:
20FL5715BS

Degree Requirements

To earn a Bachelor of Science in Human Resource Management from UIC, students need to complete university, college, and department degree requirements. The Department of Managerial Studies degree requirements are outlined below. Students should consult the College of Business Administration (p. 173) section for additional degree requirements and college academic policies. Students majoring in Management are not eligible for a BS in Human Resource Management.

Code	Title	Hours
Summary of Requirements		
General and Basic Course Requirements		48
Business Core		42
Major Requirements		21
Business Electives		9
Total Hours		**120**

General and Basic Course Requirements

See General and Basic Course Requirements (p. 174) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core

See Business Course Requirements (p. 175) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
MGMT 452	Organizational Behavior	3
MGMT 453	Human Resource Management	3
MGMT 455	Talent Management and Global Human Resources	3
Select three of the following:		9
MGMT 464	Employment Recruitment and Selection	
MGMT 465	Compensation and Reward Systems	
MGMT 470	Training and Development	
MGMT 475	Leadership Theories and Personal Leadership Skills Development	
MGMT 486	Managerial Consulting	
Three additional hours selected from among the nonrequired 300- or 400-level MGMT courses		3
Total Hours		**21**

Business Electives

Code	Title	Hours
Electives		
9 hours at the 200, 300, or 400 level chosen from courses in the College of Business Administration (excluding BA 220 and BA 320) or courses offered in the Economics department with a maximum of 6 hours at the 200 level (excluding ECON 270). Students may use their business electives to complete a second concentration within their major, if applicable, or a minor with the college. Students should work with their advisor in choosing appropriate business electives.		9
Total Hours		**9**

Sample Business Major Curriculum

See Sample Business Major Curriculum (p. 184) in the College of Business Administration section. See your academic advisor for an individualized major map in your field of study.

BS in Management

Program Codes:
20FL9870BS

Degree Requirements

To earn a Bachelor of Science in Management from UIC, students need to complete university, college, and department degree requirements. The Department of Managerial Studies degree requirements are outlined below. Students should consult the College of Business Administration (p. 173) section for additional degree requirements and college academic policies. Students majoring in Human Resource Management are not eligible for a BS in Management.

Code	Title	Hours
Summary of Requirements		
General and Basic Course Requirements		48
Business Core		42
Major Requirements		21
Business Electives		9
Total Hours		**120**

General and Basic Course Requirements

See General and Basic Course Requirements (p. 174) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core

See Business Course Requirements (p. 175) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
MGMT 445	Organizational Theory	3
MGMT 452	Organizational Behavior	3
MGMT 453	Human Resource Management	3
Twelve additional hours selected from among the non-required 300- or 400-level courses in Management, except MGMT 499.		12
Total Hours		**21**

Students may choose to focus 9 of their 12 elective hours within a given concentration. The same elective cannot be counted toward more than one concentration. Students may also choose to complete the degree without a concentration. In this case, students may fulfill their elective requirement by choosing any combination of management electives from within the Department of Managerial Studies, including a cross-listed course with sociology:

Code	Title	Hours
Cross-listed Course		
MGMT 447	Organizations	3

The Department of Managerial Studies offers the following three concentrations in management:

Concentration in Leadership and Managerial Competencies

Code	Title	Hours
The following courses are required:		9
MGMT 475	Leadership Theories and Personal Leadership Skills Development	
MGMT 463	Negotiation and Conflict Resolution	
MGMT 466	Managerial Effectiveness Through Diversity	

Concentration in Management Consulting

Code	Title	Hours
The following courses are required:		6
MGMT 355	Structured Problem Solving for Consulting Projects	
MGMT 486	Managerial Consulting	
Select one of the following:		3
MGMT 463	Negotiation and Conflict Resolution	
MGMT 485	Corporate Sustainability and Responsibility	
MGMT 490	Cracking the Case: Case Analysis for Consulting Projects	

Concentration in Managerial Logistics

Code	Title	Hours
The following courses are required:		6
MGMT 480	Transportation Systems Management	
MGMT 481	Managerial Logistics	
Select one of the following:		3
MKTG 463	Marketing and Sales Channels	
IDS 454	Introduction to Supply Chain Management	

Business Electives

Code	Title	Hours
Electives		
9 hours at the 200, 300, or 400 level chosen from courses in the College of Business Administration (excluding BA 220 and BA 320) or courses offered in the Economics department with a maximum of 6 hours at the 200 level (excluding ECON 270). Students may use their business electives to complete a second concentration within their major, if applicable, or a minor with the college. Students should work with their advisor in choosing appropriate business electives.		9
Total Hours		**9**

Sample Business Major Curriculum

See Sample Business Major Curriculum (p. 173) in the College of Business Administration section. See your academic advisor for an individualized major map in your field of study.

Department of Marketing

Contact Information:

Campus Location: 2433 University Hall (UH), Undergraduate Programs: 1118 UH
(312) 996-2700
business.uic.edu/undergraduate-programs/bs-marketing-degree

Administration:
Professor and Interim Department Head: David Gal
Business Manager: Serena Goulos

The Department of Marketing offers a Bachelor of Science in Marketing.

Marketing involves all activities that help a company create and deliver value to customers and society. These activities include conducting research to understand current and future customers, developing new products and services, improving the company's existing offerings, and communicating with the market through traditional or digital media and the company's sales organization. The department offers a range of courses in different aspects of marketing, and students can also choose among four concentrations depending on their interests and career focus:

- Data-Driven Marketing
- Digital Marketing
- Innovation and Product Strategies
- Sales Leadership

The objective of the curriculum is to provide students with a sound understanding of marketing theory, a keen sense of how to apply it in practice, and opportunities for developing skills needed for a successful career in marketing.

Distinction

See Academic Honors (p. 183) in the College of Business Administration section.

Degree Programs

- BS in Marketing (p. 194)

BS in Marketing

Program Codes:
20FL1432BS

Degree Requirements

To earn a Bachelor of Science in Marketing degree from UIC, students need to complete university, college, and department degree requirements. The Department of Marketing degree requirements are outlined below. Students should consult the College of Business Administration (p. 173) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Course Requirements		48
Business Core		42
Major Requirements		18
Business Electives		12
Total Hours		**120**

General and Basic Course Requirements

See General and Basic Course Requirements (p. 174) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core

See Business Course Requirements (p. 175) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
MKTG 370	Quantitative Marketing Skills	3
MKTG 461	Consumer Behavior	3
MKTG 465	Strategic Marketing Management	3
Nine additional hours selected from among the nonrequired 400-level courses in Marketing, except MKTG 499.		9
Total Hours		**18**

Students may choose to focus their nine elective hours for their major within a given concentration. The same elective cannot be counted toward more than one concentration. Students may also choose to complete the degree without a concentration. In this case, students may fulfill their 9-hour elective requirement by choosing any combination of marketing electives from within the Department of Marketing.

The Department of Marketing offers the following concentrations:

Concentration in Data-Driven Marketing

Code	Title	Hours
Select three of the following:		9
MKTG 458	Digital Marketing Research [a]	
MKTG 459	Qualitative Research and Discovery: Uncovering Consumer Insights in Marketing	
MKTG 460	Marketing Analytics	
MKTG 467	Business Intelligence in Marketing [a]	
MKTG 468	Advanced Marketing Research [a]	
MKTG 475	Product Management	
Total Hours		**9**

a *MKTG 462 is a prerequisite for MKTG 458, MKTG 467, and MKTG 468, and should be taken by marketing majors as the Advanced Quantitative Skills course under* Business Core *(p. 175)—(p. 175)*Selective Courses *(p. 175). (p. 175)*

Concentration in Digital Marketing

Code	Title	Hours
Select two of the following:		6
MKTG 455	Multichannel Retailing	
MKTG 470	Branding	
MKTG 474	Integrated Marketing Communications	
MKTG 479	Digital and Social Media Marketing	
Select one of the following:		3
MKTG 458	Digital Marketing Research	

	MKTG 464	Content Marketing
	MKTG 467	Business Intelligence in Marketing
Total Hours		**9**

Concentration in Innovation and Product Strategies

Code	Title	Hours
Select one of the following:		3
MKTG 475	Product Management	
MKTG 482	Innovation Management [a]	
Select two of the following:		6
MKTG 452	Principles of Retailing	
MKTG 459	Qualitative Research and Discovery: Uncovering Consumer Insights in Marketing	
MKTG 470	Branding	
MKTG 471	Services Marketing	
MKTG 475	Product Management	
MKTG 480	Approaches to Creativity	
MKTG 482	Innovation Management [a]	
MKTG 485	Customer Experience Management	
Total Hours		**9**

a MKTG 462 *is a prerequisite for MKTG 482 and should be taken by marketing majors as the Advanced Quantitative Skills course under* Business Core *(*p. 175*)* — (p. 175)Selective Courses *(*p. 175*).*

Concentration in Sales Leadership

Code	Title	Hours
The following course is required:		3
MKTG 473	Introduction to Sales	
Select two of the following:		6
MKTG 463	Marketing and Sales Channels	
MKTG 476	Business-to-Business (B2B) Marketing	
MKTG 481	Advanced Sales	
MKTG 483	Social Selling and Sales Technology	
Total Hours		**9**

Business Electives

Code	Title	Hours
Electives		
12 hours at the 200, 300, or 400 level chosen from courses in the College of Business Administration (excluding BA 220 and BA 320) or courses offered in the Economics department with a maximum of 6 hours at the 200 level (excluding ECON 270). Students may use their business electives to complete a second concentration within their major, if applicable, or a minor with the college. Students should work with their advisor in choosing appropriate business electives.		12
Total Hours		**12**

Sample Business Major Curriculum

See Sample Business Major Curriculum (p. 184) in the College of Business Administration section. See your academic advisor for an individualized major map in your field of study.

Department of Real Estate

Contact Information:
Campus Location: 2201 University Hall (UH)
(312) 355-9490
businessconnect.uic.edu/undergrad/undergrad-programs

Administration:
Professor and Department Head: Andrew Hanson, arhanson@uic.edu

The BS in Real Estate Studies program is designed to provide the background required by employers in the real estate industry, while also providing the rigorous academic training needed for graduate study in real estate or finance. The program emphasizes development of the skills required to conduct financial analysis of real estate investments, along with a thorough understanding of real estate institutions and training in market analysis and development.

The real estate major directly supports four of UIC's mission statements:

- To create knowledge that transforms our views of the world and, through sharing and application, transforms the world.
- To provide a wide range of students with the educational opportunity only a leading research university can offer.
- To address the challenges and opportunities facing not only Chicago but all Great Cities of the 21st century, as expressed by our Great Cities Commitment.
- To foster scholarship and practices that reflect and respond to the increasing diversity of the U.S. in a rapidly globalizing world.

Distinction

See Academic Honors in the College of Business Administration section.

Degree Program

- BS in Real Estate (p. 195)

BS in Real Estate

Program Codes:
20FL1657BS

Degree Requirements

To earn a Bachelor of Science in Real Estate degree from UIC, students need to complete university, college, and department degree requirements. The Department of Real Estate degree requirements are outlined below. Students should consult the College of Business Administration section for additional degree requirements and college academic policies.

Real Estate majors should pass FIN 300 (the required finance course in the business core) with a grade of C or better by the fall semester of their sophomore year in order to complete the required department courses.

Code	Title	Hours
Summary of Requirements		
General and Basic Course Requirements		48
Business Core		42
Major Requirements		18
Business Electives		12
Total Hours		**120**

General and Basic Course Requirements

See General and Basic Course Requirements (p. 174) in the College of Business Administration section for the list of courses needed to meet this requirement.

Business Core

See Business Course Requirements (p. 175) in the College of Business Administration section for the list of courses needed to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
RES 250	Real Estate Principles	3
RES 420	Real Estate Market Analysis	3
RES 450	Real Estate Data Analysis	3
Nine additional hours of 300-level or 400-level courses in the Handler Department of Real Estate [a]		9
Total Hours		**18**

a *Students may substitute up to three hours of 400-level coursework from the Department of Finance.*

Business Electives

Code	Title	Hours
Courses		
12 hours at the 200, 300, or 400 level chosen from courses in the College of Business Administration (excluding BA 220 and BA 320) or courses offered in the Economics department with a maximum of 6 hours at the 200 level (excluding ECON 270). Students may use their business electives to complete a second concentration within their major, if applicable, or a minor with the college. Students should work with their advisor in choosing appropriate business electives.		12
Total Hours		**12**

Sample Business Major Curriculum

See Sample Business Major Curriculum (p. 184) in the College of Business Administration section. Students should see their academic advisor for an individualized major map in their field of study.

Bachelor of Business Administration (BBA)

Mailing Address:
Office of Undergraduate Admissions, MC 018
University of Illinois Chicago
Suite 1100 Student Services Building
1200 West Harrison Street
Chicago, IL 60607-7161

Contact Information:
Campus Location: 110 Douglas Hall (DH): Academic Services and Business Career Center
(312) 996-2700 (Academic Services), (312) 996-5139 (Business Career Center), (844) 819-5615 (toll-free)
bba@uic.edu
Undergraduate Programs: business.uic.edu/undergraduate-programs/online-bachelor-business-administration

Administration:
Dean, Sandy J. Wayne
Undergraduate Programs: Assistant Dean, Elizabeth Sady (On Campus Program); Assistant Dean, Angela Prazza Winters (Online Program)

Program Codes:
2PFL0079BBAU (online)
20FL5993BBA (on-campus)

Introduction

The Bachelor of Business Administration (BBA) Degree Completion program offers a challenging variety of courses intended to give students a well-rounded background in all aspects of operating a business. The program helps students develop critical-thinking, problem-solving, leadership, and other skills that will serve them on the job today as well as become a foundation for lifelong learning. For the online program, the courses are offered in an eight-week format (two courses per session when available) and regular (one course per session) track.

These business courses help equip students to adapt to the constantly changing business world, including the globalization of the economy. They give students credentials that can serve as a launching pad for a variety of business operation and leadership positions, as well as an advanced degree in business.

The College of Business Administration provides leadership in the creation and transmission of knowledge as one of the largest and best undergraduate business programs in the Chicago area. This outstanding education is enhanced through high-quality graduate programs, academically challenging and innovative theoretical and applied research, active professional development programs, and an array of research and outreach centers.

Accreditation

The College of Business Administration is accredited by AACSB International—The Association to Advance Collegiate Schools of Business. AACSB International accreditation represents the highest standard of achievement for business schools worldwide. Institutions that earn accreditation confirm their commitment to quality and continuous improvement through a rigorous and comprehensive peer review. AACSB accreditation is the hallmark of excellence in management education.

Admission

BBA application deadlines and complete admissions information can be found on the CBA website. Interested students should fill out the form found on the college website to arrange for a review of their transcripts and to determine where they stand with respect to the admission requirements and prerequisites, which are described below.

Admission Requirements

The Bachelor of Business Administration degree completion program from the College of Business Administration at the University of Illinois Chicago covers the final 60 semester hours required to receive the bachelor's degree. Students meet the admission requirements for the BBA degree completion program if they have:

- Completed at least 60 hours of prerequisite postsecondary coursework (see description of prerequisites on the degree page). A grade of C or better is required in the core requirements (mathematics, and economics), as well as any business core courses taken prior to enrollment.
- Maintained a cumulative GPA of 2.50/4.00 in all postsecondary coursework

Students should submit the following to support their request for admission:

- A completed application
- Official transcripts from all prior postsecondary institutions attended, including prior attendance at any campus of the University of Illinois

Records are considered official if they meet one of the following criteria:

- The issuing institution sends them electronically to bba@uic.edu.
- They are certified as true copies by an official of the educational institution, an embassy official, or an appropriate government official.
- They have been received in an envelope sealed by the issuing institution or from an authorized email address.

International Students

The college considers an international student to be any student who does not have American citizenship or permanent residency status. In addition to the materials requested above and TOEFL scores, international applicants must also submit:

- A list of all subjects/courses studied each year
- Grades or examination results received, including maximum and minimum grades obtainable
- Certified/attested English translation of all credentials
- Degrees, certificates, and diplomas awarded accompanied by leaving results
- Official syllabus in English describing fully all coursework attempted

The above items should be mailed to:
Office of Undergraduate Admissions, MC 018
University of Illinois Chicago
Suite 1100 Student Services Building
1200 West Harrison Street
Chicago, IL 60607-7161

Academic Advising Services

BBA students will have a designated advisor for their program to ensure academic success. Advising will be delivered in a variety of online methods and also using the existing student advising program. Advisors will work with students to customize their schedule if life events, or other circumstances, prevent them from following the prescribed order.

Business Career Center Services

The Business Career Center offers students help with anything from general career advice to exploring specific career paths. Students can schedule a one-on-one meeting with a career advisor by signing up through UIC Careers.

Textbooks and Course Packets

Textbooks are available through the UIC Bookstore Online or other vendors including eBook options. Textbooks and materials for each term are available in the Student Resource Center several weeks prior to each start.

Library Services

The University of Illinois Chicago provides easy access to library resources online, including electronic reserves and materials necessary to complete course-related research. Assistance will be available by email, phone, or the "Ask the Librarian" feature. Online tutorials, guides, and other forms of assistance will help students gain familiarity with the library resources most appropriate for a program.

- Bachelor of Business Administration (On-Campus) (p. 197)
- Bachelor of Business Administration (Online) (p. 198)

Bachelor of Business Administration (On-Campus)

Program Codes:
20FL5993BBA

Prerequisites

Students must have completed at least 60 hours of postsecondary coursework, in the following two categories:

Code	Title	Hours
Core Requirements (16 hours)		
English Composition I		3
English Composition II		3
Principles of Macroeconomics		3
Principles of Microeconomics		3
Finite Mathematics, Calculus, or Business Calculus		4
General Education and Elective Requirements (44 hours)		
Analyzing the Natural World [a]		3-5
Exploring World Cultures [a]		3
Understanding the Creative Arts [a]		3
Understanding the Individual and Society [a]		3
Understanding the Past [a]		3
Understanding U.S. Society [a]		3
Electives [b]		24-26
Total Hours		**60**

a *There are numerous courses that can be applied to these categories and satisfy the university requirement of 24 hours of general education coursework with at least one course in each of these categories. Students can find a list of these courses and other information about UIC General Education requirements in the General Education section of the catalog.*

b *Other Mathematics, Calculus, Statistics or quantitative analysis courses are highly recommended prerequisites that can be taken in order to satisfy the 24 hours of Electives requirements. However, many courses that satisfy the above general education requirements as well as those*

required for an associate's degree in business can also satisfy the Electives requirements.

Please Note: An earned Associate of Arts degree from an Illinois community college fulfills the General Education requirements, per the Illinois Articulation Initiative. Students transferring with an Associate of Science degree from an Illinois community college may need to complete additional General Education courses after they transfer to fulfill remaining requirements. Students who have not earned either of these degrees must complete 60 transferable hours, including the Core and General Education requirements listed above.

Students can select from a number of different courses to satisfy the broad General Education categories listed above. Following is a brief description of each category:

- Analyzing the Natural World: Courses in this category should introduce students to scientific and mathematical concepts and methods.
- Exploring World Cultures: Courses in this category should address significant aspects of any culture that is not part of the mainstream American culture.
- Understanding the Creative Arts: Courses in this category should focus, in close detail, on a number of significant works in literature, art, or other media.
- Understanding the Individual and Society: Courses in this category should introduce students either to the complexities of the individual or the relationship of the individual to social structures.
- Understanding the Past: Courses in this category should have as their focus significant past events.
- Understanding U.S. Society: Courses in this category should address some significant aspect of U.S. Society as their central focus.

BBA Curriculum for On-Campus Program

The curriculum of the 60-semester-hour program is listed below. The BBA on-campus program is a degree completion program that offers students the ability to create their upper-level business curriculum and tailor their program to their desired career outcome, with the help of their academic advisor.

Code	Title	Hours
BBA Curriculum Courses		
ACTG 210	Introduction to Financial Accounting	3
ACTG 211	Introduction to Managerial Accounting	3
BA 200	Business Communication	3
FIN 300	Introduction to Finance	3
IDS 200	Intro to Management Information Systems	4
IDS 270	Business Statistics I	4
IDS 355	Operations Management	3
MGMT 340	Introduction to Organizations	3
MGMT 350	Business and Its External Environment	3
MGMT 495	Competitive Strategy	4
MKTG 360	Introduction to Marketing	3
ECON 220	Microeconomics: Theory and Applications	3
Electives		
Select 21 hours of business electives at the 200, 300, or 400 level chosen from courses in the CBA, with a maximum of 6 hours at the 200 level, and excluding BA 220 and BA 320. Students should work with their academic advisor in choosing the best choice of electives to achieve their desired business curriculum.		21
Total Hours		**60**

Bachelor of Business Administration (Online)

Program Codes:
2PFL0079BBAU

Prerequisites

Students must have completed at least 60 hours of postsecondary coursework, in the following two categories:

Code	Title	Hours
Core Requirements (16 hours)		
English Composition I		3
English Composition II		3
Principles of Macroeconomics		3
Principles of Microeconomics		3
Linear Algebra, Finite Mathematics, Calculus, or Business Calculus		4
General Education and Elective Requirements (44 hours)		
Analyzing the Natural World [a]		3-5
Exploring World Cultures [a]		3
Understanding the Creative Arts [a]		3
Understanding the Individual and Society [a]		3
Understanding the Past [a]		3
Understanding U.S. Society [a]		3
Electives [b]		24-26
Total Hours		**60**

a *There are numerous courses that can be applied to these categories and satisfy the university requirement of 24 hours of general education coursework with at least one course in each of these categories. Students can find a list of these courses and other information about UIC General Education requirements in the General Education section of the catalog.*

b *Other mathematics, calculus, statistics or quantitative analysis courses are highly recommended prerequisites that can be taken in order to satisfy the 24 hours of Electives requirements. However, many courses that satisfy the above general education requirements as well as those required for an associate's degree in business can also satisfy the Electives requirements.*

Please Note: An earned Associate of Arts degree from an Illinois community college fulfills the General Education requirements, per the Illinois Articulation Initiative. Students transferring with an Associate of Science degree from an Illinois community college may need to complete additional General Education courses after they transfer to fulfill remaining requirements. Students who have not earned either of these

degrees must complete 60 transferable hours, including the Core and General Education requirements listed above.

Students can select from a number of different courses to satisfy the broad General Education categories listed above. Following is a brief description of each category:

- Analyzing the Natural World: Courses in this category should introduce students to scientific and mathematical concepts and methods.
- Exploring World Cultures: Courses in this category should address significant aspects of any culture that is not part of the mainstream American culture.
- Understanding the Creative Arts: Courses in this category should focus, in close detail, on a number of significant works in literature, art, or other media.
- Understanding the Individual and Society: Courses in this category should introduce students either to the complexities of the individual or the relationship of the individual to social structures.
- Understanding the Past: Courses in this category should have as their focus significant past events.
- Understanding U.S. Society: Courses in this category should address some significant aspect of U.S. Society as their central focus.

BBA Curriculum for Online Program

The curriculum of the 60-semester-hour program is listed below. The BBA is a cohort program with a prescribed sequence of courses. Students should work with academic advisors to rearrange the sequence if circumstances do not allow them to participate during a given term or terms. Courses are eight weeks in length with the exception of the BA 300 and the capstone course BA 495, which are16 weeks.

The curriculum of the 60-semester-hour program is as follows.

Code	Title	Hours
BBA Curriculum Courses		
ACTG 210	Introduction to Financial Accounting	3
ACTG 211	Introduction to Managerial Accounting	3
BA 200	Business Communication	3
BA 300	Advanced Managerial Communications	3
BA 495	Business Strategy	3
FIN 300	Introduction to Finance	3
IDS 200	Intro to Management Information Systems	4
IDS 270	Business Statistics I	4
IDS 355	Operations Management	3
MGMT 340	Introduction to Organizations	3
MGMT 350	Business and Its External Environment	3
MKTG 360	Introduction to Marketing	3
ECON 220	Microeconomics: Theory and Applications	3
or BA 330	Analysis of Firms, Markets, and Industries for Business Decision Making	
Selectives		
Select 19 hours of selective coursework in consultation with BBA advisors. College maintains list of appropriate courses.		19
Total Hours		**60**

Minors

The College of Business Administration (CBA) offers minors in the following areas:

Code	Title	Hours
Available to only CBA Students		
	International Business	
Available to only non-CBA students		
	Business Administration	
Available to both CBA and non-CBA students		
	Accounting [a]	
	Business Analytics [a]	
	Entrepreneurship [a]	
	Finance [a]	
	Human Resource Management [a]	
	Leadership [a]	
	Management Information Systems [a]	
	Marketing [a]	
	Professional Sales [a]	
	Real Estate [a]	
	Sports Management [b]	
	Supply Chain and Operations Management [a]	
	Sustainable Business [c]	

a *Students may not pursue a minor in the same area of study in which they are pursuing the major (e.g., Finance students may not pursue a Minor in Finance, IDS students may not pursue a Minor in Business Analytics, etc.).*

b *The Minor in Sports Management is available to all students, including those pursuing majors in the Department of Managerial Studies.*

c *The Minor in Sustainable Business is available to all students, including those pursuing majors in the Department of Information and Decision Sciences.*

- Non-CBA students must submit the Minor Application for Non-CBA Students online to enroll in a CBA minor.
- Non-CBA students must meet one of the following criteria: 1) complete at least one semester at UIC and have a UIC and cumulative GPA of 2.00/4.00 or above, or 2) be a transfer student in the first semester at UIC and have a transfer GPA of 3.00 or above.
- CBA students must contact their advisor to officially declare a minor.
- Completion of one of these programs will be noted on the official UIC transcript upon graduation.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple minors.
- Students who enrolled in the minor in prior catalog years may complete the minor with former catalog year requirements (p. 745).

Minor in Accounting

The Accounting minor program is open to students from all UIC colleges. Students must also consult their home colleges about the acceptability and applicability of the course credits toward their degrees.

Minor in Business Administration

The Minor in Business Administration is only open to students enrolled outside of the CBA. Students must also consult their home colleges about the acceptability and applicability of the Core Business Administration course credits toward their degrees.

Minor in Business Analytics

Business analytics focuses on the use of data driven, analytical, and computing approaches for effective business decision making and management. Data mining, predictive modeling, forecasting, business intelligence analysis, and simulation have become critical across business functions such as marketing, finance, and human resource management. The Business Analytics minor helps students develop skills in these areas and enhances their knowledge and marketability. The minor program is open to majors from other units and colleges. Students must also consult their home colleges about the acceptability and applicability of the Information and Decision Sciences course credit toward their degree. Registration for most IDS courses is restricted to students in the Department of Information and Decision Sciences; therefore, students must register through the designated advisor in undergraduate programs.

Minor in Entrepreneurship

The Entrepreneurship minor program is open to students from all UIC colleges. Students must also consult their home colleges about the acceptability and applicability of the course credits toward their degrees.

Minor in Finance

The Minor in Finance introduces the student to the principles of finance, applies these principles to analyzing several financial issues, and develops problem-solving and quantitative skills that are widely used in business. The Minor in Finance is open to undergraduate students from any unit and college at UIC. Students must consult their home colleges about the acceptability and applicability of Finance course credit toward their degree. Students majoring in non-finance CBA majors can apply any finance courses taken to satisfy elective requirements toward both the minor and as electives toward the degree.

Minor in International Business

The College of Business Administration offers a minor in International Business for undergraduate students in the College of Business Administration. The minor is an option that students may choose if they wish to complement their major field of study with knowledge in the area of international business.

Minor in Leadership

The College of Business Administration offers a Minor in Leadership for all undergraduate students, except CBA students majoring in management or human resource management. Effective management of people and projects is essential for private, public, and nonprofit organizations in all fields. Business students who aspire to leadership roles in their work life will need strong managerial skills in order to advance. The Leadership minor offers course work that encompasses the basic skill set needed for successful management and leadership.

Minor in Management Information Systems

Information systems are transforming business management. They have become critical to performing almost every function of business. The Management Information Systems minor trains students in the software, tools, and systems that are widely used across business. Students develop database and system design skills, computing and programming skills, including Internet technologies, process analysis, modeling, simulation, and problem-solving skills. The minor program is open to majors from other units and colleges. Students must also consult their home colleges about the acceptability and applicability of the Information and Decision Sciences course credit toward their degree.

Minor in Marketing

The Marketing Minor provides students with a strong foundation in marketing principles while allowing flexibility to explore specialized areas through a diverse selection of marketing electives such as digital marketing, branding, innovation management, and market research, enabling students to tailor their studies to their interests. This minor is an excellent complement for business majors seeking to enhance their strategic and analytical skills and for students from other disciplines who want to develop marketing expertise applicable to various careers. Students should consult their home colleges about the acceptability and applicability of the coursework toward their degree.

Minor in Professional Sales

Personal selling is an important communication tool for most companies, especially those businesses that sell complex products or services, such as financial services, medical equipment, real estate, and insurance, to other companies or consumers. A successful salesperson needs both in-depth knowledge about the products or services they sell, as well as skills and an understanding of the selling process and the role of selling in a company's overall strategy. This minor is designed to prepare business and non-business students for a career in sales. Students should consult their home colleges about the acceptability and applicability of the coursework toward their degree.

Minor in Real Estate

The minor is open to all students and is designed for students who wish to establish their knowledge and receive training in Real Estate.

Minor in Sports Management

The Sports Management minor will offer students a path into growing career opportunities within the sport industry and provides a clear career path for business and non-business students looking to enter a field they are passionate about. The minor program is open to students from all UIC colleges.

Minor in Supply Chain and Operations Management

Streamlining business operations, coordinating complex supply chains, and managing customer relations have become critical success factors in business administration. The Supply Chain and Operations Management minor trains students in these skills and makes them marketable. The minor program is open to majors from other units and colleges. Students must also consult their home colleges about the acceptability and applicability of the Information and Decision Sciences course credit toward their degree.

Minor in Sustainable Business

Sustainability is increasingly recognized as a driver of value creation, enabling organizations to achieve long-term economic success while addressing pressing environmental and social challenges. The minor will provide students with a foundational understanding of sustainable

business practices, focusing on strategies for creating shared value by balancing economic, environmental, and social priorities. Students will explore topics such as responsible resource management, ethical supply chains, sustainable investing, stakeholder engagement, internal management control, and aligning business goals with global sustainability initiatives.

Minors

- Minor in Accounting (p. 201)
- Minor in Business Administration (p. 201)
- Minor in Business Analytics (p. 202)
- Minor in Entrepreneurship (p. 202)
- Minor in Finance (p. 203)
- Minor in Human Resource Management (p. 203)
- Minor in International Business (p. 203)
- Minor in Leadership (p. 204)
- Minor in Management Information Systems (p. 204)
- Minor in Marketing (p. 205)
- Minor in Professional Sales (p. 205)
- Minor in Real Estate (p. 206)
- Minor in Sports Management (p. 206)
- Minor in Supply Chain and Operations Management (p. 206)
- Minor in Sustainable Business

Minor in Accounting

Minor Code: 1000

Requirements for the Minor

- The minor requires 12 hours. Students majoring in Accounting are not eligible for this minor.
- A 2.00/4.00 UIC and cumulative GPA is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Prerequisite Courses for Non-Business Students		
Non-business students will be **required** to take the following two Business Core courses as prerequisites to complete the minor:		
ACTG 210	Introduction to Financial Accounting	
ACTG 211	Introduction to Managerial Accounting	

Code	Title	Hours
Required Course		
ACTG 315	Intermediate Financial Accounting I [a,b]	3
Electives		
9 semester hours from any of the 300-level and 400-level ACTG courses that fulfill the requirements for the Accounting major [c,d]		9
Total Hours		**12**

a *Prerequisites for ACTG 315 are ACTG 210 and ACTG 211.*
b *Students must earn a letter grade of C or above in ACTG 315.*
c *Certain 300-level and 400-level courses require a grade of C or above in ACTG 315 as a prerequisite.*
d *Certain 400-level accounting courses may have an additional prerequisite that students are required to complete; the completion of these additional 300-level and above prerequisites will count towards the elective requirement. ACTG 495 does not apply to the Accounting major.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Business Administration

Minor Code: 0079

Requirements for the Minor

- The minor requires 18–19 hours (six courses).
- CBA majors are not eligible for this minor.
- Students in the BA in Music Business and the BS in Engineering Management are not eligible for this minor.
- A 2.00/4.00 UIC and cumulative GPA is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or higher.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Select one course from the core offerings of each CBA department (Accounting, Finance, Information and Decision Sciences, and Managerial Studies) as listed below.		
Select the remaining two courses from any of the core department offerings on the list below:		18-19
Accounting		
ACTG 210	Introduction to Financial Accounting	
ACTG 211	Introduction to Managerial Accounting	
Finance		
FIN 300	Introduction to Finance	
Information and Decision Sciences		
IDS 200	Intro to Management Information Systems [a]	
IDS 312	Business Project Management	
IDS 355	Operations Management	
Managerial Studies		
MGMT 340	Introduction to Organizations	
MGMT 350	Business and Its External Environment	
MKTG 360	Introduction to Marketing	
Total Hours		**18-19**

a *This is a 4-hour course. Minors that include this course must total 19 hours rather than 18 hours.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Business Analytics

Minor Code: 5262

Requirements for the Minor

- The minor requires 12 hours (four courses).
- Students majoring in IDS are not eligible for the minor.
- Students in the BS in Data Science, Concentration in Business Analytics are not eligible for this minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or higher.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Prerequisite Courses		
Non-CBA students will be **required** to take the following two Business Core courses, or their equivalents, as prerequisites to complete the minor.		
IDS 200	Intro to Management Information Systems	
IDS 270	Business Statistics I [a,b]	

Code	Title	Hours
Required Courses		
IDS 371	Business Statistics II [a]	3
IDS 472	Business Data Mining [a]	3
Select two of the following:		6
IDS 331	Business Analysis Using Spreadsheets [a]	
IDS 400	Programming for Data Science in Business [a]	
IDS 410	Business Database Technology [a]	
IDS 420	Business Model Simulation [a]	
IDS 462	Statistical Software for Business Applications [a]	
IDS 470	Multivariate Analysis [a]	
IDS 476	Business Forecasting Using Time Series Methods [a]	
IDS 478	Regression Analysis [a]	
MKTG 460	Marketing Analytics [a]	
Total Hours		**12**

a *This course may require prerequisites, which are listed in the course description.*

b *The following courses also fulfill the IDS 270 requirement: STAT 101, ECON 270, IE 342 and STAT 381.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Entrepreneurship

Minor Code: 3501

Requirements for the Minor

- The minor requires 12–15 semester hours (4–5 courses).15 semester hours are required of nonbusiness majors and 12 semester hours are required of non-entrepreneurship business majors.
- Students majoring in Entrepreneurship are not eligible for the minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Required Courses		
Business majors must take 6 semester hours; nonbusiness majors must take 9 semester hours.		
ENTR 200	Survey of Entrepreneurship (required of nonbusiness majors only)	3
ENTR 310	Introduction to Entrepreneurship (required)	3
ENTR 445	New Venture Planning (required)	3
Selectives		
Select two additional courses from the list below. MGMT, MKTG and FIN courses may have non-ENTR prerequisite courses that have to be met by all students taking those courses.		6
ENTR 320	Entrepreneurship Internship Program	
ENTR/MGMT 360	Data Analytics for Management	
ENTR 420	Social Entrepreneurship	
ENTR 435	International Entrepreneurship	
ENTR 444	Entrepreneurial Finance	
or FIN 445	Financing Entrepreneurship	
ENTR 454	Entrepreneurship New Venture Formation	
ENTR 494	Special Topics in Entrepreneurship	
MGMT 463	Negotiation and Conflict Resolution	
MGMT 485	Corporate Sustainability and Responsibility	
MKTG 477	Interdisciplinary Research and Development I	

MKTG 479	Digital and Social Media Marketing	
No more than 6 semester hours (2 courses) for this minor may be counted toward the major requirements in the BS in Managerial Studies or BS in Marketing.		
Total Hours		**12-15**

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Finance

Minor Code: 0075

Requirements for the Minor

- The minor requires 15 hours.
- Students majoring in Finance are not eligible for the minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Required Courses		
FIN 300	Introduction to Finance	3
FIN 310	Investments	3
FIN 320	Managerial Finance	3
Six hours from any of the 400-level finance courses that fulfill the requirements for the Finance major. FIN 250 and FIN 340 may also be applied to the minor's electives. [a]		6
Total Hours		**15**

a *FIN 495 does not apply to the Finance minor.*

Enrollment Residence Requirement in the Minor

A student must complete at least three-fifths of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Human Resource Management

Minor Code: 5715

Requirements for the Minor

- The minor requires 12 hours.
- Students majoring in management or in human resource management are not eligible for the minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Prerequisite Course		
Non-CBA students will be **required** to take the following Business Core course, or its equivalent, as a prerequisite to complete the minor:		
MGMT 340	Introduction to Organizations	

Code	Title	Hours
Required Courses		
MGMT 452	Organizational Behavior [a]	3
MGMT 453	Human Resource Management [a]	3
MGMT 455	Talent Management and Global Human Resources [b]	3
Select one of the following:		3
MGMT 464	Employment Recruitment and Selection [c]	
MGMT 465	Compensation and Reward Systems [d]	
MGMT 470	Training and Development [c]	
Total Hours		**12**

a *Prerequisite: MGMT 340; or consent of the instructor.*
b *Prerequisites: MGMT 340 and MGMT 453, or concurrent registration in MGMT 453.*
c *Prerequisites: MGMT 452 and MGMT 453.*
d *Prerequisites: MGMT 452 and MGMT 455.*

Enrollment Residence Requirement in the Minor

Students must complete at least 50 percent of the coursework for the minor in residence of the University of Illinois Chicago.

Minor in International Business

Minor Code: 1375

Requirements for the Minor

- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Only CBA majors are eligible for the minor.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.
- The minor requires 15 hours as distributed below:

Code	Title	Hours
Required Courses		
ECON 221	Macroeconomics in the World Economy: Theory and Applications [a]	3
Select three of the following: [a]		9
ACTG 484	International Accounting [b]	
ECON 333	International Economics	
ECON 334	Economic Development	

ENTR 435	International Entrepreneurship	
FIN 340	International Financial Markets	
FIN 442	International Corporate Financial Management [b]	
MGMT 460	Managing Globally	
MKTG 469	Global Marketing	
Select one of the following: [c]		3
ANTH 101	World Cultures: Introduction to Social Anthropology	
POLS 130	Introduction to Comparative Politics	
POLS 184	Introduction to International Relations	
SOC 225	Racial and Ethnic Groups	
SOC 268	Introduction to Comparative Sociology	
Total Hours		**15**

a *No more than 6 of the 12 hours of business courses required for the minor may be counted toward the major requirements. The remaining hours may be counted toward the business electives requirement. For example, a student majoring in Finance may count FIN 340 and FIN 442 toward the required courses in Finance; other business courses from the above list are counted toward the student's business electives.*

b *ACTG 484 and FIN 442 have a prerequisite course that is not included in the Business Core.*

c *Students should consult the* General Education *(p. 86) section of the catalog to determine which of these courses are approved General Education courses.*

Students are encouraged to use their elective hours to take courses that would complement the required courses listed above, e.g., additional General Education courses in the field of international studies and courses in a foreign language. Depending on the major, completion of this minor may bring the total number of semester hours to over 120.

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Leadership

Minor Code: 5976

The minor is open to all undergraduates except CBA students majoring in management or human resource management.

Requirements for the Minor

- Students must also consult their home colleges about the acceptability and applicability of CBA course credits toward their degrees.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Prerequisite Course		
Non-CBA students will be **required** to take the following Business Core course, or its equivalent, as a prerequisite to complete the minor:		
MGMT 340	Introduction to Organizations	

Code	Title	Hours
Required Courses		
BA 420	Professional Presence	3
MGMT 452	Organizational Behavior [a]	3
MGMT 475	Leadership Theories and Personal Leadership Skills Development [a]	3
Select one of the following:		3
MGMT 453	Human Resource Management [a]	
MGMT 463	Negotiation and Conflict Resolution [a]	
MGMT 486	Managerial Consulting [b]	
Total Hours		**12**

a *Prerequisite: MGMT 340 or consent of the instructor.*

b *Prerequisites: MGMT 452 and MGMT 453; or consent of the instructor.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Management Information Systems

Minor Code: 9890

Requirements for the Minor

- The minor requires 12 hours (four courses).
- Students majoring in IDS are not eligible for the minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Prerequisite Course		
Non-CBA students will be **required** to take the following Business Core course, or its equivalent, as a prerequisite to complete the minor.		
IDS 200	Intro to Management Information Systems	

Code	Title	Hours
Required Programming Course		
Select one of the following:		3
IDS 201	Introduction to Business Programming [a]	

IDS 331	Business Analysis Using Spreadsheets [a]	
Required Systems Course		
IDS 410	Business Database Technology [a]	3
Selective Courses		
Select two of the following:		6
IDS 312	Business Project Management [a]	
IDS 400	Programming for Data Science in Business [a]	
IDS 401	Business Object Programming using Java [a]	
IDS 403	Information Security [a]	
IDS 405	Business Systems Analysis and Design [a]	
IDS 412	Distributed Business Systems [a]	
IDS 413	Internet Technology and Management [a]	
IDS 420	Business Model Simulation [a]	
IDS 422	Text Mining for Business Applications [a]	
IDS 454	Introduction to Supply Chain Management [a]	
IDS 472	Business Data Mining [a]	
Total Hours		**12**

a *This course may require prerequisites, which are listed in the course description.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Marketing

Minor Code: 1432

Requirements for the Minor

- The minor requires 12 semester hours.
- Students majoring in Marketing are not eligible for this minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Prerequisite Courses for Non-Business Students		
Non-business students will be required to take the following Business Core course, or its equivalent, as it is a prerequisite to completing any of the other coursework within the minor.		
MKTG 360	Introduction to Marketing	3

Code	Title	Hours
Required Course		
MKTG 461	Consumer Behavior	3
Electives		
Select 9 semester hours from among any of the 400-level MKTG courses [a]		9
Total Hours		**12**

a *Some 400-level marketing courses require prerequisites other than MKTG 360. Students who wish to take these courses need to plan accordingly. Students who take MKTG 469 to fulfill the Global Business Perspective requirement within the Business Core cannot count this course toward the marketing minor.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Professional Sales

Minor Code: 6318

Requirements for the Minor

- The minor requires 12 hours.
- Students majoring in Marketing are not eligible for this minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Prerequisite Course for Non-Business Students		
Non-business students will be **required** to take the following Business Core course as a prerequisite to complete the minor:		
MKTG 360	Introduction to Marketing	3

Code	Title	Hours
Required Courses		
MKTG 473	Introduction to Sales	3
Select three of the following:		9
MKTG 463	Marketing and Sales Channels	
MKTG 476	Business-to-Business (B2B) Marketing	
MKTG 481	Advanced Sales	
MKTG 483	Social Selling and Sales Technology	
BA 420	Professional Presence	
Total Hours		**12**

a *CBA transfer students who enter with more than 24 hours of credit are required to take BA 420 for their BS degree. These students will also be able to count this course toward the minor.*

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

Minor in Real Estate

Minor Code: 1657

Requirements for the Minor

- The minor requires 12 hours.
- Students majoring in Real Estate are not eligible for the minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Required Courses		
RES 250	Real Estate Principles	3
Select three of the following:		9
RES 420	Real Estate Market Analysis	
RES 425	Real Estate Valuation	
RES 440	International Real Estate Markets	
RES 450	Real Estate Data Analysis	
RES 460	Commercial Real Estate	
RES 470	Real Estate Investments	
RES 472	Real Estate Finance	
RES 494	Topics in Real Estate	
Total Hours		**12**

Enrollment Residence Requirement for the Minor

A student must complete at least 50 percent of the coursework for the minor field in residence at the University of Illinois Chicago.

Minor in Sports Management

Minor Code: 6262

Requirements for the Minor

- No more than 6 of the 12 hours of business courses required for the minor may be counted toward major requirements. The remaining hours may be counted toward the business elective requirement. Students completing the Minor in Sports Management must include at least one course from Tier A.
- CBA majors may not apply ACTG 210 toward the minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Required Course		
MGMT 370	Foundations of Sports Management	3
Select three of the following:		9
Tier A Courses (must choose at least one):		
ACTG 210	Introduction to Financial Accounting	
FIN 320	Managerial Finance	
MGMT 453	Human Resource Management	
MGMT 454	Labor-Management Relations	
MGMT 463	Negotiation and Conflict Resolution	
MGMT 466	Managerial Effectiveness Through Diversity	
MKTG 473	Introduction to Sales	
MKTG 479	Digital and Social Media Marketing	
Tier B Courses:		
COMM 220	Social Media and Marketing	
COMM 270	Digital Influencers	
ECON 216	Economics of Sports and Entertainment	
ED 264	Sport, Education, and Society	
EPSY 263	Sport, Global Cultures, and Development	
Total Hours		**12**

Prerequisites for Non-Business Students

There are no prerequisites courses to enroll in the minor in sports management. Certain elective courses may have prerequisite courses that should be satisfied before enrolling.

Enrollment Residence Requirement for the Minor

Students must complete at least half of the coursework for the minor field in residence at the University of Illinois Chicago.

Minor in Supply Chain and Operations Management

Minor Code: 5671

Requirements for the Minor

- The minor requires 12 hours (four courses) from the list below.
- Students majoring in IDS are not eligible for the minor.
- A 2.00/4.00 UIC and cumulative grade point average is required for the declaration of the minor and for all work completed for the minor.
- Non-CBA transfer students have the ability to declare the minor in their first semester at UIC with a transfer GPA of 3.00/4.00 or above.
- Students must meet overall hours required as specified by the minor by registering for unique courses. Students may not use the same course for multiple CBA minors.

Code	Title	Hours
Prerequisite Courses		
Non-CBA students will be **required** to take the following three Business Core courses, or their equivalents, as prerequisites to complete the minor.		
IDS 200	Intro to Management Information Systems	
IDS 270	Business Statistics I [a,b]	
IDS 355	Operations Management [a]	

Code	Title	Hours
Required Courses		
IDS 454	Introduction to Supply Chain Management [a]	3
Select three of the following:		9
IDS 312	Business Project Management	
IDS 331	Business Analysis Using Spreadsheets [a]	
IDS 420	Business Model Simulation [a]	
IDS 450	Supply Chain Planning and Logistics [a]	
IDS 451	Enterprise Operations and Supply Chain Systems [a]	
IDS 453	Supply Chain Management: Sourcing and Procurement	
MGMT 481	Managerial Logistics [a]	
Total Hours		**12**

a *This course may require prerequisites, which are listed in the course description.*

b *The following courses also fulfill the* IDS 270 *requirement:* STAT 101, ECON 270, IE 342, *and* STAT 381.

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in residence at the University of Illinois Chicago.

College of Education

Contact Information:
Campus Location: 3004 Education, Theatre, Music, and Social Work (ETMSW)
(312) 996-5641
www.education.uic.edu

Administration:
Dean, Kathryn B. Chval
Associate Dean for Academic Affairs, Dr. Mark Giles
Associate Dean for Student Success, Dr. Maria Elena-Duarte
Associate Dean for Administration, Jackie Kalan
Associate Dean for Research, Dr. Dan Maggin
Program Coordinator of BA in Urban Education, Dr. Victoria Trinder
Program Coordinator of BA in Human Development and Learning, Dr. Bernadette Sánchez
Program Coordinator of BS in Inclusive and Special Education, Dr. Lisa Cushing
Student Services: 3145 ETMSW, (312) 996-4532
Assistant Director of Admissions and Registration, Jennifer DeLago, (312) 996-0707

Introduction

The College of Education (COE) offers three degree programs. The Bachelor of Arts in Urban Education leads to a State of Illinois Professional Educator License (PEL) in Elementary Education (Grades 1–6). The Bachelor of Arts in Human Development and Learning (HDL) is appropriate for students who have an interest in working with individuals from infancy to adulthood and from diverse groups and/or communities. The BA in HDL is not an Illinois Professional Educator licensure program. The Bachelor of Science in Inclusive and Special Education leads to a State of Illinois Professional Educator License (PEL) and Learning Behavior Specialist (LBS1) endorsement in special education.

Degree Requirements

Semester Hour Requirement

The College of Education semester hour requirement is determined by program:

Major	School	Degree Conferred	Total Hours
Urban Education	Curriculum and Instruction	BA in Urban Education	120
Human Development and Learning	Educational Psychology	BA in Human Development and Learning	120
Inclusive and Special Education	Special Education	BS in Inclusive and Special Education	121

Course Requirements

See academic department sections for specific course requirements.

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. Students are required to complete a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog. Information on meeting the General Education requirements for Education programs is listed in the academic department sections.

General Education Proficiencies—University Writing Requirement and Quantitative Reasoning Requirement

College of Education students must meet the University Writing Requirement and the Quantitative Reasoning Requirement.

University Writing Requirement

Students must earn a passing grade in ENGL 160 and ENGL 161.

Quantitative Reasoning Requirement

Students in the Human Development and Learning program should consult the Human Development and Learning section (p. 218) for information on meeting this requirement. To satisfy the Quantitative Reasoning Requirement in the Urban Education program and the Inclusive and Special Education program, students must complete MATH 140 and MATH 141 with a GPA of 2.50/4.00 in these courses.

Other Requirements

Students must complete the requirements of the university and college that are in effect at the time of initial registration. It is essential for each student to become familiar with graduation requirements and to keep up to date with any published changes. If requirements are changed, continuing students and those whose attendance at UIC has been interrupted for no more than two years may complete the current graduation requirements or may continue to meet those requirements in effect at the time of initial registration. Students who return to UIC after an absence of more than two years are responsible for meeting the requirements of the university and college in effect at the time of the student's reenrollment. If courses originally required are no longer offered, the college has the prerogative of specifying substitutes. Students in the BA in Urban Education program should be aware that changes occurring in state licensure requirements may necessitate additional coursework.

Course Level Requirement

During the junior and senior years, a student must earn a total of at least 30 hours in advanced-level courses (300-level or above) at the University of Illinois Chicago or any other accredited four-year college or university.

Coursework Limitations

Coursework that duplicates previous credit does not count toward graduation. Credit is not given for a course in which a failing grade is received.

Full-Time Enrollment

BA in Urban Education

During the first two years of study, students are provided with opportunities to select courses from the Urban Education Core Curriculum. After candidacy, students will be required to register for specific coursework each semester while enrolled. The program requires full-time enrollment.

BA in Human Development and Learning

Full-time enrollment in the BA in Human Development in Learning is recommended, but not required.

BS in Inclusive and Special Education

Full-time enrollment in the BS in Inclusive and Special Education is recommended but not required.

Grade Point Average (GPA) Requirement

For the BA in Human Development and Learning, students must have at least a 2.00/4.00 grade point average in all work taken at the University of Illinois Chicago, in all work taken in the major field, and in all work accepted by the university (transfer work plus work taken at UIC).

For the BA in Urban Education program, students must have a cumulative GPA of at least 2.50/4.00, a GPA of 2.50/4.00 across select courses in core content areas (English, mathematics, science, and social studies), and a GPA of at least 3.00/4.00 in the professional education courses.

For the BS in Inclusive and Special Education, students must have a cumulative GPA of at least 2.50/4.00, a GPA of 3.00/4.00 in select SPED courses, a 3.00/4.00 in professional coursework, and a grade of C or higher in all coursework required for licensure.

Graduation Declaration/Filing to Graduate

Students declare their intent to graduate online using my.UIC. The deadline for submission to the Pending Degree List is the end of the third week (fall and spring) or second week (summer) of the term in which graduation is sought. Failure to submit the request at this time may delay the awarding of the degree. A final review will be made following the close of the term. If a student has satisfactorily completed all the degree requirements, the student's name will be placed on the official degree list.

Enrollment Residence Requirement

Either the first 90 or the last 30 semester hours of degree work must be completed in continuous, uninterrupted enrollment residence at the University of Illinois Chicago. Concurrent attendance at the University of Illinois Chicago and another collegiate institution, or enrollment during the summer at another institution, when approved by the student's college, does not interrupt the UIC enrollment residence requirement for graduation. Work done at the Springfield or Urbana-Champaign campuses of the University of Illinois does not satisfy this requirement. Credit earned through proficiency examinations, including credit earned through the College Level Examination Program (CLEP), UIC extension courses, and Urbana-Champaign correspondence courses, does not apply toward the minimum 30 semester hour enrollment residence requirement.

Transfer Credit

Courses completed at other institutions may be applied in partial fulfillment of graduation requirements and as prerequisites for courses at UIC. The college determines the transfer hours that apply toward the degree. Courses listed for credit on a student profile, academic advising document, degree audit report, or transcript are not necessarily accepted for the degree.

Transfer Credit for Continuing Students

The College of Education may permit concurrent registration at a transfer institution. Please consult an academic advisor in the Office of Student Services (OSS), 3145 ETMSW.

College Policies

Academic Load

To be considered full time, a student must be enrolled in a minimum of 12 semester hours each semester. During the regular academic year a course load exceeding 18 hours (12 hours in the summer) must be

approved in the College of Education. Please consult an academic advisor in the Office of Students Services (OSS), 3145 ETMSW.

In addition, some education courses require fieldwork, which means that students will spend a significant amount of time participating in other education settings (e.g., local schools, community centers). The nature and extent of the fieldwork varies from course to course.

Academic Notice and Dismissal Rules

Education faculty evaluate each student's progress through semester reviews.

Term Notice Rules

BA in Human Development and Learning Term Notice

A student in the BA in Human Development and Learning program who is not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning. A student on term notice who earns a UIC Term GPA of at least 2.00/4.00 will be removed from term notice.

BA in Urban Education Term Notice

A student in the BA in Urban Education program who is not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.50/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.50/4.00. For such a student, term notice serves as a warning. A student on term notice who earns a UIC Term GPA of at least 2.50/4.00 will be removed from term notice.

A student in the BA in Urban Education program who is not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 3.00/4.00 Elementary Education Concentration grade point average but whose UIC grade point average is equal to or greater than a 2.50/4.00. For such a student, term notice serves as a warning. A student on term notice who earns a UIC Elementary Education Concentration Term GPA of at least 3.00/4.00 will be removed from term notice.

BA in Inclusive and Special Education Term Notice

A student in the BS in Inclusive and Special Education program who is not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.50/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.50/4.00. For such a student, term notice serves as a warning. A student on term notice who earns a UIC Term GPA of at least 2.50/4.00 will be removed from term notice.

Academic Notice Rules

BA in Human Development and Learning Academic Notice

The following Academic Notice Rules apply to the BA in Human Development and Learning program:

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.00/4.00. For such a student, academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with cumulative GPA lower than 2.00/4.00.
3. A student readmitted by petition may be placed on academic notice with a UIC GPA lower than 2.00/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.00/4.00.

A student on academic notice who earns a GPA of at least 2.00/4.00 in a given term will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC coursework must also be at least a 2.00/4.00.

A student currently on academic notice will be continued on academic notice when the one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the student's transfer credit and UIC coursework to at least 2.00/4.00.

The dean of the student's college determines the conditions of academic notice. In addition to specifying the GPA, the dean may require the completion of specific courses, may limit the number of hours for which the student registers, and may exclude the student from taking certain courses while on academic notice.

BA in Urban Education Academic Notice

The following Academic Notice Rules apply to the BA in Urban Education program:

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.50/4.00 or has an Elementary Education Concentration GPA less than a 3.00/4.00. For such a student, academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with cumulative GPA lower than 2.50/4.00.
3. A student readmitted by petition may be placed on academic notice with a UIC GPA lower than 2.50/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.50/4.00.

A student on academic notice who earns a GPA of at least 2.50/4.00 in a given term and an Elementary Education Concentration GPA of at least 3.00/4.00 will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.50/4.00 and the Elementary Education Concentration GPA is at least 3.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC coursework must also be at least a 2.50/4.00.

A student currently on academic notice will be continued on academic notice when the one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.50/4.00 and the Elementary Education Concentration GPA to at least 3.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the

student's transfer credit and UIC coursework to at least 2.50/4.00 and the Elementary Education Concentration GPA to at least 3.00/4.00.

The dean of the student's college determines the conditions of academic notice. In addition to specifying the GPA, the dean may require the completion of specific courses, may limit the number of hours for which the student registers, and may exclude the student from taking certain courses while on academic notice.

BA in Inclusive and Special Education Academic Notice

The following Academic Notice Rules apply to the BS in Inclusive and Special Education:

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.50/4.00 or has an GPA less than a 3.00/4.00 in Inclusive and Special Education Course Requirements. For such a student, academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with cumulative GPA lower than 2.50/4.00.
3. A student readmitted by petition may be placed on academic notice with a UIC GPA lower than 2.50/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.50/4.00.

A student on academic notice who earns a GPA of at least 2.50/4.00 in a given term and a GPA of at least 3.00/4.00 in Inclusive and Special Education Courses will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.50/4.00 and the Inclusive and Special Education Courses GPA is at least 3.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC coursework must also be at least a 2.50/4.00.

The dean of the student's college determines the conditions of academic notice. In addition to specifying the GPA, the dean may require the completion of specific courses, may limit the number of hours for which the student registers, and may exclude the student from taking certain courses while on academic notice.

Dismissal Rules

BA in Human Development and Learning and BA in Urban Education and BS in Inclusive and Special Education

For students in the BA in Human Development and Learning program, the BA in Urban Education program, and the BS in Inclusive and Special Education program:

1. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the grade point average required by the academic notice and in which the cumulative GPA in courses taken at UIC is less than 2.00/4.00.
2. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the GPA required by the academic notice and in which the combined transfer and UIC grade point average is less than 2.00/4.00.
3. A student who fails to meet the terms of academic notice or is on academic notice for two consecutive terms will be dismissed.
4. A student who is dismissed will not be considered for readmission to the College of Education until after a lapse of at least one year.
5. A student who fails to make progress toward a degree may be dismissed. Examples include failure to complete required courses, accumulation of an excessive number of Incomplete grades, failure to earn credit in any semester, failure to meet the minimum grade point average, and/or inadequate professional performance as judged by program faculty.

Change of Course Schedule—Dropping Courses

Undergraduate students may drop courses using my.UIC through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript. Undergraduate students may drop a maximum of 4 UIC individual courses that result in a W notation on their transcript during their entire undergraduate degree program.

Change of Major

At the undergraduate level, the College of Education offers the BA in Urban Education, the BA in Human Development and Learning, and the BS in Inclusive and Special Education. To change majors, please meet with an academic advisor in the Office of Student Services to discuss the specific program requirements and the application process.

Class Attendance

The class attendance policy is generally stated on the course syllabus. The College of Education encourages students to contact the instructor of the course if class will not be attended on a specific date. Excessive absences from class and/or fieldwork and/or student teaching may result in dismissal from the program.

Closed Courses

Classes that are closed will not be overenrolled. Please consult the advisor in OSS, 3145 ETMSW, for further information.

Course Prerequisites

Course prerequisites will not be waived. Please consult the advisor in OSS, 3145 ETMSW, for further information.

Credit for Prior Learning

In accordance with Illinois Public Act 102-0174, Prior Learning Credit may be awarded to College of Education students after documentation of prior learning has been evaluated and assessed. The College of Education may award a maximum of 12 semester hours of credit for Prior Learning Experience. Credit awarded for Prior Learning Credit will not receive a letter grade and can be applied towards graduation credit.

Please contact the Office of Student Services for more information on the specific requirements of prior learning credit.

Credit/No Credit Option

None of the required courses in the College of Education may be taken on the credit/no credit option.

Declaring a Major

The major will be declared upon admission to the College of Education.

Double Major, Double Degrees, and Second Bachelor's Degree

Double Major

The College of Education does not permit double majors. Please consult the advisor in the Office of Student Services, 3145 ETMSW, for further information.

Double Degrees

Students interested in this option should consult the Office of Students Services in 3145 ETMSW.

Second Bachelor's Degree

Applicants who have already earned a bachelor's degree are strongly encouraged to apply to a graduate program or consult an advisor.

Graduate-Level Course for Undergraduate Credit

Please consult the advisor in OSS, 3145 ETMSW, for further information.

Independent Study

Enrollment in an independent study course is limited to students with junior or senior standing. A student may apply a maximum of 8 hours of independent study toward graduation requirements. Please consult the advisor in OSS, 3145 ETMSW, for further information.

Petition Procedure

Any rule, regulation, or action of the college may be appealed through the use of the undergraduate student petition. These petitions are submitted to the associate dean for student affairs. Petitions are available in the College of Education Office of Student Services, 3145 ETMSW. Please consult the advisor in OSS, 3145 ETMSW, for further information. Licensure program requirements may be appealed through the CTE petition process with proof of extenuating circumstances. The petition form and an explanation of the process can be found at on the CTE website. Requirements of the State of Illinois cannot be appealed.

Proficiency Examinations

Please consult the advisor in OSS, 3145 ETMSW, for further information.

Registration Approval

To be eligible to register or change of course schedule, a College of Education student must secure written approval from the College of Education academic advisor in the Office of Student Services, 3145 ETMSW.

Repeat Policy for Standard Graded Courses

Students may repeat a course to increase their knowledge of the subject matter. There are circumstances under which repeating a course is advisable and to a student's advantage. There are also circumstances where repeating a course may disadvantage a student and narrow a student's options. The College of Education requires students to discuss any plan to repeat a course with their academic advisor and the Office of Student Financial Aid before they register to repeat the course.

Courses with A or B grades may not be repeated. Normally, courses with a C grade may not be repeated. Courses from the Common Core Curriculum with D or F grades may be repeated once. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. The original grade and the grade for each repeat will be calculated into the grade point average. Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once requires written permission from the student's college dean. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The semester hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Transferring

Intercollege Transfer Students

The BA in Urban Education, the BA in Human Development and Learning, and the BS in Inclusive and Special Education all accept transfer students. More information may also be obtained from the Office of Student Services (OSS), 3145 ETMSW or by going directly to the College of Education website.

Transfer Students from Other Colleges and Universities

Students wishing to transfer from another college must apply for admission. Consult the previous section. Application information on applying may also be obtained from the OSS, 3145 ETMSW. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

Transferring out of the College

Students wishing to transfer from the College of Education to another college should follow the procedures of the other college.

Minors

The College of Education offers the following minor. Please see departmental listings for more information.

Minor	Department	Hours
Minor in Education	College of Education	12
Minor in Instructional Design and Training	Department of Educational Psychology	12-18

Academic Advising

Advisors are located in the:

College of Education
Office of Student Services
3145 ETMSW
(312) 996-4532

Advising Policy

The College of Education has mandatory advising for all students. Students are required to meet with an advisor each semester, and have their coursework approved to be eligible to register. All students admitted to the College of Education are required to attend a mandatory program orientation to become familiar with expectations and student responsibilities. Students must attend the orientation to be eligible to register for first semester courses. Orientations are announced upon acceptance into the College of Education.

Academic Honors

College Honors

A student who has demonstrated outstanding academic excellence throughout the undergraduate program may be eligible for graduation with College Honors. Students will be considered for the distinction—graduation with College Honors—during the semester in which minimum graduation requirements are fulfilled. Those students who meet each of the following criteria will graduate with College Honors:

1. The student must earn a cumulative grade point average of 3.50/4.00. The cumulative grade point average includes work completed at UIC.
2. The student must be on the Dean's List for two consecutive semesters prior to the semester of graduation.

Graduation with High Honors will be awarded to any student who meets each of the following criteria:

1. The student must be eligible for graduation with College Honors.
2. The student must earn a cumulative grade point average of at least 3.75/4.00. The cumulative grade point average includes all work completed at UIC.

Dean's List

Outstanding academic achievement in the College of Education is recognized by inclusion on the Dean's List. Eligibility is based on a 3.50/4.00 term grade point average with a program of 12 semester hours of letter grades in a semester. If any additional coursework is taken on a credit/no credit basis, a grade of CR must be earned. A cumulative grade point average of 2.50/4.00 for 60 hours and above as well as clear academic status must be maintained for Dean's List eligibility.

Special Programs and Opportunities

Please consult the advisor in OSS, 3145 ETMSW, for further information.

Licensure

See the Council on Teacher Education (p. 491) section for information on teacher licensure.

Secondary Education Program

The University of Illinois Chicago offers several secondary teacher education programs located in the College of Liberal Arts and Sciences (LAS). Through LAS, the student can study the Teaching of English, Teaching of French, Teaching of German, Teaching of History, Teaching of Mathematics, and Teaching of Spanish. The programs provide for the development of a major field of study with an emphasis on teaching. Please consult the home college for more information about these degree requirements.

At the undergraduate level, the College of Education offers the BA in Urban Education leading to the State of Illinois Professional Educator Licensure in Elementary Education (Grades 1–6) and the coursework required for a subsequent endorsement in Early Childhood Education (Birth - 2nd grade).

Licensure in the teaching of biology, chemistry, physics, environmental science, or earth and space sciences is available through the College of Education in the MEd in Instructional Leadership: Science Education.

Contact the appropriate department for more information on content specific programs.

Middle School Endorsement for Secondary Education Programs

Teacher candidates wishing to teach in the middle grades (5–8) should take additional coursework, even though the Standard Secondary License states eligibility for teaching in grades 6–12. Please note that the State of Illinois is in the process of revising middle school endorsement requirements and additional coursework may be required. Be advised that changes may occur without notice and will be effective immediately. Additional information may be obtained from the College of Education Office of Student Services, 3145 ETMSW, (312) 996-4532. For information on how the middle grades can be added to the Grades 1–6 Professional Educator License, please consult the BA in Urban Education in the Department of Curriculum and Instruction section of the catalog.

Minor in Education

For more information regarding the minor, please see the Minor in Education web page.

Admission Requirements

Students will be admitted to the Minor in Education if they meet the minimum GPA of 2.00/4.00 at the time of application. To declare the minor, students need to complete and turn in an intent to minor form to an undergraduate advisor in the College of Education. Students may submit

the required paperwork to declare their intent to minor in Education at any time prior to taking the final capstone course.

Requirements for the Minor

Students who wish to earn the Minor in Education must complete a minimum of 12 hours of coursework in the College of Education, with at least 6 hours at the 200 level or above. A GPA of 2.00/4.00 is required in courses taken toward the minor.

This minor is available to students throughout the university. However, College of Education students, and students in other colleges who are pursing teacher licensure endorsements as part of their degree, are not permitted to count coursework towards both their major and the minor. A course that is required for a major, a degree, or teacher licensure requirements cannot count towards the minor. This includes the following undergraduate degrees: BA in Urban Education, BA in Human Development and Learning, BS in Inclusive and Special Education, BFA in Art Education, BA in the Teaching of English, BA in the Teaching of History, BS in the Teaching of Mathematics, BA in the Teaching of French, BA in the Teaching of German, BA in the Teaching of Spanish.

Code	Title	Hours
Required Course		
ED 410	Capstone Inquiry on Critical Issues in Education (With approval, students may substitute ED 396) [a]	3
Elective Courses [b]		
Select three elective courses across the college that reflect interdisciplinary breadth. Students are encouraged to choose electives that are integrated around core themes such as The Art of Teaching and Learning, 21st Century Literacies, Out-of-School Learning, and Equity and Inclusion. Students may also construct their own minor in consultation with a student services advisor.		9
Total Hours		**12**

a *Students should take the capstone course after completing the other requirements for the minor or concurrently with their last minor course.*

b *See the Minor in Education website, the Minor in Education Advising Guide, or a College of Education advisor for more information. For courses that require approval from the College of Education or consent of instructor, please contact the Office of Student Services in the College of Education.*

Residency Requirement

Students must complete at least one half of the coursework required for the minor field in enrollment residence at the University of Illinois Chicago.

Department of Curriculum and Instruction

Contact Information:
Campus Location: 3416 Education, Theater, Music, and Social Work (ETMSW)
(312) 996-4508 or 4509
education.uic.edu/academics-admissions/departments/department-curriculum-instruction#overview

Administration:
Department Chair, Dr. Maria Varelas
Program Coordinator of BA in Urban Education, Dr. Victoria F. Trinder

Introduction

The Department of Curriculum and Instruction in the College of Education (COE) offers a program leading to the degree of Bachelor of Arts in Urban Education. The BA program leads to a State of Illinois Professional Educator License (PEL) in Elementary Education (Grades 1–6) and completion of course requirements for the subsequent endorsement in Early Childhood Education (Birth to 2nd).

The program is committed to preparing high-quality educators for urban neighborhood schools, in partnership with Chicago Public Schools. The program also reflects UIC's conceptual framework: UIC educators are committed to the democratic ideal of developing the full potential of all students. They develop professional knowledge through study and critical analysis, and demonstrate effective practices consistent with their professional knowledge and ideals.

The BA in Urban Education program provides emerging educators the deep learning and engagement necessary to build pedagogies inclusive of all students, infused with contextual understanding of systemic oppressions in urban schooling, and founded upon principles of equity and justice.

The BA in Urban Education provides the opportunity for students to become teachers for elementary school settings and earn a Grades 1–6, Elementary Education teaching license and the coursework required for a subsequent endorsement in Early Childhood Education (Birth to 2nd grade). BA Teacher Candidates (TCs) are expected to develop the following:

1. a deep understanding of school inequities and community knowledges;
2. a personal investment to children's learning in undersupported schools; and
3. a commitment to critical self-reflection and inquiry into learning and teaching.

These expectations are largely developed by having TCs conduct their student teaching in partner public schools with whom faculty have professional, scholarly, and philosophical connections. The schools working in partnership with the BA in Urban Education Program serve as sites for ongoing collaborations in development of curricula, pedagogical practices, and urban education scholarship.

Admissions Requirements

The BA in Urban Education program has adopted the university's admissions requirements as listed in the Admissions (p. 42) section of the catalog under First Year Applicant and adheres to the campus policy on transfer students.

All freshmen and sophomores will initially be admitted to the BA in Urban Education major in the College of Education and complete the Urban Education Core Curriculum. Students must complete the 60-hour Urban Education Core Curriculum required for admission to the last two years of Elementary Education concentration. Students should complete Core Curriculum coursework in four years or fewer. When students complete the Urban Education Core Curriculum, they must apply for candidacy - the state designation of students prepared to embark on intense and

field-based professional coursework. In addition, courses required for licensure cannot be taken for the credit/no credit and/or pass/fail option.

Candidacy

Students in good standing may obtain an application for candidacy to the Elementary Education concentration in the semester during which they complete the Urban Education core curriculum requirements. In addition to remaining in good standing, students who wish to become candidates in the Elementary Education concentration must:

- maintain both a minimum cumulative GPA of 2.50/4.00 and a GPA of 2.50/4.00 across eight courses in core content areas (English, mathematics, science, and social studies) at the time of application. Courses, including courses in the content areas, in which a student receives a grade lower than a C will not be applied to the licensure requirements.
- complete preprofessional trainings and approval processes for entry into fieldwork-based courses and practica.

Once a student is accepted for candidacy in the EE concentration, s/he formally becomes a candidate for teacher licensure.

Student Teaching—Senior Year

In order to qualify for entry into student teaching, a Teacher Candidate (TC) must maintain an overall GPA of 2.50/4.00 and a minimum 3.00/4.00 for professional education courses. Courses in which a student receives a grade lower than a C will not be applied to licensure requirements. Required courses cannot be taken for the credit/no credit and/or pass/fail option. TCs will student teach in the senior year. The TC should have completed all fieldwork leading to student teaching with satisfactory progress. TCs will conduct all of their student teaching practica in urban sites with which program faculty have had long-standing partnerships. In these partnerships, program faculty have identified school leaders and teachers who have a deep understanding and commitment to the families and communities that they serve.

Degree Program

- BA in Urban Education (p. 214)

BA in Urban Education

Program Codes:
20FP5252BA

Degree Requirements

In the first two years of study, students in the BA in Urban Education program will take the Urban Education Core Curriculum. This curriculum is characterized by the following:

- completion of the campus General Education course requirements which focus on a broad liberal arts education.
- requirements of the Grade 1-6 Professional Educator License (PEL) through the Illinois State Board of Education (ISBE) and completion of course requirements for the subsequent Early Childhood education (Birth to 2nd)
- completion of a set of foundational courses in professional education.

Semester Hour Requirements

Code	Title	Hours
Summary of Requirements		
Core Curriculum Requirements		60
Elementary Education Course Requirements		60
Total Hours		**120**

Core Curriculum Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Understanding the Creative Arts course [a]		3
GEOG 161	Introduction to Economic Geography [b,c]	3
POLS 101	Introduction to American Government and Politics [b,d]	3
Select one of the following:		3
HIST 103	Early America: From Colonization to Civil War and Reconstruction [d,e]	
HIST 104	Modern America: From Industrialization to Globalization [d,e]	
NATS 105	Physical Systems in Earth and Space Science (required) [f,g]	4
NATS 106	Chemical and Biological Systems (required) [f,g]	4
MATH 140	Arithmetic and Algebraic Structures [h]	4
MATH 141	Algebraic and Geometric Structures [h]	4
ED 100	Introduction to Urban Education [b,e]	3
ED 151	College Connection I [i]	1
ED 152	College Connection II [i]	1
ED 307	Nature and Practices of Natural Sciences	3
ED 205	Introduction to Race, Ethnicity, and Education [b,d]	3
EPSY 255	Child Development in Contemporary Society	3
EPSY 326	Child Health, Safety, and Nutrition	3
EPSY 382	Child, Family, and Community	3
Electives		

Students may use the elective hours to obtain subsequent licensure endorsements, including: Middle Grades (Grades 5 – 8) in General Science, Language Arts, Mathematics, and Social Science; Learning Behavior Specialist I (ages 5 – 21); and English as a Second Language/ Bilingual Education. ISBE requires students interested in obtaining an additional endorsement to take specific courses and to meet state licensure exam requirements. Transfer students are not required to take ED 151 and ED 152. Therefore, transfer students will need 8 hours of electives, whereas students who enter as first-year students will take ED 151, ED 152, and 6 hours of electives. All students must meet with a program advisor for a list of required courses for each endorsement. [j]	6-8
Total Hours	**60**

a *Students should consult the* General Education *section of the catalog for a list of courses in this category.*

b *This course is approved for the Understanding the Individual and Society General Education category.*

c *This course is approved for the Exploring World Cultures General Education category.*

d *This course is approved for the Understanding U.S. Society General Education category.*

e *This course is approved for the Understanding the Past General Education category.*

f *This course is approved for the Analyzing the Natural World General Education category.*

g *6 hours of IAI (Illinois Articulation Initiative) science courses may be transferred in and be used to satisfy the Natural Science requirement.*

h *6 hours of IAI (Illinois Articulation Initiative) science courses may be transferred in and be used to satisfy the Natural Science requirem*ent.

i *ED 151 and ED 152 are required courses for first-year students. Transfer students are not required to take ED 151 and ED 152.*

Elementary Education Concentration Requirements

Code	Title	Hours
Required Courses		
CI 401	Methods of Reading: Early Literacy in Urban Classrooms (an Classrooms)	3
CI 402	Reading and Writing in the Content Areas: Intermediate Literacy in Urban Classrooms	3
CI 403	Literacy in the Disciplines: Adolescent Literacy in Urban Classrooms	3
CI 404	Teaching and Learning Mathematics in the Urban Classroom	3
CI 405	Teaching and Learning Science in the Urban Classroom	3
CI 406	Teaching and Learning Social Sciences in the Urban Classroom	3
ED 316	Teacher Development I: Curating Teacher Agency in Urban Education Contexts	3
ED 317	Teacher Development II: Curating Teacher Identity in Urban Classrooms	3
ED 350	Foundations of Professional Practice in Comparative Contexts: Fieldwork I	3
ED 351	Foundations of Professional Practice in Urban Classrooms: Fieldwork II	3
ED 416	Practical Inquiry I: Teacher Competencies and Performance-Based Assessment	3
ED 417	Practical Inquiry II: Teacher Competencies and Performance-Based Assessment	3
ED 450	Pre-Student Teaching in the Urban Elementary Classroom, Fieldwork III: Arts, Health, and Physical Ed	6
ED 451	Student Teaching in the Urban Elementary Classroom: Fieldwork IV	12
SPED 416	Methods of Instruction for Exceptional Learners	3
CI 470	Language, Culture, and Learning in Urban Classrooms	3
Total Hours		**60**

Note: The number of semester hours required depends on the area of endorsement. ISBE requires students interested in obtaining additional endorsements to take specific endorsement courses. Students must meet with a program advisor for a list of required courses.

Student Teaching Requirement

Student teaching is completed in a linked-placement structure across both semesters of the senior year, with official student teaching occurring in the spring semester of students' last year. Minimum requirements for student teaching include senior standing; 3.00/4.00 GPA in the professional coursework; a grade of C or higher in all coursework required for licensure (courses taken for a credit/no credit option are not applicable towards licensure); satisfactory completion of fieldwork as assessed by university field instructors with input from school mentor teachers. Furthermore, it is required that students meet the following additional criteria: approval of the program faculty through review of performance according to the GPA; commitment to the Council of Education (CTE) Conceptual Framework; development of their Teaching Portfolio; and the passing of any required state tests. Urban Education candidates should also consult the State Teacher Licensure section below.

Courses to be completed successfully prior to student teaching include the following:

Code	Title	Hours
Required Courses		
Completion of all General Education requirements		
ED 100	Introduction to Urban Education	
ED 151	College Connection I [a]	
ED 152	College Connection II [a]	
CI 401	Methods of Reading: Early Literacy in Urban Classrooms	
ED 307	Nature and Practices of Natural Sciences	
CI 402	Reading and Writing in the Content Areas: Intermediate Literacy in Urban Classrooms	
CI 403	Literacy in the Disciplines: Adolescent Literacy in Urban Classrooms	

CI 404	Teaching and Learning Mathematics in the Urban Classroom
CI 405	Teaching and Learning Science in the Urban Classroom
CI 406	Teaching and Learning Social Sciences in the Urban Classroom
CI 470	Language, Culture, and Learning in Urban Classrooms
ED 316	Teacher Development I: Curating Teacher Agency in Urban Education Contexts
ED 317	Teacher Development II: Curating Teacher Identity in Urban Classrooms
ED 350	Foundations of Professional Practice in Comparative Contexts: Fieldwork I
ED 351	Foundations of Professional Practice in Urban Classrooms: Fieldwork II
EPSY 255	Child Development in Contemporary Society
EPSY 326	Child Health, Safety, and Nutrition
EPSY 382	Child, Family, and Community
SPED 416	Methods of Instruction for Exceptional Learners

a *ED 151 and ED 152 are required courses for first-year students. Transfer students are not required to take ED 151 and ED 152.*

State Teacher Licensure

The curricula for the preparation of elementary and secondary school teachers as listed in this catalog have been approved by the Illinois Board of Higher Education, the Higher Learning Commission, the Illinois State Board of Education, and the university.

Council on Teacher Education

The Council on Teacher Education is responsible for supporting licensure students and coordinating teacher education programs throughout the University of Illinois Chicago, and for maintaining relationships with the Illinois State Board of Education.

Decisions about licensure are a joint effort of a candidate's program, the Council on Teacher Education (CTE), and the Illinois State Board of Education (ISBE). The program coordinator and program faculty have the main responsibility for ensuring that candidates are prepared to become teachers and are, thus, entitled to apply for licensure. They approve qualifications before the CTE begins its process of evaluation. The CTE's licensure officer entitles an individual to apply for a license at the state level. The CTE checks that candidates have met state requirements, such as passing the required state-level tests and completing the course, assessment, and grade requirements stipulated by the program as addressing state objectives. ISBE makes the final decision about whether or not a candidate receives licensure based upon the information it receives from the institution and a candidate's application.

State Examinations

Prior to entitlement to licensure, the candidate must complete state examinations required by the Illinois State Board of Education.

Illinois Content Area Tests are state requirements for all endorsements, and are passed in progression to student teaching. These tests are administered and monitored by the State of Illinois. The candidate is responsible for meeting these requirements. See the ISBE information posted by the Council on Teacher Education regarding timelines for submitting passing scores.

Program Pass Rates

In accordance with the public disclosure requirements of Title II of the Higher Education Act, the University of Illinois Chicago reports that teacher education program completers scored as required on these two assessments required by the state for teacher licensure. During the 2017–2018 academic year, UIC program completers had a 100% pass rate on licensure exam requirements, as the statewide pass rate on required assessments was 100%.

Student Teaching

All teacher candidates (TCs) must submit applications for approval to student teach in and through the Chicago Public Schools. This approval process includes a background check (Illinois State Police and FBI). In order to student teach, TCs must submit student teaching application materials through both the CTE and the Chicago Public Schools. The CTE application process includes documentation of passed state requirements. In order to student teach within the Chicago Public Schools, TCs must subsequently complete a separate CPS registration packet, which includes additional vetting and criminal background checking. TCs are expected to bear the expense of all TB tests and criminal background checks. Students receive instructions for all fieldwork applications, and the ultimate student teaching applications from the CTE.

Illinois State Board of Education Endorsements

The BA in Urban Education offers pathways to the following endorsements:

- Middle Grades: Middle Grades Endorsement is offered as an additional endorsement for teaching students in Grades 5-8.
- Early Childhood Education (birth - 2nd grade)
- Special Education (birth - 21)
- English as a Second Language/Bilingual Education Endorsement

Please consult program faculty and program advisors for additional information regarding a completion of additional endorsements. Subsequent endorsements will require additional semester hours and time to degree.

Other Licensure Policies (or Requirements)

Per legislation signed in August 2011, the Illinois State Board of Education no longer requires Teacher Education candidates to prepare and sign form 73-91 (Notice of Intent to Become a United States Citizen) or, to verify their legal presence and eligibility for employment in the United States. All candidates will apply for their teaching credential online via the Educator Licensure System. Please note that, in some cases, the State of Illinois will not issue a teaching credential to an individual who has been convicted of a criminal offense. A candidate who has been convicted of an offense should notify his/her advisor immediately.

Sample Curriculum Plan for the BA in Urban Education

Core Curriculum Guide

Note: Suggested sequencing guide for students seeking to complete the BA in Urban Education in four years. Below is the sequencing guide for the Core Curriculum as suggested for years one and two for BA in Urban Education students.

Course	Title	Hours
Freshman Year		
First Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ED 100	Introduction to Urban Education	3
MATH 140	Arithmetic and Algebraic Structures	4
NATS 105	Physical Systems in Earth and Space Science	4
ED 151	College Connection I	1
	Hours	**15**
Second Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
EPSY 255	Child Development in Contemporary Society	3
MATH 141	Algebraic and Geometric Structures	4
NATS 106	Chemical and Biological Systems (required for Analyzing the Natural World General Education category)	4
ED 152	College Connection II	1
	Hours	**15**
Sophomore Year		
First Semester		
ED 205	Introduction to Race, Ethnicity, and Education	3
POLS 101	Introduction to American Government and Politics (required for Understanding U.S. Society General Education category)	3
HIST 103 or HIST 104	Early America: From Colonization to Civil War and Reconstruction or Modern America: From Industrialization to Globalization	3
EPSY 326	Child Health, Safety, and Nutrition	3
Elective		3-4
	Hours	**15-16**
Second Semester		
ED 307	Nature and Practices of Natural Sciences	3
GEOG 161	Introduction to Economic Geography	3
EPSY 382	Child, Family, and Community	3
Understanding the Creative Arts General Education course		3
Elective		3-4
	Hours	**15-16**
Junior Year		
First Semester		
CI 401	Methods of Reading: Early Literacy in Urban Classrooms	3
CI 404	Teaching and Learning Mathematics in the Urban Classroom	3
CI 470	Language, Culture, and Learning in Urban Classrooms	3
ED 316	Teacher Development I: Curating Teacher Agency in Urban Education Contexts	3
ED 350	Foundations of Professional Practice in Comparative Contexts: Fieldwork I	3
	Hours	**15**
Second Semester		
CI 402	Reading and Writing in the Content Areas: Intermediate Literacy in Urban Classrooms	3
CI 405	Teaching and Learning Science in the Urban Classroom	3
CI 406	Teaching and Learning Social Sciences in the Urban Classroom	3
ED 317	Teacher Development II: Curating Teacher Identity in Urban Classrooms	3
ED 351	Foundations of Professional Practice in Urban Classrooms: Fieldwork II	3
	Hours	**15**
Senior Year		
First Semester		
CI 403	Literacy in the Disciplines: Adolescent Literacy in Urban Classrooms	3
ED 416	Practical Inquiry I: Teacher Competencies and Performance-Based Assessment	3
ED 450	Pre-Student Teaching in the Urban Elementary Classroom, Fieldwork III: Arts, Health, and Physical Ed	6
SPED 416	Methods of Instruction for Exceptional Learners	3
	Hours	**15**
Second Semester		
ED 417	Practical Inquiry II: Teacher Competencies and Performance-Based Assessment	3
ED 451	Student Teaching in the Urban Elementary Classroom: Fieldwork IV	12
	Hours	**15**
	Total Hours	**120**

Department of Educational Psychology

Contact Information:
Campus Location: 3343 Education, Theater, Music, and Social Work (ETMSW)
(312) 996-5650
https://education.uic.edu/academics/undergraduate-programs/human-development-and-learning

Administration:
Department Chair, Dr. Michael Thomas
Program Coordinator, Dr. Bernadette Sánchez

The undergraduate program of the Department of Educational Psychology, the Bachelor of Arts in Human Development and Learning (HDL) focuses on the natural intersectionality of human development and learning and the importance of understanding these processes as embedded in social structures, contexts, and diverse cultures.

BA in Human Development and Learning

The BA in Human Development and Learning (HDL) is appropriate for students who have an interest working with individuals from infancy to adulthood and from diverse groups and/or communities. In addition, the program has an emphasis on preparing graduates with the ability to create optimal conditions for learning and development in a variety of formal and informal educational environments.

The BA in Human Development and Learning program grounds students in the theory and research that will enable them to work with individuals from diverse backgrounds and in a variety of formal and informal learning contexts and educational environments. Human development and human learning are complex and inter-related phenomena that are embedded within particular social, historical, and cultural contexts that not only shape and direct the course of learning and development, but are linked

to an individual's overall success, achievement, productivity, and ability to thrive.

This undergraduate program equips graduates with the skills and knowledge necessary to work in and design effective and high-quality informal learning environments and programs that take into account how diverse individuals learn and how that learning is impacted by developmental changes in key areas such as cognition, identity, and language. HDL graduates will have a deep understanding of how biological, contextual, institutional, structural and cultural factors affect individuals' developmental trajectories and the implications of this for working with people in a variety of contexts. Whether students are interested in working with young children, adolescents, or adults, the BA degree in Human Development and Learning will prepare them for a career that involves working with people to ensure their optimal development and learning.

Admissions Requirements for First Year Students

The BA in Human Development and Learning program has adopted the university's admissions requirements as listed in the Admissions (p. 42) section of the catalog under First Year Applicant and adheres to the campus policy on transfer students.

Degree Program

- BA in Human Development and Learning (p. 218)

Minor

- Minor in Instructional Design and Training (p. 222)

BA in Human Development and Learning

Program Codes:
20FP5485BA

Degree Requirements

To earn a Bachelor of Arts in Human Development and Learning from UIC, students must complete university, college, and department degree requirements. The Department of Educational Psychology requirements are outlined below. Students should consult the College of Education (p. 207) section for additional degree requirements and college academic policies.

HDL students choose at least one focus area to guide their course of study or an optional concentration to guide their course of study. In addition to HDL concentrations, HDL students can also earn a university minor or credentials from an external accrediting institution to prepare students for specific careers. Additional information is available on the College of Education focus areas and credentials page.

Students can earn up to two optional concentrations in HDL subdomains of interest. Four concentrations are available to students and appear on the student's transcript when earned:

1. Early Childhood
2. Family Studies
3. Learning Design and Technology
4. Youth Development

Courses appearing in concentration requirements may be used for HDL electives and core program requirement categories, when applicable. Students can refer to the specific program requirements for lists of required courses.

Code	Title	Hours
Summary of Requirements		
General Education Core and Elective Courses		70-73
Human Development and Learning Core Requirement Courses		47-50
Total Hours		**120**

General Education Core and Elective Courses

Code	Title	Hours
Required Courses		
Analyzing the Natural World course [a]		3-5
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Individual and Society course [a,b]		3-4
Understanding U.S. Society course [a,b]		3
Understanding the Past course [a]		3
Two elective courses from any General Education Core category		6
Quantitative Reasoning Requirement (see below)		3-5
ENGL 160 & ENGL 161	Academic Writing I: Writing in Academic and Public Contexts and Academic Writing II: Writing for Inquiry and Research	6
Electives		
Select courses of interest in consultation with an advisor in order to meet the credit hours required for graduation. Electives taken in the junior and senior years must be 300# level or above.		32-40
Total Hours		**70-73**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*
b *ED 135 is approved for this category and is a required Core course.*

Quantitative Reasoning Requirement

Human Development and Learning students must demonstrate competency in quantitative reasoning to earn a degree. Such competence can be demonstrated in any one of the following ways:

1. A score of 22 or above on the Mathematics section of the ACT exam prior to admission to the program.
2. Placement into MATH 121 or higher.
3. Grade of C or better in any one of the following courses: MATH 105, MATH 121, MATH 140[a], MATH 141[a], MATH 160, MATH 165, MATH 180, or STAT 101.
4. Grade of C or better in a logic course in PHIL 102 or PHIL 210.
5. Transfer students may present equivalent courses taken elsewhere, for which they have received a grade of C or better, to satisfy this requirement or placement into MATH 121 or higher

a *Transfer students require permission from the Math Department to enroll in these courses to fulfill the Quantitative Reasoning requirement.*

Human Development and Learning Core Requirements

Students must earn a grade of C or better in all coursework in the core.

Code	Title	Hours
Human Development and Learning Core		20-21
Research Core		6
Domains of Development and Learning Across the Lifespan		6
Diverse Populations and Learning Contexts		6-8
Human Development and Learning Electives		9
Total Hours		**47-50**

Code	Title	Hours
Human Development and Learning Core—Required Courses		
DLG 120	UIC First-Year Dialogue Seminar [a]	1
ED 135	Child and Youth Policies in Urban America [b,c]	3
EPSY 100	Introduction to Human Development and Learning	3
EPSY 150	Human Development and Learning Academic Success	2
EPSY 210	Principles of Learning and Instruction Across the Lifespan	3
Lifespan Core Sequence:		
EPSY 255 & EPSY 256 & EPSY 257	Child Development in Contemporary Society and Adolescent and Early Adulthood Development in Contemporary Society and Adult Development and Aging in Contemporary Society	9
Total Hours		**20-21**

a *DLG 120 is for first year students only. Transfer students are only required to take 20 hours in the HDL Core Courses.*

b *This course is approved for the Individual and Society General Education category.*

c *This course is approved for the US Society General Education category.*

Code	Title	Hours
Research Core—Required Courses		
EPSY 363	Understanding and Applying Research in Human Development	3
Select one of the following:		3
EPSY 373	Advanced Research Methods in Human Development and Learning	
EPSY 405	Educational Assessment and Evaluation [a]	
EPSY 416	Enhancing Program Quality in School-Age and Youth Development Programs [b]	
EPSY 450	Assessment and Evaluation of Learning Outcomes and Instructional Products [c]	
SPED 462	Assessment of Individuals with Disabilities	
Total Hours		**6**

a *EPSY 405 can also be taken to fulfill requirements in the Early Childhood concentration.*

b *EPSY 416 can also be taken to fulfill requirements in the Youth Development concentration.*

c *EPSY 450 can also be taken to fulfill requirements in the Learning Design and Technology concentration.*

Code	Title	Hours
Domains of Development and Learning Across the Lifespan—Required Courses		
Select one course from at least two of the following domains/areas:		6
Cognitive Development, Learning, and Instruction		
ED 421	Advanced Educational Psychology	
EPSY 429	Constructivist Approaches to Development: Piaget and Vygotsky	
Social Emotional Development and Learning		
EPSY 320	Understanding Children's Social Development & Socialization in an Urban Context [a,b]	
PSCH/ED 424	Social and Emotional Learning: Research, Practice, and Policy	
Language Development, Language Acquisition and Learning		
ED 258	Language Development and Learning in a Diverse Society [c]	
EPSY/SPED 466	Language Development, Diversity, and Disabilities [a]	
Self Process and Identity Development		
EPSY 340	Self and Identity Development Across the Lifespan	
Physical Development		
EPSY 242	Introduction to Sexuality Development Across the Lifespan [d]	
EPSY 326	Child Health, Safety, and Nutrition [a,e]	
EPSY 426	Development, Health and Wellness: Conception to age 8 [e]	
Total Hours		**6**

a *EPSY 320, EPSY 466/SPED 466, and EPSY 326 can be taken to fulfill requirements in the Early Childhood concentration.*

b *EPSY 320 can be taken to fulfill requirements in the Youth Development concentration.*

c *ED 258 is approved for the following General Education categories: Understanding the Individual and Society and Understanding U.S. Society.*

d *EPSY 242 is approved for the Understanding the Individual and Society General Education category.*

e *EPSY 326 and EPSY 426 can be taken to fulfill requirements in the Family Studies concentration.*

Code	Title	Hours
Diverse Populations and Learning Contexts—Required Courses		
Diverse Populations		
Students must take a minimum of 3 hours focused on the psychosocial development, learning, health, and/or well# being of diverse individuals and/or families or focused on the ways that issues such as race/ethnicity, class, gender, sexual orientation, ability, or culture affect learning and development of individuals. This course is an elective but must be approved by an advisor. Courses can be chosen from within the College of Education or across the university. Examples include but are not limited to the following:		3-4
ED 205	Introduction to Race, Ethnicity, and Education [a]	
ED 222	Introduction to Gender, Sexuality, and Education [a]	
EPSY 242	Introduction to Sexuality Development Across the Lifespan	
EPSY 320	Understanding Children's Social Development & Socialization in an Urban Context [b,c]	
EPSY 374	Observation, Curriculum, and Learning Environments for Very Young Children	
EPSY 383	Critical Perspectives in Latinx Human Development	
EPSY 420	Advanced Social Development of Children in an Urban Context	
EPSY 424	Family Diversity and Film: A Resilience Framework [d]	
SPED/EPSY 466	Language Development, Diversity, and Disabilities [b]	
SPED/EPSY 467	Understanding Students With Low Incidence Disabilities	
Learning Contexts		
Students must take one course specifically focused on learning and development in context. Select one of the following or an approved equivalent course:		3-4
ED 445	Adolescence and the Schools [c]	
EDPS 480	Youth Culture Community Organizing and Education	
EPSY 414	Developing Programs For Youth [c]	
EPSY 370	ECE and Curriculum [b]	
EPSY 382	Child, Family, and Community [d]	
EPSY 415	Fieldwork in Human Development and Learning in Urban Contexts	
EPSY 422	Children, the Changing Natural World, and Environmental Stewardship	
EPSY 423	Digital Environmental Storytelling and Advocacy	
EPSY 424	Family Diversity and Film: A Resilience Framework [d]	
SPED 461	Political and Socio-Cultural Perspectives on Special Education	
EPSY 371	Human Development and Learning in the Context of Institutions	
EPSY 471	Facilitating Healthy Development in the Context of Trauma	
Total Hours		**6-8**

a *ED 205 and ED 222 are approved for the following General Education categories: Understanding the Individual and Society and Understanding U.S. Society.*

b *EPSY 320, EPSY 370, and SPED 466/EPSY 466 can be taken to fulfill requirements in the Early Childhood concentration.*

c *ED 445, EPSY 320, and EPSY 414 can be taken to fulfill requirements for the Youth Development concentration.*

d *EPSY 382 and EPSY 424 can be taken to fulfill requirements of the Family Studies concentration*.

Code	Title	Hours
Human Development and Learning Electives		
Choose from any advanced#level Educational Psychology course offerings; ED 421, ED 422, ED 445; or related disciplines at the 300 or 400 level in consultation with an academic advisor. Examples include but are not limited to: [a]		9
EPSY 320	Understanding Children's Social Development & Socialization in an Urban Context [a,b]	
EPSY 370	ECE and Curriculum [b]	
EPSY 371	Human Development and Learning in the Context of Institutions	
EPSY 372	Youth, Families, Communities, and Justice	
EPSY 373	Advanced Research Methods in Human Development and Learning	
EPSY 380	Instructional Design and Training	
EPSY 405	Educational Assessment and Evaluation [b]	
EPSY 414	Developing Programs For Youth [a]	
EPSY 415	Fieldwork in Human Development and Learning in Urban Contexts	
EPSY 420	Advanced Social Development of Children in an Urban Context	
EPSY 424	Family Diversity and Film: A Resilience Framework [c]	
EPSY 429	Constructivist Approaches to Development: Piaget and Vygotsky	
EPSY 446	Characteristics of Early Adolescence [a]	
EPSY/SPED 449	Early Childhood/Early Childhood Special Education: Perspectives, Policies and History	
EPSY 482	Collaborating with Families, Community, and Professionals [c]	
Total Hours		**9**

a *ED 445, EPSY 320, EPSY 414, and EPSY 446 can be taken to fulfill requirements in the Youth Development concentration.*

b *EPSY 320, EPSY 370, and EPSY 405 can be taken to fulfill requirements in the Early Childhood concentration.*

c *EPSY 424 and EPSY 482 can be taken to fulfill requirements in the Family Studies Concentration.*

Optional Concentrations

Students will have the option to declare up to two concentrations that enable them to gain advanced knowledge in a particular area of emphasis. Students will use hours of HDL electives toward concentration requirements. Students in good standing with a minimum 2.00/4.00 grade point average can declare a concentration any time after their first semester in the program.

Early Childhood

In this concentration, students will learn the emotional, physical, social, and intellectual development within context from infancy through childhood up to age 12. Students have the option to take additional courses toward the Illinois Gateways Level 5 Early Childhood Education Credential. Minimum semester hours: 9

Code	Title	Hours
Required Courses		
EPSY 370	ECE and Curriculum	3
Select two additional courses from the following list:		6
EPSY 326	Child Health, Safety, and Nutrition	
EPSY 320	Understanding Children's Social Development & Socialization in an Urban Context	
EPSY 405	Educational Assessment and Evaluation	
EPSY 461	Seminar and Fieldwork in Human Development and Learning	
EPSY/SPED 466	Language Development, Diversity, and Disabilities	
CI 481	Foundation and Current Issues in Educating English Language Learners	
Total Hours		**9**

Family Studies

Students in this concentration will learn about the role of families in human development and how to collaborate and work with families. Students have the option to take additional courses toward the Illinois Gateway Family Specialist Credential. Minimum semester hours: 9

Code	Title	Hours
Required Courses		
Select three of the following courses:		9
EPSY 326	Child Health, Safety, and Nutrition	
EPSY 382	Child, Family, and Community	
EPSY 424	Family Diversity and Film: A Resilience Framework	
EPSY 426	Development, Health and Wellness: Conception to age 8	
EPSY 453	Educational Programming and Community Relations for Leaders in Early Childhood Education	
EPSY 461	Seminar and Fieldwork in Human Development and Learning	
EPSY/SPED 482	Collaborating with Families, Community, and Professionals	
Total Hours		**9**

Learning Design and Technology

Students in this concentration will learn to make effective interactive experiences, educational products, and technology-based approaches that promote learning across the lifespan. Students who select this concentration cannot also earn the Instructional Design and Technology minor. Minimum semester hours: 12

Code	Title	Hours
Required Courses		
EPSY 380	Instructional Design and Training	3
EPSY 450	Assessment and Evaluation of Learning Outcomes and Instructional Products	3
Selection two courses from the following list:		6
EPSY 400	Print-based Instructional Materials: Design and Development	
EPSY 430	Interactive Online Instruction: Design and Development	
EPSY 440	Engaging Multimedia Instruction: Design and Development	
Total Hours		**12**

Youth Development

In this concentration, students will learn the emotional, physical, social, and intellectual development within context of children and adolescents aged 10-25 years as well as asset-based approaches to create and support spaces, programs, and organizations that facilitate health youth development. Minimum semester hours: 9

Code	Title	Hours
Required Courses		
EPSY 414	Developing Programs For Youth	3
Select two courses from the following list:		6
EPSY 320	Understanding Children's Social Development & Socialization in an Urban Context	
EPSY 416	Enhancing Program Quality in School-Age and Youth Development Programs	
ED 445	Adolescence and the Schools	
EPSY 446	Characteristics of Early Adolescence	
EPSY 461	Seminar and Fieldwork in Human Development and Learning	
Total Hours		**9**

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
EPSY 100	Introduction to Human Development and Learning	3
DLG 120	UIC First-Year Dialogue Seminar [a]	1
EPSY 150	Human Development and Learning Academic Success	2
General Education Requirement course - Understanding the Individual and Society		3
Elective		3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3

ED 135	Child and Youth Policies in Urban America	3
EPSY 210	Principles of Learning and Instruction Across the Lifespan	3
General Education Requirement course - Understanding Creative Arts		3
Elective		3
	Hours	**15**

Second Year

Fall Semester

EPSY 255 or EPSY 256 or EPSY 257	Child Development in Contemporary Society or Adolescent and Early Adulthood Development in Contemporary Society or Adult Development and Aging in Contemporary Society	3
Diverse Populations Elective		3
General Education Requirement course - Understanding U.S. Society		3
General Education Requirement course - Understanding the Past		3
Quantitative Reasoning course		3
	Hours	**15**

Spring Semester

EPSY 255 or EPSY 256 or EPSY 257	Child Development in Contemporary Society or Adolescent and Early Adulthood Development in Contemporary Society or Adult Development and Aging in Contemporary Society	3
General Education Requirement course - Exploring World Cultures		3
General Education Requirement course - Analyzing the Natural World		3
Elective		3
Elective		3
	Hours	**15**

Third Year

Fall Semester

Domain of Development and Learning Across the Lifespan Selective		3
Human Development and Learning Elective (300- or 400-level EPSY course approved by advisor)		3
EPSY 255 or EPSY 256 or EPSY 257	Child Development in Contemporary Society or Adolescent and Early Adulthood Development in Contemporary Society or Adult Development and Aging in Contemporary Society	3
Elective		3
Elective		3
	Hours	**15**

Spring Semester

EPSY 363	Understanding and Applying Research in Human Development	3
Human Development and Learning Elective (300- or 400-level EPSY course approved by advisor)		3
Domains of Development and Learning Across the Lifespan Selective		3
Elective		3
Elective		3
	Hours	**15**

Fourth Year

Fall Semester

Learning Context Selective		3
Human Development and Learning Elective (300- or 400-level EPSY course approved by advisor)		3
Elective		3
Elective		3
Elective		3
	Hours	**15**

Spring Semester

Elective		3
Elective		3
Elective		3
Elective		3
	Hours	**15**
	Total Hours	**120**

a *DLG 120 is for first year students only. Transfer students are only required to take 20 hours in the HDL Core Courses.*

Note: Electives must be selected in consultation with an advisor in the College of Education. Electives taken in the junior and senior year must be at the 300 level or above.

Minor in Instructional Design and Training

Requirements for the Minor

The Minor in Instructional Design and Training (IDT) is open to majors from other units and colleges, and majors within the College of Education. Students will be admitted to the IDT minor if they meet the minimum GPA of 2.00/4.00 at the time of application. Students are encouraged to consult their home colleges about acceptability and applicability of IDT course credit toward their degree. Please check the IDT website for more information about admission to the IDT minor and the procedure for declaring a minor on a student transcript.

A GPA of 2.50/4.00 is required in courses taken towards the minor.

Code	Title	Hours
Required Core Foundation Courses		
EPSY 210	Principles of Learning and Instruction Across the Lifespan	3
EPSY 380	Instructional Design and Training	3
EPSY 450	Assessment and Evaluation of Learning Outcomes and Instructional Products [a]	3
Selective Courses		
Select a minimum of one additional production course from the list of approved selectives:		3-9
EPSY 400	Print-based Instructional Materials: Design and Development [a]	
EPSY 430	Interactive Online Instruction: Design and Development [a]	
EPSY 440	Engaging Multimedia Instruction: Design and Development [a]	
Total Hours		**12-18**

a *The prerequisite for EPSY 400, EPSY 430, EPSY 440, and EPSY 450 is EPSY 380.*

Students are required to take EPSY 380 before they take the following:

Code	Title	Hours
Courses		
EPSY 400	Print-based Instructional Materials: Design and Development	3
EPSY 430	Interactive Online Instruction: Design and Development	3
EPSY 440	Engaging Multimedia Instruction: Design and Development	3

EPSY 450	Assessment and Evaluation of Learning Outcomes and Instructional Products	3

It is also recommended but is not required that students take EPSY 210 and one of the production courses prior to taking EPSY 450.

Enrollment Residence Requirement for the Minor

A student must complete at least one-half of the coursework required for the minor field in enrollment residence at the University of Illinois Chicago.

College of Engineering

Contact Information:
Campus Location: 123 Science and Engineering Offices (SEO)
(312) 996-3463
engineering.uic.edu

Administration:
Dean, Lola Eniola-Adefeso
Associate Dean, Undergraduate Affairs, Miiri Kotche
Student Services: 123 SEO
Academic Advising: 123 SEO (for appointments)
Departments: Biomedical Engineering (BME), Chemical Engineering (CHE), Civil, Materials, and Environmental Engineering (CME), Computer Science (CS), Electrical and Computer Engineering (ECE), and Mechanical and Industrial Engineering (MIE)

The College of Engineering offers degree programs in engineering, computer science, and data science. These degree programs prepare men and women for one or more of the many career opportunities in the engineering or computer science professions, such as those in design, production, research, development, management, or sales. An engineering, computer science or data science education also prepares a student for further study in medicine, law, business administration, and other areas.

Instruction in the college is complemented by intensive research activity by most of the faculty. Research is directed toward supporting the educational programs of the college, solving contemporary technological problems, and extending the frontiers of scientific knowledge. This continuing research activity helps to ensure the integrity and progressive evolution of instructional programs at all levels. In conjunction with their teaching and research, many of the faculty also engage in public service activities in the community and in government on the local, state, and federal levels.

Mission of the College

Through our commitment to excellence, accessible education and impactful research, we prepare curious, proficient and diverse engineers and computer scientists to lead and advance upward mobility locally and globally.

Undergraduate Study in Engineering

A primary goal of the UIC College of Engineering is to ensure that its students are well prepared for:

1. Practice in the engineering profession;
2. Continued formal education at the graduate level; and
3. Continued education to adapt to evolving technologies and changing markets.

College faculty and administration are continually reevaluating and revising curricula so that engineering and computer science degree programs consistently incorporate the changes that are occurring in technology and society.

The college attracts students and faculty who represent a broad spectrum of nationalities, cultures, races, ages, and genders. Diversity is also reflected in the number and types of employment opportunities available to students. Area corporate partnerships support co-op and internship experiences that are tailored to individual student needs.

Accreditation

Nine undergraduate degree programs of the College of Engineering are accredited by the

Accreditation Board for Engineering and Technology (ABET)

415 North Charles Street
Baltimore, Maryland 21201
(410) 347-7700
http://www.abet.org

Those programs receiving approval by the Engineering Accreditation Commission (EAC) of ABET include biomedical engineering, chemical engineering, civil engineering, computer engineering, electrical engineering, engineering physics, industrial engineering, and mechanical engineering. The Computing Accreditation Commission (CAC) of ABET has accredited the program in computer science. Accreditation has not been sought for the interdisciplinary program in engineering management.

Degree Requirements

To earn a BS degree from the College of Engineering at UIC, students need to complete university, college, and department degree requirements. University and college degree requirements for all College of Engineering students are outlined below. Students should consult their department section for additional degree requirements.

Semester Hour Requirement

Major	School	Degree Conferred	Total Hours
Biomedical Engineering	Biomedical Engineering	BS in Biomedical Engineering	128
Chemical Engineering	Chemical Engineering	BS in Chemical Engineering	128
Civil Engineering	Civil, Materials, and Environmental Engineering	BS in Civil Engineering	128
Computer Engineering	Electrical and Computer Engineering	BS in Computer Engineering	128
Computer Science	Computer Science	BS in Computer Science	128

Computer Science and Design	Computer Science	BS in Computer Science and Design	122
Data Science	Computer Science	BS in Data Science	120
Electrical Engineering	Electrical and Computer Engineering	BS in Electrical Engineering	128
Engineering Management[a]	Mechanical and Industrial Engineering	BS in Engineering Management	128
Engineering Physics[b]	Electrical and Computer Engineering	BS in Engineering Physics	128
Environmental Engineering	Civil, Materials, and Environmental Engineering	BS in Environmental Engineering	128
Industrial Engineering	Mechanical and Industrial Engineering	BS in Industrial Engineering	128
Mechanical Engineering	Mechanical and Industrial Engineering	BS in Mechanical Engineering	128

a *Offered jointly with the College of Business Administration.*
b *Offered jointly with the Department of Physics in the College of Liberal Arts and Sciences.*

Course Requirements

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. Students are required to complete a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog. Information on meeting the General Education requirements for each degree program is provided in the College of Engineering department sections.

General Education Proficiencies—University Writing Requirement

College of Engineering students meet the requirement by achieving a passing grade in ENGL 160 and ENGL 161. Credit for ENGL 160 may be earned on the basis of a score of 3, 4, or 5 on the AP English Language and Composition exam, an ACT English subscore of 27 or higher, an SAT Reading and Writing score of 630 or higher. Students should consult the Academic Standing (p. 71) section for more information on required scores.

Orientation Course Requirement

All incoming freshmen students must take an engineering orientation course ENGR 100 during the first or second term at UIC. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling. Satisfactory completion of the engineering orientation course is a graduation requirement.

Recommended First-Year Program

Code	Title	Hours
Engineering Orientation [a]		1
ENGL 160 & ENGL 161	Academic Writing I: Writing in Academic and Public Contexts and Academic Writing II: Writing for Inquiry and Research	6
Chemistry (Computer Science majors may take Biological Sciences or Earth and Environmental Sciences) [b]		5
Mathematics [c]		8
Physics (Computer Science majors may take Biological Sciences or Earth and Environmental Sciences)		4
Engineering/computer course		3
General Education Core courses		0-6
Total Hours		**26-32**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. However, the hour does count in the calculation of tuition and toward full- or part-time enrollment status and financial aid eligibility. The course must be taken in the first or second term at UIC. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*
b *The normal chemistry requirement is CHEM 122/CHEM 123 for students who pass the placement examination in chemistry. Students who do not pass the examination may be required to take CHEM 101.*
c *The beginning mathematics course in the College of Engineering is MATH 180 for students who pass the mathematics placement examination. Students who do not pass the examination will be placed in specific preparatory mathematics courses by the mathematics department.*

Other Requirements

Coursework Limitations

- For the degree of Bachelor of Science, between 120-128 semester hours acceptable to the College of Engineering is required for graduation. (See individual majors for the specific hours required for graduation.)
- Coursework that duplicates previous credit does not count toward graduation; no credit is given for a course in which a failing grade is received.
- Credit earned in ENGL 060 does not count toward graduation in the college.
- Credit for graduation is not given by the College of Engineering for courses numbered below CHEM 116, PHYS 141, and MATH 180; such preparatory courses cannot be used as nonmajor electives or free electives.
- All courses will be used when determining a student's full-time or part-time status; for computing grade point averages (except for 000-

level courses); and in determining academic notice, dismissal, and Dean's List statuses.

Free Elective Credit

Students in some majors must complete 1–14 semester hours in free elective courses to reach the120 -128 required for degrees in the College of Engineering. These hours are in addition to specific types of elective groups (humanities, social science, nonmajor-rubric, additional math, technical, or area electives). These free elective courses may be technical or nontechnical, but remedial or duplicative courses are not allowed. A maximum of 2 semester hours of free elective credit in kinesiology is allowed.

Grade Point Average (GPA) Requirement

In order to receive a degree from the College of Engineering, a student must present a minimum grade point average of 2.00/4.00 in all work in the major. In addition, the student must satisfy the UIC requirement of a 2.00/4.00 grade point average in two categories:

1. all work taken at UIC;
2. all work taken at UIC and all other two- and four-year institutions combined.

Graduation Declaration/Filing to Graduate

Students declare their intent to graduate online using my.UIC. The deadline for submission to the Pending Degree List is the end of the third week (fall and spring) or second week (Summer Session 2) of the term in which graduation is sought. Failure to submit the request at this time may delay the awarding of the degree. A final review will be made following the close of the term. If a student has satisfactorily completed all the degree requirements, the student's name will be placed on the official degree list.

Enrollment Residence Requirement

Either the first 90 or the last 30 semester hours of degree work must be completed in continuous, uninterrupted enrollment residence at UIC. In addition, at least one-half of the semester hours required in the student's major area of study must be completed at UIC. Concurrent attendance at the University of Illinois Chicago and another collegiate institution or enrollment during the summer at another institution, when approved by the student's college, does not interrupt the UIC enrollment residence requirement for graduation. Work taken at the Urbana-Champaign or Springfield campuses of the University of Illinois cannot be used to satisfy this requirement. Credit earned through proficiency examinations, including credit earned through the College Level Examination Program (CLEP), UIC extension courses, and Urbana-Champaign correspondence courses does not apply toward nor interrupt the enrollment residence requirement.

Transfer Credit Limitations

The College of Engineering requires that of the 120 -128 semester hours needed for the degree, at least 60 semester hours must be taken at UIC or another accredited four-year institution; the university enrollment residence requirement (see above) must also be satisfied. For most transfer students, these requirements mean that additional transfer credits from junior (or community) colleges are severely restricted or not permitted.

Upper-division (300- and 400-level) courses in ABET-accredited engineering, computer science, and data science majors can be transferred only from other ABET-accredited engineering or computer science programs. This limits transfer of credits from junior colleges, U.S. vocational or technology programs, and overseas programs to lower-division (100- and 200-level) courses.

All transferable courses must have a grade of C or better in order to be considered for credit toward a degree in the College of Engineering.

Transfer Credit for Continuing Students

Continuing students planning to take non-UIC courses must get prior approval from the College of Engineering.

Military Science Credits Toward the Degree

The College of Engineering applies earned credits in Military Science courses as elective credit in accordance with UIC policy.

College Policies

Academic Load

During the fall and spring semesters, a full-time program is 12 to 18 semester hours. More than 18 semester hours is considered an overload and students must seek approval by filing a petition form from the College of Engineering Student Resource page. For Summer Session 1 (Four-Week) and Summer Session 2 (Eight-Week), UIC considers a total aggregate of 6 semester hours as the minimum number necessary to constitute full-time enrollment. Students seeking to take more than 9 semester hours during the summer should file a petition in 123 SEO.

Academic Notice and Dismissal Rules

Term Notice Rules

Any student whose grade point average for any term falls below 2.00/4.00 but whose UIC cumulative grade point average is above 2.00 will be placed on Term Notice for the following term. The student will return to clear status if a grade point average of at least 2.00 is earned without any grade less than C in the following term.

Academic Notice Rules

Any student whose UIC cumulative grade point average falls below 2.00/4.00 is placed on Academic Notice. A student on Academic Notice is required to earn at least one B and no grade less than a C in each ensuing term until both the UIC cumulative grade point average and the total cumulative grade point average are above 2.00/4.00.

Dismissal Rules

1. A student on academic notice who does not meet the academic requirements will be dismissed from the university.
2. A student who fails to make progress toward a degree may be dismissed. Examples of failure to make progress include excessive term deficit points,[a] failure to complete required courses, accumulation of excessive number of Incomplete (I) grades, failure to earn credit in any semester, and failure to maintain a 2.00 average in the major discipline.
3. A student may be readmitted after the first dismissal with a petition and presentation of above-satisfactory performance in college-level courses taken outside of UIC. The non-UIC work evaluated for readmission may or may not apply towards a UIC degree. However, only in rare cases, a student will be readmitted after the second dismissal.

a *Credit-hour weighted sum of following values: A=+2, B=+1, C=0, D=-1, F=-2.*

Change of Course Schedule—Dropping Courses

Undergraduate students may drop courses using my.UIC through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript. Undergraduate students may drop a maximum of four UIC individual courses that result in a W notation on their transcript during their entire undergraduate degree program. College of Engineering students must submit a Late Drop Petition Form on the College of Engineering Student Resource page.

A student who wishes to drop all courses must withdraw from the university by completing a special form and submitting it to the College Office, 123 SEO, by the end of the last business day before final examinations. The grades of W for all courses in the term withdrawn do not count towards the maximum of four allowed late course drops. Student can register normally in the next term.

Changes within a Major

Changes within degree programs are handled through petitions. A General Engineering Petition or Petition for Modification of Major is required when a student wishes to change contents of a major. College of Engineering students can submit petitions though the College of Engineering Student Resource page.

Class Attendance

In case of excessive absences, the course instructor may recommend to the college that a student be dropped from the course. Adverse consequences of such involuntary course drop must be weighed against high probability of failure in the course. Moreover, such involuntary course drops must be within the framework of four allowable late course drops by sixth week in fall or spring (between the third Wednesday of Summer Session 1 and fifth Friday of Summer Session 2).

Course Prerequisites

All students must follow the listed prerequisites when registering for courses. Students found to be registered in a course without meeting the prerequisites will be dropped from the course. It is the student's responsibility to ensure that they have the listed prerequisites. It is difficult to perform satisfactorily in most engineering courses without having the listed prerequisites.

Credit/No Credit Option

Certain types of courses may be taken on the credit/no credit option in the College of Engineering. In this option, a student will be allowed to complete a limited number of courses with a grade of credit (CR) or no credit (NC) instead of a letter grade. Courses below the 200-level, required courses, and essential prerequisite courses cannot be taken as credit/no credit. Students can submit a petition at the College of Engineering Student Resource page.

Students must apply at their college office no later than the tenth day of the term (first Wednesday of Summer Session 1 or first Friday of Summer Session 2) to have a course designated for credit/no credit grading option.

Declaring a Major

All students entering the College of Engineering must declare a major in order to be assigned a departmental faculty advisor after the first term. Students must declare their majors at the time of entry to the college or by the end of their first term. Students can petition to change their major by submitting a petition at the College of Engineering Student Resource page.

Double Major, Double Degrees, and Second Bachelor's Degree

Double Major

This option is not available in the College of Engineering.

Double Degrees

Double degrees are possible for some College of Engineering students who want to pursue two bachelor's degrees concurrently. Students must complete a minimum of 30 additional hours of 300- and 400-level coursework for the second degree. Combination of degrees that have substantial overlap is not allowed. Interested students should speak with an advisor and submit a petition to College of Engineering Office, 123 SEO.

Second Bachelor's Degree

Students who have already earned a bachelor's degree must apply and be admitted as an undergraduate to the College of Engineering in order to pursue a second bachelor's degree. Students must complete all requirements for the second degree as specified by the college and the major department, including a minimum of 30 additional hours of 300- and 400-level coursework beyond those required for the first degree. The UIC enrollment residence requirement must also be met, i.e., the last 30 semester hours for second degree must be taken at UIC. Combination of degrees that have substantial overlap is not allowed.

Application of Military Science Credits Toward the Degree

Earned credits in Military Science courses are applied toward partial fulfillment of degree requirements subject to the following:

- Military Science courses approved for general education are excluded from these limitations.
- Credits earned in 200-.300-,and 400-level MILS courses are applied as general elective credits and fulfill credit hour requirements for undergraduate degrees.
- Colleges may determine the applicability of MILS courses to satisfy college-specific requirements of majors, minors, concentrations, selectives, or electives.
- Colleges may allow a maximum of three semester hours of credit for Military Science courses at the 100 level. Colleges may allow an additional one hour of credit in basic military science for a minimum of six months of extended active duty in any branch of the armed forces of the United States.

- These rules apply to courses in naval science (NS) offered to UIC undergraduates and appearing on a UIC transcript but taught at the Illinois Institute of Technology (Illinois Tech).

College of Engineering Foreign Language Policy

While the College of Engineering does not have a foreign language requirement, certain majors may elect to include this as a requirement for the major. Additionally, students may elect to take foreign language courses to satisfy free elective credits and/or to pursue a minor. This policy outlines how a foreign language requirement can be satisfied and how retroactive credit can be applied in cases when a student places into a higher-level course based on the UIC placement test.

Foreign Language Requirement for majors that require a language sequence.

The basic requirement is proficiency in a language that has a recognized literature or culture. The level of proficiency must be the equivalent of that expected of the student who has completed the elementary levels of language study (i.e., the first year) at the University of Illinois Chicago. Students studying a foreign language at UIC are strongly encouraged to register for required language courses in consecutive semesters until the requirement is met. Students may satisfy the requirement in any one of several ways:

- By presenting qualifying scores on Advanced Placement examinations in a foreign language, a qualifying score on a UIC foreign language placement test, appropriate coursework as awarded per the State Seal of Biliteracy, or other authorized proficiency test for languages not offered at UIC.
- By transferring credit for one year of a single language at the college level.
- By completing two semesters of language courses at UIC. The university currently offers complete sequences in Arabic, Chinese, French, German, Italian, Japanese, Korean, Latin, Lithuanian, Modern Greek, Polish, Russian, and Spanish.
- By completing a partial sequence of language courses as determined by the results of a placement test or placement by a language department. The college determines eligibility for credit in a recommended course.
- By presenting evidence of secondary education completed in a country where the language of instruction was other than English. No elementary- or intermediate-level course or proficiency credit will be given for that language. The language requirement, however, will be considered fulfilled only if the student consults a dean for application of this rule and receives conditional approval.
- By demonstrating proficiency in American Sign Language via transferring credit for a full or partial sequence of approved courses from an accredited U.S. college or university, as determined by the results of a placement test or placement by a language department. Courses must include the study of deaf culture.

Retroactive Credits in Foreign Language

A student who has placed into the 104 or higher level of a foreign language taught at UIC as the result of the UIC administered placement tests may receive academic proficiency credits for prerequisite courses.

- Placement into the 104-level provides four hours of proficiency credit for the 103-level course if the student completes the 104-level course with a grade of B or higher.
- Placement into the final course in a heritage language sequence will provide four hours of credit for the prerequisite course if the student completes the course with a B or higher.
- Placement at the 200-level provides four hours of proficiency credit for the 103-level course and four hours of proficiency credit for the 104-level course if the student completes the 200-level course with a grade of B or higher. The same provision applies to heritage language course placement except that proficiency credit is awarded for the two previous prerequisite heritage courses.
- These credits are awarded only for courses taught at UIC and only based on new student placement test results for those with no prior college-level foreign language credits. Retroactive credit may be applied for a single student for more than one language sequence.
- Proficiency credits appear as PS on the transcript and are not calculated into the grade point average. Proficiency credit does not apply to placements based on AP or IB scores for which credits are applied in a prescribed manner. CLEP credits are not accepted for foreign language courses.
- Proficiency credit is not awarded for a 104-level course if a student has transfer, AP, or IB credit for a 103-level course, and then places into and receives an A or B in a 200-level course at UIC.
- Students are eligible for proficiency credits in a language that they have not previously earned credit in, even if they have previously taken course(s) in another foreign language. For example, if a student has earned credit in Polish, but now wants to study Chinese and places into CHIN 104, they could be eligible for proficiency credit in CHIN 103, if they take and pass CHIN 104 with a grade of B or higher.
- Native speakers of a foreign language, including international students, are eligible to earn retroactive foreign language credits.
- Students to whom this section applies must initiate the request for the credits by submitting a general petition to COE by using the online petition forms.

Graduate-Level Courses for Undergraduate Credit

Many 400-level courses are part of required or elective courses. Students need special permission from the college to take 500-level courses.

Proficiency Examinations

Students with nontransferable college-level credits in Academic Writing, mathematics, sciences, and computer programming may earn credits through proficiency examinations, if such examinations are allowed by the departments offering these courses.

Registration Approval

All incoming freshmen and transfer students need approval of a college advisor before registration for courses. Such approval is typically obtained during the orientation visit to the campus. All continuing students need approval from their faculty advisor before registering for courses.

Repeat Policy for Standard Graded Courses

Students may repeat a course to increase their knowledge of the subject matter. There are circumstances under which repeating a course is advisable and to a student's advantage. There are also circumstances where repeating a course may disadvantage a student and narrow a student's options. Some colleges require students to discuss any plan to

repeat a course with their academic advisor before they register to repeat the course.

Courses with A or B grades may not be repeated. Normally, courses with a C grade may not be repeated. Courses with D or F grades may be repeated once without written permission. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. The original grade and grade for each repeat will be calculated into the grade point average. Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once requires written permission from the student's college dean. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The semester hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Transferring

Intercollege Transfer Students

Students enrolled in other UIC colleges who wish to transfer to the College of Engineering may apply at any time during the regular semester; see the Transfer Students from Other Colleges and Universities section below for specific requirements.

Transfer Students from Other Colleges and Universities

The College of Engineering admits qualified transfer students from accredited institutions. Depending upon space availability, admission preference will be given to individuals who qualify as Illinois residents as determined by the university (see Regulations Governing the Determination of State Residence Status for Admission and Assessment of Student Tuition). Generally 60 semester hours (90 quarter hours) of transfer work must include English, math, and science courses listed below for admission. Exceptional students who have completed most of these listed English, math, and science courses may be admitted even if they have not completed 60 semester hours by the time of entry to the college. The college will consider residents of the state of Illinois who have a transfer grade point average of at least 2.50/4.00 in math/science/technical courses as well as on a cumulative basis. Out-of-state residents must have a minimum transfer GPA (math/science/technical and cumulative) of 2.50/4.00 and international students that of 2.75/4.00 to be considered for admission. Admission criteria may vary for different programs. Meeting the minimum criteria does not guarantee admission due to limited space availability.

All transfer applicants should complete the following coursework by the time of entry to the College of Engineering:

1. Academic Writing (two courses).
2. Chemistry, equivalent to CHEM 122/CHEM 123 at UIC. (Computer Science students may substitute Biological Sciences or Earth and Environmental Sciences.)
3. Physics for engineers, emphasizing mechanics, electricity, and magnetism (with calculus as a prerequisite). (Computer Science students may substitute Biological Sciences or Earth and Environmental Sciences.)
4. Mathematics through differential equations.

All transferable courses must have a grade of C or better in order to be considered for credit toward a degree in the College of Engineering.

See the Admissions (p. 42) section for application deadline dates and other procedures for transfer students. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

Transferring Out of the College

Since procedures for changing colleges differ among the undergraduate colleges, a student should inquire in 123 SEO for proper instructions.

Undergraduate Research in Engineering

Several engineering majors allow undergraduate research within respective engineering departments as technical electives if certain eligibility criteria are met. Prior approval of research topic and scope by a faculty advisor and the director of undergraduate studies is required; special forms are available online and at the college office. Submission of copies of a final report to the department and college offices is also required before undergraduate research credits can be applied for the degree.

Minors

Although a minor is not required, a student may elect to complete one or more minors.[a] The College of Engineering will acknowledge, on a student's transcript, the successful completion of a minor offered by any engineering program in the college for which the student is eligible to enroll and for which the student meets the requirements for the minor listed below. The number of semester hours required for the minor varies by the field of specialization. Minors offered by the College of Engineering include:

Minor	Department	Hours
Biomedical Engineering	Biomedical Engineering	12
Chemical Engineering	Chemical Engineering	16–18
Civil Engineering	Civil, Materials, and Environemental Engineering	18–19
Computer Engineering	Electrical and Computer Engineering	18
Computer Science	Computer Science	16–17
Electrical Engineering	Electrical and Computer Engineering	19
Environmental Engineering	Civil, Materials, and Environemental Engineering	18–20
Industrial Engineering	Mechanical and Industrial Engineering	12
Materials Engineering	Civil, Materials, and Environemental Engineering	14–19
Mechanical Engineering	Mechanical and Industrial Engineering	16–18

a *All engineering minors require prerequisite courses. Please see department sections for information on prerequisite courses associated with each minor.*

Requirements for the Minor

See the appropriate engineering program for a detailed description of each minor. At least 9 semester hours in the minor field of specialization must be at the advanced level (200-, 300-, or 400-level courses), and a minimum grade point average of 2.00/4.00 is required. Engineering minors require that at least 9 semester hours be taken from the UIC College of Engineering.

Admission to an Engineering Minor

Admission to a minor in the College of Engineering will not be approved for any student if there is substantial course overlap between the proposed minor and the student's major. Engineering students who are interested in completing an engineering minor must submit a petition at the College of Engineering Student Resource page.

Engineering Minors for Nonengineering Students

Nonengineering students will be allowed to complete minor areas of study within engineering if they meet the transfer eligibility criteria at the time of application and so long as space permits. Students must submit a petition at the College of Engineering Student Resource page and obtain approval. Nonengineering students must also consult their home colleges about the acceptability and applicability of engineering course credits toward their degrees. Most engineering classes are closed to nonengineering students; those students with approved minors must submit petitions to the college office at the beginning of the term to register for engineering courses needed.

Minor Areas Outside of Engineering for Engineering Students

Engineering majors may complete one or more minors offered by other UIC colleges. Successful completion of a minor outside the College of Engineering will be acknowledged on an engineering student's transcript if certification of completion of the minor is received from the other college by applicable deadlines for the term of graduation. Engineering students must submit a petition at the College of Engineering Student Resource page and obtain approval before petitioning to another college. Minors will be approved by the College of Engineering if the requirements for the minor, as defined by the nonengineering department offering the minor, are satisfied. The request for the minor must be approved by both colleges.

Area of Concentration

Some College of Engineering majors offer areas of concentration within the majors by prescribing some or all of technical, nonmajor, and free electives. Completion of an area of concentration is noted on the transcript. On the other hand, engineering minors offer students the opportunity to study an engineering discipline outside of the major; minors generally require additional coursework to meet prerequisite and course requirements. Minors are also noted on the transcripts.

Academic Advising

Contact the College Office, 123 SEO, for the names of college advisors and departmental offices for faculty advisors.

Advising Policy

Faculty advisors are available to assist students with the selection of courses after the first term. Students declare a major when they enter the university and are assigned a faculty advisor by the appropriate department. In addition, the College Office for Undergraduate Administration on the first floor of SEO advises newly admitted freshman and transfer students, seniors contemplating graduation, and students facing academic or other difficulties. All continuing students should take advantage of advance advising and advance registration periods to ensure that they can get into the classes of their choice.

Academic Honors

University Honors

At graduation, students are awarded University Honors for academic distinction. Such honors are designated on the diplomas as Cum laude, Magna cum laude, or Summa cum laude. The minimum cumulative grade point average needed to qualify for University Honors is 3.50/4.00 in all UIC coursework.

Cum Laude is awarded to a student who earns at least a 3.50 cumulative grade point average; Magna cum laude is awarded to a student who earns at least a 3.75 cumulative grade point average; Summa cum laude is awarded to a student who earns at least a 3.90 cumulative grade point average. The grades for military science courses are excluded unless a student completes the four-year military science program, in which case 5 semester hours of advanced credit are included in the determination of averages for University Honors.

The Bell Honors Award is given in recognition of attaining the highest grade point average in each graduating class. At the Engineering Convocation, award recipients are recognized and given a certificate acknowledging their scholastic attainments.

Dean's List

Exceptional academic achievement in the College Engineering is recognized each term by inclusion on the Dean's List. Eligibility is based on a 3.50/4.00 term GPA with a minimum program of 12 semester hours

applicable towards the overall degree, exclusive of basic military science and basic activity courses in physical education. At least 9 semester hours must be earned for letter grades, in addition to a grade of Credit earned in any course taken on a credit/no credit basis.

Special Programs and Opportunities

Engineering Career Center (ECC)

UIC Engineering students benefit from a team of full-time staff whose primary goal—and area of expertise—is connecting students with rewarding positions in engineering. The Engineering Career Center organizes opportunities for students to meet with employers, and it provides one-on-one guidance across the spectrum of the career-search process, from applying to interviewing to negotiating a salary.

Equity and Inclusion in Engineering Program (EIEP)

UIC's Equity and Inclusion in Engineering Program has played a key role in providing academic and professional development services to students for more than 30 years. The EIEP serves students across all backgrounds, but a central part of the mission is to support underrepresented Black, Latinx, and Native American students in their pursuit of engineering and computer science degrees.

Women in Engineering Programs (WIEP)

Through a variety of programming, academic advising, scholarship opportunities, and student organizations, WIEP promotes and encourages the success of all students in the College of Engineering.

WIEP also leads efforts in the recruitment and retention of female students in the College of Engineering which includes the implementation of K-12 outreach programs. In partnership with all engineering departments and support/success units on campus, programs strive to increase the percentage of female engineering graduates and ensure that they are prepared to pursue advanced degrees and/or full time employment in their respective fields.

Student Organizations

During their early years in the college, students receive information about the many professional engineering societies. Each society has an official representative among the college faculty. Students are strongly advised to join at least one professional society closely affiliated with their career interests. Professional society chapters include those of AIAA, AIChE, ASCE, ASME, ACM, BMES, IEEE, IEEE-CS, IIE, SAE, and SME. Honor society chapters include those of Alpha Eta Mu Beta, Eta Kappa Nu, Pi Tau Sigma, and Tau Beta Pi. Other society chapters include those of NSBE, SHPE, and SWE. Engineering Council (EC) is an umbrella organization in the college that coordinates some of the activities of these society chapters.

Richard and Loan Hill Department of Biomedical Engineering

Contact Information:
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bme@uic.edu
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Student Affairs Coordinator, Susan Lee, sulee1@uic.edu

Biomedical engineering is a field of engineering science that develops and applies quantitative analysis and design to living systems and hybrid systems containing living components. Biological systems are interesting, efficient, and successful, but also highly complex; they are dynamic, nonlinear, self-repairing, and yet programmed to terminate. The classic engineering approach of measure-and-model must be carefully recast to deal with the complex nature of living systems, requiring biomedical engineers to balance analytical rigor with innovation.

Biomedical engineers are uniquely qualified to work at the interface between living and nonliving systems, enhancing our ability to analyze, repair, or replace physiological substances or processes as needed in healthcare and research applications. Potential applications include creating engineered bone replacements, developing new tools for non-invasive imaging or diagnostics, and the design of molecules as new therapeutic drugs. Training in biomedical engineering prepares students for graduate school or industry, and is an excellent preparation for professional programs (medicine, dentistry, nursing, pharmacy, and patent law). Exciting career opportunities exist for biomedical engineers at the BS level in the medical device, pharmaceutical and biotechnology industries, in hospitals, and in federal laboratories and agencies.

The department faculty routinely includes undergraduate students in world-class biomedical engineering research programs, and maintains strong interactions with faculty in the Colleges of Medicine, Dentistry, and Pharmacy, and the Department of Biological Sciences and other engineering disciplines. The undergraduate curriculum includes rigorous training in biomedical engineering fundamentals, including medical product development, complimented by significant course work in physiology, mathematics and chemistry. Each student must complete a program of required core courses and select an individualized course track in one specialized area (Neural Engineering, Cell and Tissue Engineering, or Bioinformatics) best suited to the student's interests. The department offers several elective courses to help prepare students for a variety of career paths, including launching start-up companies or careers in industry or consulting. Internships, clinical immersion programs, design competitions, and several active professional societies are among the extracurricular activities available to students.

The department Mission Statement and the Educational Objectives for the Bachelor of Science in Biomedical Engineering can be found at the departmental website.

Accreditation

The Richard and Loan Hill Department of Biomedical Engineering offers a program of study leading to the degree of Bachelor of Science in Biomedical Engineering that is accredited by the Engineering Accreditation Commission of ABET, under the commission's General Criteria and Program Criteria for Bioengineering and Biomedical and similarly named engineering programs.

Degree Program

- BS in Biomedical Engineering (p. 231)

Minor

- Minor in Biomedical Engineering (p. 233)

BS in Biomedical Engineering

Program Codes:
20FQ5971BS

Degree Requirements

To earn a Bachelor of Science in Biomedical Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Biomedical Engineering degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		64
Required Engineering Courses		45
Selective Engineering Courses		7-8
Biomedical Engineering Concentration Area Electives		12
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
CHEM 122	Matter and Energy [b]	3
CHEM 123	Foundations of Chemical Inquiry I [a,b]	2
CHEM 124	Chemical Dynamics [b]	3
CHEM 125	Foundations of Chemical Inquiry II [a,b]	2
PHYS 141	General Physics I (Mechanics) [a]	4
PHYS 142	General Physics II (Electricity and Magnetism) (Electricity and Magnetism) [a]	4
MATH 180	Calculus I [a]	4
MATH 181	Calculus II [a]	4
MATH 210	Calculus III [a]	3
MATH 220	Introduction to Differential Equations	3
MATH 218	Applied Linear Algebra	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [c]		3
Understanding the Creative Arts course [c]		3
Understanding the Individual and Society course [c]		4
Understanding the Past course [c]		3
Understanding U.S. Society course [c]		3
BIOS 110	Biology of Cells and Organisms [a]	4
Select one of the following:		3
BIOS 220	Genetics	
BIOS 222	Cell Biology	
BIOS 286	The Biology of the Brain	
BIOS 340	Environmental Physiology	
CHEM 232	Structure and Function	
Total Hours		**64**

a *This course is approved for the Analyzing the Natural World General Education category.*
b *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*
c *Students should consult the* General Education *(p. 86) section of the catalog for a list of courses in this category. One of these General Education courses should be 4 hours to reach the total required nonengineering and General Education hours.*

Required Engineering Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
BME 101	Introduction to Biomedical Engineering	3
BME 102	Biomedical Engineering Freshman Seminar	1
CS 109	Programming for Engineers with MatLab	3
BME 205	Biomedical Engineering Thermodynamics	3
ECE 210	Electrical Circuit Analysis	3
BME 240	Modeling Physiological Data and Systems	3
BME 250	Clinical Problems in Biomedical Engineering	3
CME 260	Properties of Materials	3
BME 325	Biotransport	3
BME 310	Biological Systems Analysis	3
BME 332	Bioinstrumentation and Measurements I	3
BME 333	Bioinstrumentation and Measurement Laboratory I	2
BME 339	Biostatistics I	3
BME 396	Senior Design I	3
BME 397	Senior Design II	3
BME 399	Professional Development for Biomedical Engineers	0
BME 460	Materials in Biomedical Engineering	3
Total Hours		**45**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

Selective Engineering Courses

Code	Title	Hours
Required Courses		
Select one of the following biomedical product development courses:		2-3
BME 402	Medical Technology Assessment	
BME 403	Quality Assurance for Medical Products	
BME 408	Medical Product Development	
BME 410	FDA and ISO Requirements for the Development and Manufacturing of Medical Devices	
Select one of the following capstone lecture courses:		3
BME 421	Biomedical Imaging	
BME 455	Introduction to Cell and Tissue Engineering	
BME 475	Neural Engineering I: Introduction to Hybrid Neural Systems	
BME 480	Intro to Bioinformatics	
Select one of the following capstone lab courses: [a]		2
BME 423	Biomedical Imaging Laboratory	
BME 456	Cell & Tissue Laboratory	
BME 476	Neural Engineering I Laboratory	
BME 481	Bioinformatics Laboratory	
Total Hours		**7-8**

a *Students must select a pair of capstone lecture and lab courses (BME 455/BME 456, BME 475/BME 476, BME 480/BME 481, BME 421/BME 423) as part of the requirements to complete a Biomedical Engineering Concentration Area.*

Biomedical Engineering Concentration Area Electives

Code	Title	Hours
Electives		**12**
These courses are to be selected in consultation with the advisor, must relate to each other and to the Capstone Lecture course in such a way as to define an area of concentration in Neural Engineering, Bioinformatics, Cell and Tissue Engineering, or Biomedical Imaging, and are subject to the following restrictions:		
1. A minimum of 3 hours must be upper-division (300- or 400-level) biomedical engineering or other engineering courses, excluding courses in the MENG rubric, and excluding BME 398.		
2. No courses at the 100 level may be applied as concentration area and elective courses.		
3. Math, science, and health courses may be used only if they substantially complement the chosen concentration area.		
4. Prerequisite courses for Capstone Lecture courses (BME 421, BME 455, BME 475, BME 480) are automatically approved.		
5. A maximum of 6 hours of BME 398 may be applied as concentration area elective hours.		
Total Hours		**12**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
BME 101	Introduction to Biomedical Engineering	3
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
MATH 180	Calculus I	4
BIOS 110	Biology of Cells and Organisms	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
	Hours	**16**
Second Semester		
BME 102	Biomedical Engineering Freshman Seminar	1
MATH 181	Calculus II	4
CS 109	Programming for Engineers with MatLab	3
CHEM 124	Chemical Dynamics	3
CHEM 125	Foundations of Chemical Inquiry II	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
	Hours	**16**
Sophomore Year		
First Semester		
PHYS 141	General Physics I (Mechanics)	4
MATH 210	Calculus III	3
BIOS 286	The Biology of the Brain	3
BME 240	Modeling Physiological Data and Systems	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
	Hours	**16**
Second Semester		
BME 250	Clinical Problems in Biomedical Engineering	3
BME 205	Biomedical Engineering Thermodynamics	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
	Hours	**16**
Junior Year		
First Semester		
BME 310	Biological Systems Analysis	3
BME 325	Biotransport	3
BME 339	Biostatistics I	3
ECE 210	Electrical Circuit Analysis	3
Concentration Area Elective course		3
General Education Core course		3
	Hours	**18**
Second Semester		
BME 332	Bioinstrumentation and Measurements I	3
BME 333	Bioinstrumentation and Measurement Laboratory I	2
BME 399	Professional Development for Biomedical Engineers	0
BME 402	Medical Technology Assessment	2
CME 260	Properties of Materials	3
Concentration Area Elective course		3
General Education Core course		3
	Hours	**16**
Senior Year		
First Semester		
BME 396	Senior Design I	3
BME 460	Materials in Biomedical Engineering	3
Concentration Area Elective		3
General Education Core courses		4
	Hours	**13**

Second Semester		
BME 397	Senior Design II	3
Capstone Lecture course		3
Capstone Laboratory course		2
Concentration Area Elective course		3
General Education Core courses		6
	Hours	**17**
	Total Hours	**128**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

Minor in Biomedical Engineering

Requirements for the Minor

For the minor, 12 semester hours are required, excluding prerequisite courses. Students outside the Department of Biomedical Engineering who wish to minor in Biomedical Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
BIOS 110	Biology of Cells and Organisms (or higher)	4
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics)	4
PHYS 142	General Physics II (Electricity and Magnetism)	4
Total Hours		**26**

Code	Title	Hours
Required Courses		
BME 101	Introduction to Biomedical Engineering	3
BME 240	Modeling Physiological Data and Systems	3
Select one of the following (prerequisites vary):		3
BME 332	Bioinstrumentation and Measurements I	
BME 339	Biostatistics I	
BME 415	Biomechanics	
BME 421	Biomedical Imaging	
BME 455	Introduction to Cell and Tissue Engineering	
BME 460	Materials in Biomedical Engineering	
BME 475	Neural Engineering I: Introduction to Hybrid Neural Systems	
BME 480	Intro to Bioinformatics	
Three additional hours of BME courses, which may be chosen from the list above (additional prerequisites may apply)		3
Total Hours		**12**

Department of Chemical Engineering

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Academic Advisors: Professors Achinivu, Berry, Bilgin, Caracotsios, Chaplin, Dandu, Kim, Liu, Mehraeen, Ngo, Sagun, Sharma, Singh, Torabi, Wedgewood, and Zdunek

In the Chemical Engineering curriculum, students learn to apply chemistry, physics, and mathematics to both the industrial-scale and nanoscale design and production of materials and chemicals. This includes petroleum products, polymers, biomaterials, pharmaceuticals, electronics, consumer products, and foods. This program also explores chemical engineering applications in developing sustainable processes for carbon-capture, sustainable energy, plastics recycling, environmental protection, water treatment, reducing global warming gases; the creation of alternative energy sources such as batteries, fuel cells and biofuels from biomass; and other frontiers, such as biotechnology, nanoparticle drug delivery, molecular engineering, molecular simulation, and machine learning.

The BS in Chemical Engineering program offers expertise in a wide variety of areas, including sustainable energy and sustainable water/environment, molecular and nanoscale engineering, bionanotechnology, electrochemistry, complex fluid flow/rheology, process design, process control and process simulation, biochemical engineering, and entrepreneurship. Students may use elective courses to specialize in these and other areas. The program's goal is to prepare students for careers in industry or government, and for further study at the graduate level. As the only chemical engineering department at a public university in the Chicago metropolitan area, this program provides unique opportunities for students to interact with industry mentors during their senior capstone design projects and with world-class industries through internship programs, undergraduate seminars and events, and research projects.

Accreditation

The Chemical engineering program at UIC is accredited by the Engineering Accreditation Commission of ABET

Degree Programs

- BS in Chemical Engineering (p. 234)
- Joint BS in Chemical Engineering/MS in Chemical Engineering (p. 237)

Minor

- Minor in Chemical Engineering (p. 239)

BS in Chemical Engineering

Program Codes:
20FQ0300BS

Degree Requirements

To earn a Bachelor of Science in Chemical Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Chemical Engineering degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		68
Required in the College of Engineering		51
Selective		3
Technical Elective [a]		3
Electives outside the Major Rubric [a]		3
Total Hours		**128**

a *Students in the Biochemical Engineering Concentration take a minimum of 8 hours of electives and 130 hours for the degree; see below.*

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics) [b]	4
PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [b]	5
or CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [b]	5
or CHEM 118	Honors and Majors General and Analytical Chemistry II	
CHEM 222	Analytical Chemistry [c]	4
CHEM 232	Structure and Function	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
CHEM 342	Physical Chemistry I	3
Total Hours		**68**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *Students who take CHEM 116 and CHEM 118 to fulfill the general chemistry requirement do not need to take CHEM 222. Instead they should enroll in one of the following: CHEM 314, CHEM 452, CHEM 402, or CHEM 444.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CHE 201	Introduction To Thermodynamics	3
CHE 205	Computational Methods in Chemical Engineering	3
CHE 210	Material and Energy Balances	4
CHE 230	Molecular Systems in Chemical Engineering [b]	3
CHE 301	Chemical Engineering Thermodynamics	3
CHE 311	Transport Phenomena I	3
CHE 312	Transport Phenomena II	3
CHE 313	Transport Phenomena III	3
CHE 321	Chemical Reaction Engineering	3
CHE 341	Chemical Process Control	3
CHE 381	Chemical Engineering Laboratory I	2
CHE 382	Chemical Engineering Laboratory II	2
CHE 396	Senior Design I [c]	3
CHE 397	Senior Design II	4
CME 260	Properties of Materials	3
ECE 210	Electrical Circuit Analysis	3
CHE 499	Professional Development Seminar	0
CS 109	Programming for Engineers with MatLab	3
Total Hours		**51**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

b *CHE 230 is only required for students who enrolled Fall 2022 or later, and for students who enrolled before Fall 2022 and are taking the Energy & Environment, Nanotechnology, or Polymers & Molecular Engineering concentration. Students should consult the archived catalog from their admission year for requirements.*

c *Students enrolled before Fall 2022 take CHE 396 as 4 hours.*

Selective

Code	Title	Hours
Courses		
Select one of the following:		3
CHE 330	Polymer Science	
CHEM 346	Physical Chemistry II	
Total Hours		**3**

Technical Elective

Code	Title	Hours
Courses		
Select one of the following: [a]		3
CHE 392	Undergraduate Research [b]	
CHE 413	Introduction to Flow in Porous Media	
CHE 421	Combustion Engineering	
CHE 422	Biochemical Engineering	
CHE 423	Catalytic Reaction Engineering	
CHE 425	Nanotechnology for Pharmaceutical Applications	
CHE 433	Process Simulation With Aspen Plus	
CHE 438	Computational Molecular Modeling	
CHE 440	Non-Newtonian Fluids	
CHE 441	Computer Applications in Chemical Engineering	
CHE 450	Air Pollution Engineering	
CHE 451	Renewable Energy Technologies	
CHE 453	Fundamentals of Electrochemistry	
CHE 454	Molecular and Macromolecular Engineering	
CHE 455	Nanoscale Systems in Chemical Engineering	
CHE 456	Fundamentals and Design of Microelectronics Processes	
CHE 457	Colloidal and Interfacial Phenomena	
CHE 494	Selected Topics in Chemical Engineering	
Total Hours		**3**

a *Possible technical elective credit for a 400-level CHE course not listed above will require departmental approval and submission of a Modification of Major form to the College of Engineering.*

b *An appropriate design-related research project may be selected with the approval of the Department of Chemical Engineering.*

Electives outside the Major Rubric

Code	Title	Hours
Electives		
Electives outside the CHE rubric		3
Total Hours		**3**

Optional Concentrations

BS in Chemical Engineering, Biochemical Engineering Concentration

Students in this concentration complete the following:

Code	Title	Hours
Required Courses [a]		
Technical Elective		
CHE 422	Biochemical Engineering	3
Electives		
Select two electives in nonmajor rubric category from the following:		5-7
BIOS 350	General Microbiology	
BIOS 351	Microbiology Laboratory	
CHEM 352	Introductory Biochemistry	
CHEM 452	Biochemistry I	
Total Hours		**8-10**

a *Due to structure of the concentration and the prerequisites required for some of the courses, students in the concentration will be required to take a minimum of 130 semester hours for the degree.*

BS in Chemical Engineering, Energy and Environment Concentration

Students in this concentration complete the following:

Code	Title	Hours
Required Courses [a]		
CHE 230	Molecular Systems in Chemical Engineering	3
CHE 330	Polymer Science [b]	3
Technical Elective		
CHE 451	Renewable Energy Technologies	3
Elective outside the Major Rubric		
CME 322	Environmental Engineering	3
Second Technical Elective		
Select one of the following:		3
CHE 392	Undergraduate Research	
CHE 450	Air Pollution Engineering	
CHE 453	Fundamentals of Electrochemistry	
A 400-level course approved by the director of undergraduate studies		
Total Hours		**15**

a *Due to structure of the concentration and the prerequisites required for some of the courses, students in the concentration will be required*

to take a minimum of 134 semester hours for the degree (6 additional semester hours).

b *This course fulfills the degree's selective requirement.*

BS in Chemical Engineering, Entrepreneurship Concentration

Students in this concentration complete the following:

Code	Title	Hours
Required Course [a]		
CHE 427	Entrepreneurship in Engineering [b]	3
Electives		
Select two of the following: [c]		6
ENTR 200	Survey of Entrepreneurship	
ENTR 310	Introduction to Entrepreneurship	
ENTR 445	New Venture Planning	
400-level course approved by the Chemical Engineering director of undergraduate studies		
Total Hours		**9**

a *Due to structure of the concentration and the prerequisites required for some of the courses, students in the concentration will be required to take a minimum of 131 semester hours for the degree (3 additional semester hours).*

b *This course fulfills the degree's technical elective requirement.*

c *One non-CHE course fulfills the degree's Elective outside the Major Rubric requirement*

BS in Chemical Engineering, Nanotechnology Concentration

Students in this concentration complete the following:

Code	Title	Hours
Required Courses [a]		
CHE 230	Molecular Systems in Chemical Engineering	3
CHE 330	Polymer Science [b]	3
Technical Elective		
CHE 455	Nanoscale Systems in Chemical Engineering	3
Elective outside the Major Rubric		
Select one of the following:		3-4
ECE 346	Solid State Device Theory	
PHYS 431	Modern Physics: Condensed Matter	
ME 418	Transport Phenomena in Nanotechnology	
ECE 440	Nanoelectronics	
ECE/ME 449	Microdevices and Micromachining Technology	
CHEM/BIOS 458	Biotechnology and Drug Discovery	
BME 485	Nanobiosensors	
Second Technical Elective		
Select one of the following:		3
CHE 392	Undergraduate Research	
CHE 425	Nanotechnology for Pharmaceutical Applications	
CHE 457	Colloidal and Interfacial Phenomena	
A 400-level course approved by the director of undergraduate studies		
Total Hours		**15-16**

a *Due to structure of the concentration and the prerequisites required for some of the courses, students in the concentration will be required to take a minimum of 134 semester hours for the degree (6 additional semester hours).*

b *This course fulfills the degree's selective requirement.*

BS in Chemical Engineering, Polymers and Molecular Engineering Concentration

Students in this concentration complete the following:

Code	Title	Hours
Required Courses [a]		
CHE 230	Molecular Systems in Chemical Engineering	3
CHE 330	Polymer Science [b]	3
Technical Elective		
CHE 454	Molecular and Macromolecular Engineering	3
Elective outside the Major Rubric		
Select one of the following:		3-4
BME 485	Nanobiosensors	
CHEM 452	Biochemistry I	
CHEM/BIOS 458	Biotechnology and Drug Discovery	
PHAR 422	Fundamentals of Drug Action	
PHAR 423	Fundamentals of Drug Action II	
PHAR 461	Pharmacy and the U.S. Healthcare System	
PHYS/BME 450	Molecular Biophysics of the Cell	
Second Technical Elective		**3**
Select one of the following:		
CHE 392	Undergraduate Research	
CHE 425	Nanotechnology for Pharmaceutical Applications	
CHE 438	Computational Molecular Modeling	
CHE 440	Non-Newtonian Fluids	
CHE 453	Fundamentals of Electrochemistry	
CHE 455	Nanoscale Systems in Chemical Engineering	
CHE 457	Colloidal and Interfacial Phenomena	
A 400-level course approved by the director of undergraduate studies		
Total Hours		**15-16**

a *Due to structure of the concentration and the prerequisites required for some of the courses, students in the concentration will be required to take a minimum of 134 semester hours for the degree (6 additional semester hours).*

b *This course fulfills the degree's selective requirement.*

BS in Chemical Engineering, Process Automation Concentration

Students in this concentration complete the following:

Code	Title	Hours
Required Courses [a]		
CHE 433	Process Simulation With Aspen Plus [b]	3
Electives outside the Major Rubric		
Select two of the following:		6
ECON 120	Principles of Microeconomics	
IE 201	Financial Engineering	
MATH 218	Applied Linear Algebra	
MATH 419	Models in Applied Mathematics	
Total Hours		**9**

a *Due to structure of the concentration and the prerequisites required for some of the courses, students in the concentration will be required to take a minimum of 131 semester hours for the degree (3 additional semester hours).*

b *This course fulfills the degree's technical elective requirement.*

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
CHEM 122 & CHEM 123 or CHEM 116	Matter and Energy or Honors and Majors General and Analytical Chemistry I	5
General Education Core Course		3
	Hours	**15**
Second Semester		
CS 109	Programming for Engineers with MatLab	3
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
CHEM 124 & CHEM 125 or CHEM 118	Chemical Dynamics or Honors and Majors General and Analytical Chemistry II	5
	Hours	**16**
Sophomore Year		
First Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
CHE 201	Introduction To Thermodynamics	3
MATH 210	Calculus III	3
CHEM 232	Structure and Function	3
	Hours	**16**
Second Semester		
CHE 205	Computational Methods in Chemical Engineering	3
CHE 210	Material and Energy Balances	4
CHE 230	Molecular Systems in Chemical Engineering	3
MATH 220	Introduction to Differential Equations	3
CHEM 222	Analytical Chemistry	4
	Hours	**17**
Junior Year		
First Semester		
CHE 301	Chemical Engineering Thermodynamics	3
CHE 311	Transport Phenomena I	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
CHEM 342	Physical Chemistry I	3
General Education Core Course		3
	Hours	**17**
Second Semester		
CHE 312	Transport Phenomena II	3
CHE 313	Transport Phenomena III	3
CHE 321	Chemical Reaction Engineering	3
CME 260	Properties of Materials	3
ECE 210	Electrical Circuit Analysis	3
General Education Core Course		3
	Hours	**18**
Senior Year		
First Semester		
CHE 330	Polymer Science (Or CHEM 346 Junior Year second semester)	3
CHE 381	Chemical Engineering Laboratory I	2
CHE 396	Senior Design I	3
CHE Technical Elective (select from list)		3
CHE 499	Professional Development Seminar	0
General Education Core Course		3
	Hours	**14**
Second Semester		
CHE 341	Chemical Process Control	3
CHE 382	Chemical Engineering Laboratory II	2
CHE 397	Senior Design II	4
Elective outside the Major Rubric		3
General Education Core course		3
	Hours	**15**
	Total Hours	**128**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

Joint BS in Chemical Engineering/ MS in Chemical Engineering

Degree Requirements

To earn a joint Bachelor of Science in Chemical Engineering/Master of Science in Chemical Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Chemical Engineering degree requirements are outlined below. Students should consult the College of Engineering section for additional degree requirements and college academic policies.

The Joint Bachelor of Science in Chemical Engineering (BSCHE) and Master of Science in Chemical Engineering (MSCHE) is designed for undergraduate students who desire to pursue graduate studies in Chemical Engineering or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a BSCHE and an MSCHE degree upon completion, with 8 hours of coursework shared between the two degrees.

The requirements for completion of the combined BSCHE/MSCHE degree are identical to the completion of these two separate degrees; however, there are 8 hours of shared coursework used for both degrees. Completion of 122 hours at the undergraduate level; plus 8 shared hours counting toward both the BSCHE and MSCHE degrees; plus 28 hours of coursework at the graduate level will result in joint BSCHE/MSCHE degrees. Students accepted into the joint degree program will be able to take a 400-level (graduate) Chemical Engineering course and a 500-level seminar course after they complete CHE 301, CHE 311, CHE 312, CHE 313, and CHE 321. These students will be eligible to enroll as graduate students to receive 4 hours for the 400-level (graduate) chemical engineering course. The 400-level CHE course will count towards the technical elective course for the bachelor's degree and as an elective course for the master's degree. The student will then select a 500-level seminar course and a 400-level course from other engineering majors chosen in consultation with their CHE advisor. The 400-level non-CHE course will count towards the elective course outside the major for the bachelor's degree (or free electives in the BS in CHE) and the elective course for the master's degree. The 500-level seminar courses will count towards the elective course for the master's degree.

Students can apply for the joint degree at any time before the end of the second week of the fall term of their senior year in the BS program. A GPA of 2.50/4.00 or higher in the prior semester is required for application to the joint BS/MS degree program. Students also need to maintain an overall GPA of 2.00 or higher in BS and an overall GPA of 3.00 or higher in the MS program. The applications will be reviewed by the Graduate Admission Committee in the Chemical Engineering department to determine whether the student will be admitted to this program. The department reserves the right to decline or accept any application. If a student is admitted to the joint program, a Change of Program form will be processed to finalize the admission.

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
One of the following:		5
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	
CHEM 116	Honors and Majors General and Analytical Chemistry I	
General Education course		3
	Hours	**15**
Second Semester		
CS 109	Programming for Engineers with MatLab	3
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
One of the following:		5
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
CHEM 118	Honors and Majors General and Analytical Chemistry II	
	Hours	**16**
Second Year		
First Semester		
CHE 201	Introduction To Thermodynamics	3
CHEM 232	Structure and Function	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
	Hours	**16**
Second Semester		
CHE 205	Computational Methods in Chemical Engineering	3
CHE 210	Material and Energy Balances	4
CHE 230	Molecular Systems in Chemical Engineering	3
CHEM 222	Analytical Chemistry	4
MATH 220	Introduction to Differential Equations	3
	Hours	**17**
Third Year		
First Semester		
CHE 301	Chemical Engineering Thermodynamics	3
CHE 311	Transport Phenomena I	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
CHEM 342	Physical Chemistry I	3
General Education Core Course		3
	Hours	**17**
Second Semester		
CHE 312	Transport Phenomena II	3
CHE 313	Transport Phenomena III	3
CHE 321	Chemical Reaction Engineering	3
CME 260	Properties of Materials	3
General Education Core Course		3
ECE 210	Electrical Circuit Analysis	3
	Hours	**18**
Fourth Year		
First Semester		
CHE 330	Polymer Science	3
CHE 381	Chemical Engineering Laboratory I	2
CHE 396	Senior Design I	3
400-level CHE Technical Elective		4
CHE 499	Professional Development Seminar	0
CHE 595	Seminar in Chemical Engineering Research (MS course work)	1
General Education course		3
	Hours	**16**
Second Semester		
CHE 341	Chemical Process Control	3
CHE 382	Chemical Engineering Laboratory II	2
CHE 397	Senior Design II	4
CHE 595	Seminar in Chemical Engineering Research	1
400-level Elective outside the Major Rubric		4
General Education course		3
	Hours	**17**
Fifth Year		
First Semester		
CHE 501 or CHE 502	Advanced Thermodynamics or Fluid Phase Equilibria	4
CHE 520	Transport Phenomena	4
CHE 531 or CHE 545	Numerical Methods in Chemical Engineering or Mathematical Methods in Chemical Engineering	4
CHE 595	Seminar in Chemical Engineering Research (MS course work)	1
	Hours	**13**
Second Semester		
CHE 510 or CHE 511 or CHE 512	Separation Processes (MS course work) or Advanced Mass Transfer or Microhydrodynamics, Diffusion and Membrane Transport	4
CHE 527	Advanced Chemical Reaction Engineering (MS course work)	4

One of the following:		4
CHE 597	Project Research	
500-level CHE Elective or equivalent (MS course work)		
CHE 595	Seminar in Chemical Engineering Research	1
	Hours	**13**
	Total Hours	**158**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

Minor in Chemical Engineering

Requirements for the Minor

For the minor, 16–18 semester hours are required, excluding prerequisite courses. Students outside the Department of Chemical Engineering who wish to minor in Chemical Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	5
or CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 342	Physical Chemistry I	3
or CHE 301	Chemical Engineering Thermodynamics	
CS 109	Programming for Engineers with MatLab	3
or CHE 205	Computational Methods in Chemical Engineering	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics)	4
PHYS 142	General Physics II (Electricity and Magnetism)	4
Total Hours		**33**

Code	Title	Hours
Required Courses		
CHE 210	Material and Energy Balances	4
CHE 301	Chemical Engineering Thermodynamics	3
CHE 321	Chemical Reaction Engineering	3
CHE 311	Transport Phenomena I	3-4
or ME 211	Fluid Mechanics I	
Select one of the following:		3-4
CHE 312	Transport Phenomena II	
ME 321	Heat Transfer	
CHE 313	Transport Phenomena III	
Total Hours		**16-18**

Department of Civil, Materials, and Environmental Engineering

Contact Information:

Campus Location: 2095 Engineering Research Facility (ERF)
(312) 996-3428
cme@uic.edu
www.cme.uic.edu

Administration:
Department Head, Abolfazl Mohammadian, kouros@uic.edu
Director of Undergraduate Studies, Hossein Ataei, hataei@uic.edu

Civil engineering is a broadly based discipline that encompasses many specialties. The civil engineering curriculum provides students with a strong background in engineering and applied sciences.

Civil Engineering Program Educational Objectives

Graduates of the Civil Engineering program at the University of Illinois Chicago will establish careers in engineering, research and development, and/or management professions and be involved in professional societies. Graduates of the program are expected within a few years of graduation:

- To apply technical expertise, effective design skills, and sustainability principles to address evolving engineering challenges affecting a diverse society
- To be engaged in continuing education. Motivated graduates will have pursued or have well-formulated plans to pursue graduate education
- To effectively and ethically contribute as a member, manager, or leader of multidisciplinary teams through efficient communication of technical and nontechnical issues

A majority of those in the engineering profession will be licensed Professional Engineers within five years of graduation, and a majority of those practicing structural engineering will become licensed Structural Engineers within ten years.

Civil Engineering Student Outcomes

The Civil Engineering Program at UIC is an ABET-accredited program and it follows and documents the ABET Student Outcomes (1) through (7) verbatim to support its Program Educational Objectives. Continuous assessment and attainment of these student outcomes prepare the graduates of the Civil Engineering program for professional practice. Students graduating from the Civil Engineering program at UIC will have:

1. an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. an ability to communicate effectively with a range of audiences.
4. an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must

consider the impact of engineering solutions in global, economic, environmental, and societal contexts.

5. an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. an ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Accreditation

The civil engineering program at UIC is accredited by the Engineering Accreditation Commission of ABET

Degree Programs

- BS in Civil Engineering (p. 240)
- BS in Environmental Engineering (p. 241)

Minors

- Minor in Civil Engineering (p. 243)
- Minor in Environmental Engineering (p. 243)
- Minor in Materials Engineering (p. 244)

BS in Civil Engineering

Program Codes:
20FQ0106BS

Degree Requirements

To earn a Bachelor of Science in Civil Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Civil, Materials, and Environmental Engineering degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		51
Required in the College of Engineering		59
Technical Electives		18
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 220	Introduction to Differential Equations	3
One of the following:		3
MATH 218	Applied Linear Algebra	
STAT 381	Applied Statistical Methods I (preferred)	
PHYS 141	General Physics I (Mechanics) [b]	4
PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
CHEM 122	Matter and Energy [b,c]	3
CHEM 123	Foundations of Chemical Inquiry I [b,c]	2
Total Hours		**51**

a *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses in this category.*
b *This course is approved for the Analyzing the Natural World General Education category.*
c *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CS 109	Programming for Engineers with MatLab	3
CME 197	Introduction to Civil and Environmental Engineering	0
CME 201	Statics	3
CME 203	Strength of Materials	3
CME 205	Structural Analysis I	3
CME 211	Fluid Mechanics and Hydraulics	3
CME 260	Properties of Materials	3
CME 290	Engineering Surveying	1
CME 300	Composition and Properties of Concrete	2
CME 301	Behavior and Design of Metal Structures	3
CME 302	Transportation Engineering	3
CME 310	Design of Reinforced Concrete Structures	3
CME 311	Water Resources Engineering	3
CME 315	Soil Mechanics and Laboratory	4
CME 322	Environmental Engineering	3
CME 396	Civil Engineering Systems Design	2
CME 402	Geometric Design of Highway Facilities	3
CME 405	Foundation Analysis and Design	3
CME 497	Capstone Design	2
One of the following:		3

IE 201	Financial Engineering	
CME 207	Engineering Probability and Economics (preferred)	
ME 210	Engineering Dynamics	3
ME 250	Introduction to Engineering Design and Graphics	3
or CME 297	Civil and Environmental Engineering Drawing and Design	
Total Hours		**59**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

Technical Electives

Code	Title	Hours
Courses		
Select six Technical Elective courses (total of 18 hours), which can be any 400-level CME course (with faculty advisor approval) other than CME 493, CME 494, and CME 496. [a]		18
Total Hours		**18**

a *In order to apply CME 493, CME 494, or CME 496 to this requirement, a student (and the faculty advisor) must separately petition for this substitution, and the Director of Undergraduate Studies or Department Head must approve the request, prior to the student's enrollment in the course. These courses, if approved by the student's faculty advisor, must be taken as 3-hour courses.*

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
General Education Core course		3
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**15**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CME 197	Introduction to Civil and Environmental Engineering	0
ME 250 or CME 297	Introduction to Engineering Design and Graphics or Civil and Environmental Engineering Drawing and Design	3
General Education Core course		3
	Hours	**17**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
CS 109	Programming for Engineers with MatLab	3
CME 201	Statics	3
CME 207 or IE 201	Engineering Probability and Economics or Financial Engineering	3
	Hours	**16**
Second Semester		
MATH 220	Introduction to Differential Equations	3
MATH 218 or STAT 381	Applied Linear Algebra or Applied Statistical Methods I	3
CME 203	Strength of Materials	3
ME 210	Engineering Dynamics	3
CME 211	Fluid Mechanics and Hydraulics	3
General Education Core course		3
	Hours	**18**
Junior Year		
First Semester		
CME 205	Structural Analysis I	3
CME 302	Transportation Engineering	3
CME 315	Soil Mechanics and Laboratory	4
CME 322	Environmental Engineering	3
CME 290	Engineering Surveying	1
General Education Core course		3
	Hours	**17**
Second Semester		
CME 310	Design of Reinforced Concrete Structures	3
CME 311	Water Resources Engineering	3
CME 260	Properties of Materials	3
CME 300	Composition and Properties of Concrete	2
CME 301	Behavior and Design of Metal Structures	3
General Education Core course		3
	Hours	**17**
Senior Year		
First Semester		
CME 396	Civil Engineering Systems Design	2
CME 402	Geometric Design of Highway Facilities	3
CME Technical Elective I		3
CME Technical Elective II		3
CME Technical Elective III		3
	Hours	**14**
Second Semester		
CME 405	Foundation Analysis and Design	3
CME 497	Capstone Design	2
CME Technical Elective IV		3
CME Technical Elective V		3
CME Technical Elective VI		3
	Hours	**14**
	Total Hours	**128**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

BS in Environmental Engineering

Degree Requirements

The BS degree in Environmental Engineering at UIC requires the students to complete university, college, and program degree requirements. Students must complete all courses required to fulfill College of Engineering and General Education requirements, and required courses in the major. In order to graduate with a BS degree in Environmental Engineering, students must have at least a 2.00/4.00 grade point average in all work taken at UIC, in all work taken for the major, and in all work accepted by the university (transfer courses and courses taken at UIC).

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		60
Required in the College of Engineering		53
Technical Electives		15
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
or STAT 381	Applied Statistical Methods I	
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics) [b]	4
PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
CHEM 122	Matter and Energy [b]	3
CHEM 123	Foundations of Chemical Inquiry I [b]	2
CHEM 124	Chemical Dynamics [b]	3
CHEM 125	Foundations of Chemical Inquiry II [b]	2
EAES 101	Global Environmental Change [b]	4
or EAES 111	Earth, Energy, and the Environment	
Total Hours		**60**

a *Students should consult the General Education section of the catalog for a list of approved courses in this category.*

b *This course is approved for the Analyzing the Natural World General Education category.*

Required in the College of Engineering

Code	Title	Hours
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CME 119	Introduction to Environmental Engineering and Science	3
CME 197	Introduction to Civil and Environmental Engineering	0
CME 207	Engineering Probability and Economics	3
CME 211	Fluid Mechanics and Hydraulics	3
CME 260	Properties of Materials	3
CME 297	Civil and Environmental Engineering Drawing and Design	3
CME 311	Water Resources Engineering	3
CME 322	Environmental Engineering	3
CME 396	Civil Engineering Systems Design	2
CME 403	Hydraulic Design	3
CME 411	Chemistry for Environmental Professionals	3
CME 421	Water Treatment Design	3
CME 422	Wastewater Treatment Design	3
CME 427	Engineering Hydrology	3
CME 497	Capstone Design	2
CS 109	Programming for Engineers with MatLab	3
CHE 210	Material and Energy Balances [b]	4
ME 205	Introduction to Thermodynamics	3
ME 450	Air Pollution Engineering	3
Total Hours		**53**

a *ENGR 100 and ENGR 101 are one-hour courses, but the hour does not count toward the total hours required for graduation.*

b *For the prerequisites for CHE 210, ME 205 is accepted as a substitute for CHE 201 and CHE 205 is waived for Environmental Engineering majors.*

Technical Electives

Code	Title	Hours
Courses		
Select five technical elective courses from the offered 400-level CME Technical Electives or from 400-level courses offered by other programs in the College of Engineering or other STEM programs at UIC with the approval of the academic faculty advisor. [a]		15
Total Hours		**15**

a *Students (and their faculty advisors) must separately petition to substitute CME 493, CME 496, or CME 494 for a technical elective course, and also receive approval from the director of undergraduate studies or the department head prior to the student's enrollment in those courses.*

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [a]	5
CME 119	Introduction to Environmental Engineering and Science	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
	Hours	**15**
Second Semester		
CME 197	Introduction to Civil and Environmental Engineering	0
CHEM 124	Chemical Dynamics	3
CS 109	Programming for Engineers with MatLab	3

ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
	Hours	**17**
Sophomore Year		
First Semester		
CME 211	Fluid Mechanics and Hydraulics	3
CME 297	Civil and Environmental Engineering Drawing and Design	3
CHEM 125	Foundations of Chemical Inquiry II	2
MATH 210	Calculus III	3
ME 205	Introduction to Thermodynamics	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
	Hours	**18**
Second Semester		
CHE 210	Material and Energy Balances	4
CME 207	Engineering Probability and Economics	3
CME 260	Properties of Materials	3
CME 322	Environmental Engineering	3
MATH 220	Introduction to Differential Equations	3
	Hours	**16**
Junior Year		
First Semester		
CME 311	Water Resources Engineering	3
CME 411	Chemistry for Environmental Professionals	3
CME 421	Water Treatment Design	3
ME 450	Air Pollution Engineering	3
STAT 381 or MATH 218	Applied Statistical Methods I or Applied Linear Algebra	3
General Education Requirement course		3
	Hours	**18**
Second Semester		
CME 403	Hydraulic Design	3
CME 422	Wastewater Treatment Design	3
EAES 101 or EAES 111	Global Environmental Change or Earth, Energy, and the Environment	4
Technical Elective I		3
General Education Requirement course		3
	Hours	**16**
Senior Year		
First Semester		
CME 396	Civil Engineering Systems Design	2
CME 427	Engineering Hydrology	3
Technical Elective II		3
Technical Elective III		3
General Education Requirement course		3
	Hours	**14**
Second Semester		
CME 497	Capstone Design	2
Technical Elective IV		3
Technical Elective V		3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**14**
	Total Hours	**128**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

Minor in Civil Engineering

Requirements for the Minor

For the minor, 18–19 semester hours are required, excluding prerequisite courses. Students outside the Department of Civil, Materials, and Environmental Engineering who wish to minor in Civil Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
CS 109	Programming for Engineers with MatLab	3
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics)	4
CME 201	Statics	3
Total Hours		**29**

Code	Title	Hours
Required Courses		
CME 203	Strength of Materials	3
CME 211	Fluid Mechanics and Hydraulics	3
Select three of the following:		9-10
CME 205	Structural Analysis I	
CME 260	Properties of Materials	
CME 302	Transportation Engineering	
CME 311	Water Resources Engineering	
CME 315	Soil Mechanics and Laboratory	
CME 322	Environmental Engineering	
Select one of the following:		3
CME 301	Behavior and Design of Metal Structures	
CME 310	Design of Reinforced Concrete Structures	
CME 402	Geometric Design of Highway Facilities	
CME 405	Foundation Analysis and Design	
CME 422	Wastewater Treatment Design	
Total Hours		**18-19**

Minor in Environmental Engineering

Requirements for the Minor

For the minor, 18–20 semester hours are required, excluding prerequisite courses. Students who wish to minor in Environmental Engineering must complete the following courses:

Code	Title	Hours
Prerequisite Courses		
MATH 180	Calculus I	4

MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics)	4
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	5
or CHEM 116	Honors and Majors General and Analytical Chemistry I	
Select at least two of the following:		6-7
CME 201	Statics	
CME 211	Fluid Mechanics and Hydraulics	
or ME 211	Fluid Mechanics I	
CHE 201	Introduction To Thermodynamics	
or ME 205	Introduction to Thermodynamics	
Total Hours		**29-30**

At least two courses must be outside the student's department.

Code	Title	Hours
Required Courses		
Select two of the following:		6-7
CME 311	Water Resources Engineering	
CME 322	Environmental Engineering	
CHE 321	Chemical Reaction Engineering	
CHE 311	Transport Phenomena I	
ME 321	Heat Transfer	
Select two of the following:		6-7
CHE 421	Combustion Engineering	
CME 425	Environmental Remediation Engineering	
ME/CHE 450	Air Pollution Engineering	
Select two of the following:		6
CHE 413	Introduction to Flow in Porous Media	
CME 421	Water Treatment Design	
CME 422	Wastewater Treatment Design	
Total Hours		**18-20**

Minor in Materials Engineering

Requirements for the Minor

For the minor, 14–19 semester hours are required, excluding prerequisite courses. Students who wish to minor in Materials Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
MATH 180	Calculus I	4
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	5
or CHEM 116	Honors and Majors General and Analytical Chemistry I	
Total Hours		**17**

Some of these courses have prerequisites not included in the minor. Consult the Course Descriptions (p. 493) page in the catalog for course prerequisites.

Code	Title	Hours
Required Courses		
Select one of the following:		2-3
CME 260	Properties of Materials	
CME 261	Materials for Manufacturing	
Select four of the following:		12-16
BME 460	Materials in Biomedical Engineering	
CHE 440	Non-Newtonian Fluids	
CHE 494	Selected Topics in Chemical Engineering (when topic is Design of Microelectronics Processing)	
CME 433	Fracture Mechanics and Failure Analysis I	
CME 460	Crystallography and X-Ray Diffraction	
CME 470	Physical and Mechanical Properties of Materials	
CME 471	Thermodynamics of Materials	
CME 480	Welding Metallurgy	
ECE 346	Solid State Device Theory	
ECE 347	Integrated Circuit Engineering	
ECE 449	Microdevices and Micromachining Technology	
ME 380	Materials and Manufacturing Process Principles	
PHYS 481	Modern Experimental Physics I	
Total Hours		**14-19**

Department of Computer Science

Contact Information:
Campus Location: Main Office: 3416 Computer Design Research and Learning Center (CDRLC); Student Affairs Office: 3417 CDRLC
Main Office: (312) 996–3422; Student Affairs Office: (312) 413-5643
cs-ugrad@uic.edu
cs.uic.edu

Administration:
Professor and Head of the Department, Baoxin Li
Director of Undergraduate Studies, Shanon Reckinger, cs-dugs@uic.edu

Computer science is a relatively young but extremely rich and diverse discipline. At one end of the spectrum, computer science may be viewed as the formal study of what can be computed and what resources are required for computation. At the other end of the spectrum, computer science may be seen as the application of human resources, software, and, of course, computers to solve computational problems relating to society's and individuals' needs.

A well-trained computer scientist requires knowledge of both ends of this spectrum—and several points in between. The Computer Science program in the Department of Computer Science is intended to provide that broad background. Along with a strong theoretical component, the Computer Science program places special emphasis on the development of applied skills in design, implementation, and validation of computer systems. In our experience, industry and graduate programs alike value

—above all—people who can solve real problems, and who come prepared to use the tools of their trade.

All students acquire a common background in the fundamental areas of computer science: computer systems, organization and architecture, algorithms and data structures, principles of software design, elements of the theory of computation, and operating systems. In addition, students obtain specialized backgrounds through the selection of five technical elective courses in computer science. Required and elective courses in the sciences and mathematics, along with additional courses in writing, humanities, social sciences, and the arts give students the opportunity to expand their horizons and to prepare for multidisciplinary careers.

There are very few areas in modern society untouched by computer science. Computer science is present in everything from healthcare, telecommunications, and entertainment, to transportation, education, and defense. The result of this diversity is that a computer scientist must be capable of working with people outside his or her field. In support of this, the Computer Science program provides its students with a well-rounded education requiring significant course work outside the Department of Computer Science, placing a strong emphasis on writing and communication skills.

Given the breadth and diversity of the computer science discipline, the Department of Computer Science also offers a Computer Systems Concentration within the BS in Computer Science program. The Computer Systems Concentration represents a sub-specialty that provides more emphasis on understanding and designing computer hardware. The student continues to learn the fundamental areas of computer science, including programming, data structures, discrete math, algorithms, formal languages, architecture, and operating systems. Unlike traditional computer science, however, the student also studies low-level circuit analysis and high-level system design, and has the option to take additional hardware-oriented courses. The result is a unique blend of computer science and computer engineering.

The Department of Computer Science also offers a Human-Centered Computing Concentration (HCC) within the BS in Computer Science program. The HCC concentration emphasizes the knowledge and skills needed to begin a professional practice in areas such as: user-interface design and development for desktop or mobile devices; computer graphics and animation for video games, movie special effects; and scientific, engineering, and medical visualization. The concentration continues to cover in depth the fundamental areas of computer science including programming, data structures, discrete mathematics, algorithms, formal languages, computer architecture, and operating systems. In addition the concentration focuses on key topics of human-centered computing practice such as user-interface design, computer graphics, visual media, and natural language processing.

The Department of Computer Science also offers a Software Engineering Concentration within the BS in Computer Science program. The Software Engineering Concentration emphasizes the knowledge and skills needed to begin a professional practice in software engineering. The concentration continues to cover in depth the fundamental areas of computer science, including programming, data structures, discrete mathematics, algorithms, formal languages, computer architecture, and operating systems. In addition, the concentration focuses on key topics of software engineering practice such as software cost estimation, large-scale software development, and risk management.

The BS in Data Science is designed for undergraduates who plan to pursue technical or professional careers in the burgeoning field of data science, or for graduate study in the area. As the world is becoming overwhelmingly data#driven, with companies employing entire departments just for collecting and analyzing data to help them make business decisions, employment opportunities for a data scientist are increasingly lucrative. Indeed data scientists are needed in virtually every industry and organization, public or private: health care, computer science, information technology, retail, marketing, manufacturing, transportation, communication, education, insurance, finance, science, security, law enforcement, and more.

Accreditation

The computer science program at UIC is accredited by the Computing Accreditation Commission of ABET through 2027.

Degree Programs

Computer Science

- BS in Computer Science (p. 245)
- BS in Computer Science with Computer Systems Concentration (p. 248)
- BS in Computer Science with Human-Centered Computing Concentration (p. 251)
- BS in Computer Science with Software Engineering Concentration (p. 253)
- BS in Computer Science and Design (p. 256)
- Joint BS in Computer Science/MS in Computer Science (p. 275)

Data Science

- BS in Data Science with Applied Economic Analysis Concentration
- BS in Data Science with Bioinformatics Concentration (p. 258)
- BS in Data Science with Business Analytics Concentration (p. 260)
- BS in Data Science with Computer Science Concentration (p. 262)
- BS in Data Science with Data Processing, Science, and Engineering Concentration (p. 264)
- BS in Data Science with Health Data Science Concentration (p. 266)
- BS in Data Science with Industrial Engineering Concentration (p. 268)
- BS in Data Science with Social Technology Studies Concentration (p. 269)
- BS in Data Science with Statistics Concentration (p. 271)
- BS in Data Science with a Concentration in Urban Planning and Public Affairs (p. 273)

Minors

- Minor in Computer Science (p. 276)

BS in Computer Science

Program Codes:
20FQ0112BS

Degree Requirements

To earn a Bachelor of Science in Computer Science degree from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of

Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		46
Required in the College of Engineering		46
Technical Electives		18
Required Mathematics Courses		9
Free Electives		9
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
Humanities/Social Sciences/Art Electives [b]		6
MATH 180	Calculus I [c]	4
MATH 181	Calculus II [c]	4
MATH 210	Calculus III [c]	3
Science Electives (see below) [d]		8
Total Hours		**46**

a *Students should consult the* General Education *(*p. 86*) section of the catalog for a list of approved courses in this category.*

b *These electives must be selected from a list of approved courses provided by the CS department.*

c *This course is approved for the Analyzing the Natural World General Education category.*

d *All courses on the science elective list below are approved for the Analyzing the Natural World General Education category.*

Required in the College of Engineering Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
Select one of the following:		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 261	Machine Organization	4
CS 277	Technical and Professional Communication in Computer Science	3
CS 301	Languages and Automata	3
CS 341	Programming Language Design and Implementation	3
CS 342	Software Design	3
CS 361	Systems Programming	4
CS 362	Computer Design	4
CS 377	Ethical Issues in Computing	3
CS 401	Computer Algorithms I	3
CS 499	Professional Development Seminar	0
Total Hours		**46**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*

Technical Electives

Code	Title	Hours
Courses		
Select six of the following, only one of which may be outside the CS rubric:		18
CS 351	Advanced Data Structure Practicum	
CS 378	Framework-based Software Development for Hand-held Devices	
CS 398	Undergraduate Design/Research	
CS 402	Algorithms in Practice	
CS 407	Economics and Computation	
CS 411	Artificial Intelligence I	
CS 412	Introduction to Machine Learning	
CS 415	Computer Vision I	
CS 418	Introduction to Data Science	
CS 421	Natural Language Processing	
CS 422	User Interface Design and Programming	
CS 424	Visualization and Visual Analytics	
CS 425	Computer Graphics I	
CS 426	Video Game Design and Development	
CS 427	Creative Coding	
CS 428	Virtual, Augmented and Mixed Reality	
CS 440	Software Engineering I	
CS 441	Engineering Distributed Objects For Cloud Computing	
CS 442	Software Engineering II	
CS 450	Introduction to Networking	
CS 453	Introduction to Parallel and Distributed Processing	
CS 454	Principles of Concurrent Programming	

CS 455	Introduction to High Performance Computing
CS 461	Operating Systems Design and Implementation
CS 463	Systems Performance and Concurrent Computing
CS 466	Computer Architecture
CS 468	Network Security
CS 473	Compiler Design
CS 474	Object-Oriented Languages and Environments
CS 476	Programming Language Design
CS 477	Public Policy, Legal, and Ethical Issues in Computing, Privacy, and Security
CS 478	Software Development for Mobile Platforms
CS 479	Wearables and Nearables Technology Laboratory
CS 480	Database Systems
CS 483	Big Data Mining
CS 484	Secure Web Application Development
CS 485	Networked Operating Systems Programming
CS 487	Building Secure Computer Systems
CS 488	Introduction to Cryptography
CS 489	Human Augmentics
ECE 469	Hardware Description Language Based Digital and Computer System Design
IT 301	Networks and Distributed Computing Technology
IT 302	Database Administration and Installation
MCS 320	Introduction to Symbolic Computation
MCS 425	Codes and Cryptography
MCS 471	Numerical Analysis
MCS 481	Computational Geometry
STAT 471	Linear and Non-Linear Programming
Total Hours	**18**

Required Mathematics Courses

Code	Title	Hours
Required Courses		
Select 9 hours from among the following list of courses, with at least one course taken from IE 342 or STAT 381:		9
IE 342	Probability and Statistics for Engineers [a]	
or STAT 381	Applied Statistical Methods I	
MATH 215	Introduction to Advanced Mathematics	
MATH 220	Introduction to Differential Equations	
MATH 218	Applied Linear Algebra	
or MATH 320	Linear Algebra I	
MATH 430	Formal Logic I	
MATH 435	Foundations of Number Theory	
MATH 436	Number Theory for Applications	
MCS 421	Combinatorics	
MCS 423	Graph Theory	
MCS 471	Numerical Analysis [b]	
STAT 401	Introduction to Probability	
STAT 473	Game Theory	
Total Hours		**9**

a *Students who take IE 342 will not receive credit for either STAT 381 or STAT 401.*

b *Students may choose to use MCS 471 as either a CS technical elective from outside the CS department or as a required mathematics course, but not both.*

Science Electives

Every student must take two courses from the list below.

Code	Title	Hours
Science Electives		
Select two of the following: [a]		8
BIOS 110	Biology of Cells and Organisms	
BIOS 120	Biology of Populations and Communities	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [b]	
or CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [b]	
or CHEM 118	Honors and Majors General and Analytical Chemistry II	
PHYS 141	General Physics I (Mechanics)	
PHYS 142	General Physics II (Electricity and Magnetism)	
EAES 101	Global Environmental Change	
EAES 111	Earth, Energy, and the Environment	
Total Hours		**8**

a *These courses are approved for the Analyzing the Natural World General Education category*

b *General Education credit is only given for the successful completion of both CHEM 122 and CHEM 123 or both CHEM 124 and CHEM 125.*

Free Electives

Code	Title	Hours
Electives		
Select 9 hours of Free Electives		9
Total Hours		**9**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4

CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Science Elective		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
MATH 181	Calculus II	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
General Education Core course		3
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
	Hours	**16**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
Science Elective		4
CS 211	Programming Practicum	3
CS 251	Data Structures	4
General Education Core course		3
	Hours	**17**
Second Semester		
CS 261	Machine Organization	4
CS 301	Languages and Automata	3
Required Mathematics course		3
Humanities/Social Science/Art Elective		3
General Education Core course		3
	Hours	**16**
Junior Year		
First Semester		
CS 361	Systems Programming	4
CS 362	Computer Design	4
CS 342	Software Design	3
Required Mathematics course		3
General Education Core course		3
	Hours	**17**
Second Semester		
CS 277	Technical and Professional Communication in Computer Science	3
CS 341	Programming Language Design and Implementation	3
Required Mathematics course		3
Humanities/Social Sciences/Art Elective		3
Free Elective		4
	Hours	**16**
Senior Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 401	Computer Algorithms I	3
Technical Elective		3
Technical Elective		3
General Education Core course		3
Free Elective		2
	Hours	**17**
Second Semester		
Technical Elective		3
Technical Elective		3
Technical Elective		3
Technical Elective		3
Free Elective		3
CS 499	Professional Development Seminar	0
	Hours	**15**
	Total Hours	**128**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

BS in Computer Science with Computer Systems Concentration

To earn a Bachelor of Science in Computer Science with a Computer Systems Concentration degree from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Degree Requirements

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		46
Required in the College of Engineering		46
Technical Electives		18
Required Mathematics Courses		9
Free Electives		9
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
Humanities/Social Sciences/Art Electives [b]		6
MATH 180	Calculus I [c]	4
MATH 181	Calculus II [c]	4
MATH 210	Calculus III [c]	3
Science Electives (See below) [d]		8
Total Hours		**46**

a *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses in this category.*

b *These electives must be selected from a list of approved courses provided by the CS department.*

c *This course is approved for the Analyzing the Natural World General Education category.*

d *All courses on the science elective list below are approved for the Analyzing the Natural World General Education category.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
Select one of the following:		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 261	Machine Organization	4
CS 277	Technical and Professional Communication in Computer Science	3
CS 301	Languages and Automata	3
CS 341	Programming Language Design and Implementation	3
CS 342	Software Design	3
CS 361	Systems Programming	4
CS 362	Computer Design	4
CS 377	Ethical Issues in Computing	3
CS 401	Computer Algorithms I	3
CS 499	Professional Development Seminar	0
Total Hours		**46**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*

Technical Electives

Code	Title	Hours
Courses		
Students must complete at least 18 hours of courses from among the following list of courses, only one of which may be outside the CS rubric. Four courses must be selected from: CS 450, CS 466, CS 473, CS 486, CS 487, and ECE 367.		18
CS 351	Advanced Data Structure Practicum	
CS 378	Framework-based Software Development for Hand-held Devices	
CS 398	Undergraduate Design/Research	
CS 402	Algorithms in Practice	
CS 407	Economics and Computation	
CS 411	Artificial Intelligence I	
CS 412	Introduction to Machine Learning	
CS 415	Computer Vision I	
CS 418	Introduction to Data Science	
CS 421	Natural Language Processing	
CS 422	User Interface Design and Programming	
CS 424	Visualization and Visual Analytics	
CS 425	Computer Graphics I	
CS 426	Video Game Design and Development	
CS 427	Creative Coding	
CS 428	Virtual, Augmented and Mixed Reality	
CS 440	Software Engineering I	
CS 441	Engineering Distributed Objects For Cloud Computing	
CS 442	Software Engineering II	
CS 450	Introduction to Networking	
CS 453	Introduction to Parallel and Distributed Processing	
CS 454	Principles of Concurrent Programming	
CS 455	Introduction to High Performance Computing	
CS 461	Operating Systems Design and Implementation	
CS 463	Systems Performance and Concurrent Computing	
CS 466	Computer Architecture	
CS 468	Network Security	
CS 473	Compiler Design	
CS 474	Object-Oriented Languages and Environments	
CS 476	Programming Language Design	
CS 477	Public Policy, Legal, and Ethical Issues in Computing, Privacy, and Security	
CS 478	Software Development for Mobile Platforms	
CS 479	Wearables and Nearables Technology Laboratory	
CS 480	Database Systems	
CS 483	Big Data Mining	
CS 484	Secure Web Application Development	
CS 485	Networked Operating Systems Programming	
CS 487	Building Secure Computer Systems	
CS 488	Introduction to Cryptography	
CS 489	Human Augmentics	
ECE 367	Microprocessor-Based Design	
ECE 467	Introduction to VLSI Design	
ECE 469	Hardware Description Language Based Digital and Computer System Design	
IT 301	Networks and Distributed Computing Technology	
IT 302	Database Administration and Installation	
MCS 320	Introduction to Symbolic Computation	

MCS 425	Codes and Cryptography	
MCS 471	Numerical Analysis	
MCS 481	Computational Geometry	
STAT 471	Linear and Non-Linear Programming	
Total Hours		**18**

Required Mathematics Courses

Code	Title	Hours
Required Courses		
Select 9 hours from among the following courses, with at least one course taken from IE 342 or STAT 381.		9
IE 342	Probability and Statistics for Engineers [a]	
or STAT 381	Applied Statistical Methods I	
MATH 215	Introduction to Advanced Mathematics	
MATH 218	Applied Linear Algebra	
or MATH 320	Linear Algebra I	
MATH 220	Introduction to Differential Equations	
MATH 430	Formal Logic I	
MATH 435	Foundations of Number Theory	
MATH 436	Number Theory for Applications	
MCS 421	Combinatorics	
MCS 423	Graph Theory	
MCS 471	Numerical Analysis [b]	
STAT 401	Introduction to Probability	
STAT 473	Game Theory	
Total Hours		**9**

a *Students who take IE 342 will not receive credit for either STAT 381 or STAT 401.*

b *Students may choose to use MCS 471 as either a CS technical elective from outside the CS department or as a required mathematics course, but not both.*

Science Electives

Every student must take two courses from the list below.

Code	Title	Hours
Science Electives		
Select two of the following: [a]		8
BIOS 110	Biology of Cells and Organisms	
BIOS 120	Biology of Populations and Communities	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [b]	
or CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [b]	
or CHEM 118	Honors and Majors General and Analytical Chemistry II	
PHYS 141	General Physics I (Mechanics)	
PHYS 142	General Physics II (Electricity and Magnetism)	
EAES 101	Global Environmental Change	
EAES 111	Earth, Energy, and the Environment	
Total Hours		**8**

a *These courses are approved for the Analyzing the Natural World General Education category.*

b *General Education credit is only given for successful completion of both CHEM 122 and CHEM 123 or both CHEM 124 and CHEM 125.*

Free Electives

Code	Title	Hours
Electives		
Select 9 hours of Free Electives		9
Total Hours		**9**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Science Elective		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
MATH 181	Calculus II	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
General Education Core course		3
	Hours	**16**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
Science Elective		4
CS 211	Programming Practicum	3
CS 251	Data Structures	4
General Education Core course		3
	Hours	**17**
Second Semester		
CS 261	Machine Organization	4
CS 301	Languages and Automata	3
Required Mathematics course		3
General Education Core course		3
Humanities/Social Sciences/Art Elective		3
	Hours	**16**
Junior Year		
First Semester		
CS 361	Systems Programming	4
CS 362	Computer Design	4
CS 342	Software Design	3
Required Mathematics course		3

General Education Core course		3
	Hours	**17**
Second Semester		
CS 341	Programming Language Design and Implementation	3
CS 461	Operating Systems Design and Implementation	3
Required Mathematics course		3
Humanities/Social Sciences/Art Elective		3
Free Elective		4
	Hours	**16**
Senior Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 401	Computer Algorithms I	3
Technical Elective		3
Technical Elective		3
General Education Core course		3
Free Elective		2
	Hours	**17**
Second Semester		
Technical Elective		3
Technical Elective		3
Technical Elective		3
Technical Elective		3
Free Elective		3
CS 499	Professional Development Seminar	0
	Hours	**15**
	Total Hours	**128**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

BS in Computer Science with Human-Centered Computing Concentration

To earn a Bachelor of Science in Computer Science, with an HCC Concentration, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Degree Requirements

Code	Title	Hours
Summary of Requirements		
Required Outside the College of Engineering		55
Required in the College of Engineering		58
Technical Electives		6
Required Mathematics Courses		6
Free Electives		3
Total Hours		**128**

Required Outside the College of Engineering

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
General Education Core		
Select one course from each of the following categories: [a]		15
Exploring World Cultures		
Understanding the Creative Arts		
Understanding the Past		
Understanding the Individual and Society		
Understanding US Society		
Humanities/Social Sciences/Art Electives		
At least three of the selected courses must be from the following: (Please note: In order to enroll in some of these courses, students will have to go to the respective departments to get an override on prerequisites and/or enrollment restrictions.) [b]		12
PSCH 100	Introduction to Psychology	
PSCH 242	Introduction to Research in Psychology (prerequisite PSCH 100)	
ART 150	Introduction to New Media Arts	
ART 454	3D Space I: Modeling	
ART 456	Embedded Media: Physical Computing	
DES 452	Information Aesthetics I	
COMM 316	Writing for the Electronic Media	
COMM 430	Media, Information and Society	
COMM 460	Visual Communication	
MATH 180	Calculus I [c]	4
MATH 181	Calculus II [c]	4
MATH 210	Calculus III [c]	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics) [c]	4
PHYS 142	General Physics II (Electricity and Magnetism) [c]	4
Total Hours		**55**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*

b *These electives must be selected from a list of approved courses provided by the CS department.*

c *This course is approved for the Analyzing the Natural World General Education category.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
Select one of the following:		3

CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 261	Machine Organization	4
CS 277	Technical and Professional Communication in Computer Science	3
CS 301	Languages and Automata	3
CS 341	Programming Language Design and Implementation	3
CS 342	Software Design	3
CS 361	Systems Programming	4
CS 362	Computer Design	4
CS 377	Ethical Issues in Computing	3
CS 401	Computer Algorithms I	3
CS 422	User Interface Design and Programming	3
CS 499	Professional Development Seminar	0
Select at least three of the following:		9
CS 415	Computer Vision I	
or ECE 415	Image Analysis and Computer Vision I	
CS 411	Artificial Intelligence I	
CS 421	Natural Language Processing	
CS 424	Visualization and Visual Analytics	
CS 425	Computer Graphics I	
CS 426	Video Game Design and Development	
Total Hours		**58**

a *ENGR 100 and ENGR 101 each carry one equivalent semester hour, but award no credit toward graduation.*

Technical Electives

Code	Title	Hours
Courses		
Select two of the following, only one of which may be outside of the CS rubric:		6
CS 351	Advanced Data Structure Practicum	
CS 378	Framework-based Software Development for Hand-held Devices	
CS 398	Undergraduate Design/Research	
CS 402	Algorithms in Practice	
CS 407	Economics and Computation	
CS 411	Artificial Intelligence I [a]	
CS 412	Introduction to Machine Learning	
CS 415	Computer Vision I [a]	
or ECE 415	Image Analysis and Computer Vision I	
CS 418	Introduction to Data Science	
CS 421	Natural Language Processing [a]	
CS 422	User Interface Design and Programming	
CS 424	Visualization and Visual Analytics [a]	
CS 425	Computer Graphics I [a]	
CS 426	Video Game Design and Development [a]	
CS 427	Creative Coding	
CS 428	Virtual, Augmented and Mixed Reality	
CS 440	Software Engineering I	
CS 441	Engineering Distributed Objects For Cloud Computing	
CS 442	Software Engineering II	
CS 450	Introduction to Networking	
CS 453	Introduction to Parallel and Distributed Processing	
CS 454	Principles of Concurrent Programming	
CS 455	Introduction to High Performance Computing	
CS 461	Operating Systems Design and Implementation	
CS 463	Systems Performance and Concurrent Computing	
CS 466	Computer Architecture	
CS 468	Network Security	
CS 473	Compiler Design	
CS 474	Object-Oriented Languages and Environments	
CS 476	Programming Language Design	
CS 477	Public Policy, Legal, and Ethical Issues in Computing, Privacy, and Security	
CS 478	Software Development for Mobile Platforms	
CS 479	Wearables and Nearables Technology Laboratory	
CS 480	Database Systems	
CS 483	Big Data Mining	
CS 484	Secure Web Application Development	
CS 485	Networked Operating Systems Programming	
CS 487	Building Secure Computer Systems	
CS 488	Introduction to Cryptography	
CS 489	Human Augmentics	
ECE 452	Robotics: Algorithms and Control	
ECE 469	Hardware Description Language Based Digital and Computer System Design	
IT 301	Networks and Distributed Computing Technology	
IT 302	Database Administration and Installation	
MCS 320	Introduction to Symbolic Computation	
MCS 471	Numerical Analysis	
MCS 481	Computational Geometry	
STAT 471	Linear and Non-Linear Programming	

MATH 419	Models in Applied Mathematics	
Total Hours		**6**

a *May be used as either a selective course (above) or a technical elective but not both.*

Required Mathematics Courses

Code	Title	Hours
Required Courses		
IE 342	Probability and Statistics for Engineers [a]	3
or STAT 381	Applied Statistical Methods I	
MATH 218	Applied Linear Algebra	3
or MATH 320	Linear Algebra I	
Total Hours		**6**

a *Students who take IE 342 will not receive credit for either STAT 381 or STAT 401.*

Free Electives

Code	Title	Hours
Electives		
Select 3 hours of Free Electives		3
Total Hours		**3**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
General Education Core course		3
General Education Core course		3
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**16**
Second Semester		
MATH 181	Calculus II	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
General Education Core course		3
	Hours	**16**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 141	General Physics I (Mechanics)	4
CS 211	Programming Practicum	3
CS 251	Data Structures	4
General Education Core course		3
	Hours	**17**
Second Semester		
CS 261	Machine Organization	4
CS 301	Languages and Automata	3
MATH 220	Introduction to Differential Equations	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
Humanities/Social Sciences/Art Elective		3
	Hours	**17**
Junior Year		
First Semester		
CS 361	Systems Programming	4
CS 362	Computer Design	4
CS 342	Software Design	3
IE 342 or STAT 381	Probability and Statistics for Engineers or Applied Statistical Methods I	3
Humanities/Social Science/Art Elective [b]		3-4
	Hours	**17-18**
Second Semester		
CS 341	Programming Language Design and Implementation	3
CS 422	User Interface Design and Programming	3
CS 461	Operating Systems Design and Implementation	3
MATH 218 or MATH 320	Applied Linear Algebra or Linear Algebra I	3
Humanities/Social Science/Art Elective [b]		3-4
	Hours	**15-16**
Senior Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 401	Computer Algorithms I	3
CS 424	Visualization and Visual Analytics	3
CS 425	Computer Graphics I	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 426	Video Game Design and Development	3
CS 499	Professional Development Seminar	0
Technical Elective		3
Technical Elective		3
Humanities/Social Science/Art Elective [b]		3-4
Free Elective		3
	Hours	**15-16**
	Total Hours	**128**

a *ENGR 100 carries one equivalent hour but awards no credit towards graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

b *One of the following electives: PSCH 100, PSCH 242; ART 150, ART 454, ART 456; DES 452; COMM 430, COMM 316, COMM 460.*

BS in Computer Science with Software Engineering Concentration

To earn a Bachelor of Science in Computer Science, Software Engineering Concentration degree from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Degree Requirements

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		46
Required in the College of Engineering		55
Technical Electives		12
Required Mathematics Courses		6
Free Electives		9
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures Course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
Humanities/Social Sciences/Art Electives [b]		6
MATH 180	Calculus I [c]	4
MATH 181	Calculus II [c]	4
MATH 210	Calculus III [c]	3
Science Electives (see below) [d]		8
Total Hours		**46**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*

b *These electives must be selected from a list of approved courses provided by the CS department.*

c *This course is approved for the Analyzing the Natural World General Education category.*

d *All courses on the lab science sequence below are approved for the Analyzing the Natural World General Education category.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
Select one of the following:		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 261	Machine Organization	4
CS 277	Technical and Professional Communication in Computer Science	3
CS 301	Languages and Automata	3
CS 341	Programming Language Design and Implementation	3
CS 342	Software Design	3
CS 361	Systems Programming	4
CS 362	Computer Design	4
CS 377	Ethical Issues in Computing	3
CS 401	Computer Algorithms I	3
CS 440	Software Engineering I	3
CS 442	Software Engineering II	3
IE 342	Probability and Statistics for Engineers	3
CS 499	Professional Development Seminar	0
Total Hours		**55**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

Technical Electives

Code	Title	Hours
Courses		
Students must complete at least 12 hours of courses from the following, only one of which may be outside the CS rubric. Two courses must be from CS 422, CS 480, CS 441, and CS 474.		12
CS 351	Advanced Data Structure Practicum	
CS 378	Framework-based Software Development for Hand-held Devices	
CS 398	Undergraduate Design/Research	
CS 402	Algorithms in Practice	
CS 407	Economics and Computation	
CS 411	Artificial Intelligence I	
CS 412	Introduction to Machine Learning	
CS 418	Introduction to Data Science	
CS 421	Natural Language Processing	
CS 422	User Interface Design and Programming	
CS 424	Visualization and Visual Analytics	
CS 425	Computer Graphics I	
CS 426	Video Game Design and Development	
CS 427	Creative Coding	
CS 428	Virtual, Augmented and Mixed Reality	
CS 441	Engineering Distributed Objects For Cloud Computing	
CS 450	Introduction to Networking	
CS 453	Introduction to Parallel and Distributed Processing	
CS 454	Principles of Concurrent Programming	

CS 455	Introduction to High Performance Computing
CS 461	Operating Systems Design and Implementation
CS 463	Systems Performance and Concurrent Computing
CS 466	Computer Architecture
CS 468	Network Security
CS 473	Compiler Design
CS 474	Object-Oriented Languages and Environments
CS 476	Programming Language Design
CS 477	Public Policy, Legal, and Ethical Issues in Computing, Privacy, and Security
CS 478	Software Development for Mobile Platforms
CS 479	Wearables and Nearables Technology Laboratory
CS 480	Database Systems
CS 483	Big Data Mining
CS 484	Secure Web Application Development
CS 485	Networked Operating Systems Programming
CS 487	Building Secure Computer Systems
CS 488	Introduction to Cryptography
CS 489	Human Augmentics
ECE 469	Hardware Description Language Based Digital and Computer System Design
IE 345	Regression Applications and Forecasting in Engineering
IT 301	Networks and Distributed Computing Technology
IT 302	Database Administration and Installation
MCS 425	Codes and Cryptography
STAT 471	Linear and Non-Linear Programming
Total Hours	**12**

Required Mathematics Courses

Code	Title	Hours
Required Courses		
Select two of the following:		6
MATH 215	Introduction to Advanced Mathematics	
MATH 218	Applied Linear Algebra	
or MATH 320	Linear Algebra I	
MATH 220	Introduction to Differential Equations	
MATH 430	Formal Logic I	
MATH 435	Foundations of Number Theory	
MATH 436	Number Theory for Applications	
MCS 421	Combinatorics	
MCS 423	Graph Theory	
MCS 471	Numerical Analysis [a]	
STAT 473	Game Theory	
Total Hours		**6**

a *Students may choose to use MCS 471 as either a CS technical elective from outside the CS department or as a required mathematics course, but not both.*

Science Electives

Every student must take two courses from the list below.

Code	Title	Hours
Electives		
Select two courses from the following: [a]		8
BIOS 110	Biology of Cells and Organisms	
BIOS 120	Biology of Populations and Communities	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [b]	
or CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [b]	
or CHEM 118	Honors and Majors General and Analytical Chemistry II	
PHYS 141	General Physics I (Mechanics)	
PHYS 142	General Physics II (Electricity and Magnetism)	
EAES 101	Global Environmental Change	
EAES 111	Earth, Energy, and the Environment	
Total Hours		**8**

a *These courses are approved for the Analyzing the Natural World General Education category.*

b *General Education credit is only given for successful completion of both CHEM 122 and CHEM 123 or both CHEM 124 and CHEM 125.*

Free Electives

Code	Title	Hours
Electives		
Select 9 hours of Free Electives		9
Total Hours		**9**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Science Elective		4

ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
MATH 181	Calculus II	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
General Education Core course		3
	Hours	**16**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
Science Elective		4
General Education Core course		3
	Hours	**17**
Second Semester		
CS 261	Machine Organization	4
CS 301	Languages and Automata	3
IE 342	Probability and Statistics for Engineers	3
Humanities/Social Sciences/Art Elective		3
General Education Core course		3
	Hours	**16**
Junior Year		
First Semester		
CS 361	Systems Programming	4
CS 362	Computer Design	4
CS 342	Software Design	3
Required Mathematics course		3
General Education Core course		3
	Hours	**17**
Second Semester		
CS 341	Programming Language Design and Implementation	3
CS 277	Technical and Professional Communication in Computer Science	3
Required Mathematics course		3
Humanities/Social Sciences/Art Elective		3
Free Elective		4
	Hours	**16**
Senior Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 401	Computer Algorithms I	3
CS 440	Software Engineering I	3
Technical Elective		3
General Education Core course		3
Free Elective		2
	Hours	**17**
Second Semester		
CS 442	Software Engineering II	3
Technical Elective		3
Technical Elective		3
Technical Elective		3
Free Elective		3
CS 499	Professional Development Seminar	0
	Hours	**15**
	Total Hours	**128**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

BS in Computer Science and Design

In order to be considered for admission to the BS in Computer Science and Design, students must have:

- at least a C in all of the following courses, with an average math/science GPA of a 2.50/4.00;

Code	Title	Hours
ENGR 100	Engineering Success Seminar for Freshmen	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
CS 111	Program Design I	3
or CS 112	Program Design I in the Context of Biological Problems	
or CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3

- at least a B in the following courses, with an average design GPA of a 3.00/4.00;

Code	Title	Hours
DES 150	Digital Media Design I	4
DES 160	Design Photography	4
or DES 170	Color Theory	

- at least B in the following courses:

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3

All applicants must be in good standing, not on academic notice or undetermined status. Admission to this program is selective and competitive and admissions standards are higher than the minimum grade point average requirement. School of Design and Department of Computer Science summer offerings of prerequisite courses may allow transfer students to obtain the skills necessary to enter the program in the fall semester.

Degree Requirements

To earn a Bachelor of Science in Computer Science and Design from UIC, students need to complete university, college, and department degree requirements. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education and Non-Core Requirements		46
Computer Science Core Requirements		34-36
Design Core Requirements		40
Total Hours		**120-122**

General Education [a] and Non-Core Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
AH 110	World History of Art and the Built Environment I [b]	4
DES 236	History of Design II: 1925 to the Present [c]	3
DES 355	Design Seminar [c]	3
Exploring World Cultures General Education course		3
Understanding the Individual and Society General Education course		3
Understanding the Past General Education course		3
Understanding U.S. Society General Education course		3
MATH 180	Calculus I [d]	4
MATH 181	Calculus II [d]	4
IE 342	Probability and Statistics for Engineers	3
Science Elective [e]		4
MATH/Science Elective [f]		3
Total Hours		**46**

a *The UIC General Education Program requires that students complete ENGL 160, ENGL 161, and a minimum of 24 hours of credit with at least one course in each of the six categories of General Education: Analyzing the Natural World, Understanding the Individual and Society, Understanding the Past, Understanding the Creative Arts, Exploring World Cultures, and Understanding U.S. Society.*

b *Understanding the Creative Arts course.*

c *The Department of Computer Science requires that BS in Computer Science students complete 6 hours of Humanities/Social Sciences/Art electives. DES 236 and DES 355 will be used to fulfill this requirement.*

d *Analyzing the Natural World course.*

e *Students have to follow the science electives recommended for the BS in Computer Science degree. See the Computer Science catalog page for current list of courses.*

f *Students can choose between science electives and required mathematics courses recommended for the BS in Computer Science degree. See the Computer Science catalog page for current list of courses.*

Computer Science Core Requirements

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
Select one of the following:		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 401	Computer Algorithms I	3
CS/DES 427	Creative Coding	3
Select two of the following courses:		6-8
CS 261	Machine Organization	
CS 301	Languages and Automata	
CS 341	Programming Language Design and Implementation	
CS 342	Software Design	
CS 361	Systems Programming	
CS 362	Computer Design	
Computer Science Technical Electives (6 hours from the list below)		6
CS 411	Artificial Intelligence I	
CS 412	Introduction to Machine Learning	
CS 418	Introduction to Data Science	
CS 421	Natural Language Processing	
CS 422	User Interface Design and Programming	
CS 424	Visualization and Visual Analytics	
CS 425	Computer Graphics I	
CS 426	Video Game Design and Development	
CS 428	Virtual, Augmented and Mixed Reality	
CS 474	Object-Oriented Languages and Environments	
CS 478	Software Development for Mobile Platforms	
CS 480	Database Systems	
CS 489	Human Augmentics	
Total Hours		**34-36**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*

Design Core Requirements

Code	Title	Hours
Required Courses		
DES 150	Digital Media Design I	4
DES 160	Design Photography	4
or DES 170	Color Theory	
DES 208	Typography I: Form	4
DES 209	Typography II: Systems	4

DES 255	Integrative Design Studio I	4
DES 256	Integrative Design Studio II	4
DES 357	Integrative Design Studio III	4
DES 458	Integrative Studio Project	4
Select one of the following Professional Practice tracks (2 courses):		8
DES 420 & DES 421	Professional Practice Project I and Professional Practice Project II	
DES 430 & DES 431	Interdisciplinary Product Development I and Interdisciplinary Product Development II	
DES 452 & DES 453	Information Aesthetics I and Information Aesthetics II	
Total Hours		**40**

Sample Course Schedule

Course	Title	Hours
First Year		
FALL AND SPRING SEMESTERS		
Prerequisite design, computer science, and math coursework for the major including the equivalent of:		
DES 150	Digital Media Design I	4
DES 160 or DES 170	Design Photography or Color Theory	4
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
Prerequisite academic coursework for the major including the equivalent of:		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 180	Calculus I	4
MATH 181	Calculus II	4
	Hours	**31**
Second Year		
Fall Semester		
CS 211	Programming Practicum	3
DES 208	Typography I: Form	4
DES 255	Integrative Design Studio I	4
Science Elective		4
	Hours	**15**
Spring Semester		
CS 251	Data Structures	4
DES 209	Typography II: Systems	4
DES 256	Integrative Design Studio II	4
Understanding the Individual and Society General Education course		3
	Hours	**15**
Third Year		
Fall Semester		
IE 342	Probability and Statistics for Engineers	3
DES 357	Integrative Design Studio III	4
AH 110	World History of Art and the Built Environment I	4
DES 355	Design Seminar	3
Understanding U.S. Society General Education course		3
	Hours	**17**
Spring Semester		
CS Selective course (CS 261, CS 301, CS 341, CS 342, CS 361, or CS 362)		3-4
CS 427	Creative Coding	3
DES 236	History of Design II: 1925 to the Present	3
DES 458	Integrative Studio Project	4
Math/Science Elective		3
	Hours	**16-17**
Fourth Year		
Fall Semester		
CS 401	Computer Algorithms I	3
CS Technical Elective		3
Professional Practice Track - Course 1		4
DES 420 or DES 430 or DES 452	Professional Practice Project I or Interdisciplinary Product Development I or Information Aesthetics I	
Exploring World Cultures General Education course		3
	Hours	**13**
Spring Semester		
CS Selective course (CS 261, CS 301, CS 341, CS 342, CS 361, or CS 362)		3-4
CS Technical Elective		3
Professional Practice Track - Course 2		4
DES 421 or DES 431 or DES 453	Professional Practice Project II or Interdisciplinary Product Development II or Information Aesthetics II	
Understanding the Past General Education course		3
	Hours	**13-14**
	Total Hours	**120-122**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

BS in Data Science with Bioinformatics Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with Bioinformatics Concentration from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Bioinformatics Concentration Requirements		15-16
Free Electives		10-11
Total Hours		**121**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3

Foreign Language [a]	8
Understanding the Individual and Society course [b,c]	3
Understanding U.S. Society course [b,c]	3
Exploring World Cultures course [b]	3
Understanding the Creative Arts course [b]	3
Understanding the Past course [b]	3
Two Analyzing the Natural World courses (with lab) [b,d]	8
Total Hours	**37**

a *Additional information on the COE's foreign language policy can be found in the College of Engineering section of the catalog.*
b *Students should consult the General Education (p. 86) section of the catalog for a list of approved courses.*
c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*
d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3
or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*
b *IE 342 must be taken for the Concentration in Industrial Engineering.*
c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*
d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Bioinformatics Concentration Requirements

Code	Title	Hours
Required Prerequisites		
BIOS 110	Biology of Cells and Organisms [a]	
BIOS 120	Biology of Populations and Communities [a]	
Required Courses		
BIOS 220	Genetics	3
BIOS 430	Evolution	4
BME 480	Intro to Bioinformatics	3
BME 481	Bioinformatics Laboratory	2
Select one of the following:		3-4
BME 240	Modeling Physiological Data and Systems	
BME 339	Biostatistics I	
BME 407	Pattern Recognition I	
BME 439	Biostatistics II	
Total Hours		**15-16**

Free Electives

Code	Title	Hours
Electives		
Select 10-11 hours of Free Electives		10-11
Total Hours		**10-11**

a *This course counts toward the Analyzing the Natural World (with lab) General Education requirement.*

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4

Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3
CS 211	Programming Practicum	3
STAT 381 or IE 342 or ECE 341	Applied Statistical Methods I or Probability and Statistics for Engineers or Probability and Random Processes for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480 or IDS 410	Database Systems or Business Database Technology	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418 or IDS 472	Introduction to Data Science or Business Data Mining	3
STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Free Elective		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
Second Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

BS in Data Science with Business Analytics Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with a Business Analytics Concentration from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Business Analytics Concentration Requirements		18
Free Electives		8
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language [a]		8
Understanding the Individual and Society course [b,c]		3
Understanding U.S. Society course [b,c]		3
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Two Analyzing the Natural World courses (with lab) [b,d]		8
Total Hours		**37**

a *Additional information on the* COE's foreign language policy *can be found in the College of Engineering section of the catalog.*

b *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses.*

c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*

d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3
or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*

b *IE 342 must be taken for the Concentration in Industrial Engineering.*

c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*

d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Business Analytics Concentration Requirements

Code	Title	Hours
Required Courses		
Select 12 hours from the following:		12
IDS 400	Programming for Data Science in Business	
IDS 420	Business Model Simulation	
IDS 422	Text Mining for Business Applications	
IDS 460	Causal Inference	
IDS 473	Risk Management and Insurance	
IDS 476	Business Forecasting Using Time Series Methods	
Business Foundation		
Select 6 hours from the following:		6
ACTG 210	Introduction to Financial Accounting	
FIN 301	Introduction to Managerial Finance	
MKTG 360	Introduction to Marketing	
IDS 355	Operations Management	
MGMT 340	Introduction to Organizations	
Optional Electives		
ACTG 210	Introduction to Financial Accounting	
ACTG 211	Introduction to Managerial Accounting	
FIN 301	Introduction to Managerial Finance	
FIN 310	Investments	
FIN 416	Options and Futures Markets	
FIN 480	Securities Markets and High-Frequency Trading	
IDS 450	Supply Chain Planning and Logistics	
IDS 454	Introduction to Supply Chain Management	
IDS 479	Enterprise Risk Management	
MGMT 340	Introduction to Organizations	
MKTG 360	Introduction to Marketing	
MKTG 460	Marketing Analytics	
MKTG 462	Marketing Research	
MKTG 479	Digital and Social Media Marketing	
Total Hours		**18**

Free Electives

Code	Title	Hours
Electives		
Select 8 hours of Free Electives.		8
Total Hours		**8**

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3

ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3
CS 211	Programming Practicum	3
STAT 381 or IE 342 or ECE 341	Applied Statistical Methods I or Probability and Statistics for Engineers or Probability and Random Processes for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480 or IDS 410	Database Systems or Business Database Technology	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418 or IDS 472	Introduction to Data Science or Business Data Mining	3
STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Concentration Requirement		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
Second Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

BS in Data Science with Computer Science Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with a Computer Science Concentration from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Computer Science Concentration Requirements		15
Free Electives		11
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language [a]		8
Understanding the Individual and Society course [b,c]		3
Understanding U.S. Society course [b,c]		3
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Two Analyzing the Natural World courses (with lab) [b,d]		8
Total Hours		**37**

a *Additional information on the* COE's foreign language policy *can be found in the College of Engineering section of the catalog.*

b *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses.*

c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*

d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3
or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*

b *IE 342 must be taken for the Concentration in Industrial Engineering.*

c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*

d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Computer Science Concentration Requirements

Code	Title	Hours
Required Courses		
The following courses must be chosen as the selective choices in the Core courses in order to pursue this concentration.		
CS 418	Introduction to Data Science	
CS 480	Database Systems	
Select five of the following courses, of which at least four must be CS courses:		15
CS 342	Software Design	
CS/MCS 401	Computer Algorithms I	
CS 411	Artificial Intelligence I	
CS 412	Introduction to Machine Learning	
CS 421	Natural Language Processing [a]	
CS 424	Visualization and Visual Analytics	
STAT 461	Applied Probability Models I	
STAT 473	Game Theory	
MCS 471	Numerical Analysis	
Total Hours		**15**

Free Electives

Code	Title	Hours
Electives		
Select 11 hours of Free Electives.		11
Total Hours		**11**

a *CS 301 is a prerequisite for CS 421.*

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3
CS 211	Programming Practicum	3

STAT 381 or IE 342 or ECE 341	Applied Statistical Methods I or Probability and Statistics for Engineers or Probability and Random Processes for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480	Database Systems	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418	Introduction to Data Science	3
STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Free Elective		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
Second Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

BS in Data Science with Data Processing, Science, and Engineering Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with a Data Processing, Science, and Engineering Concentration from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Data Processing, Science, and Engineering Concentration Requirements		15-17
Free Electives		9-11
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language [a]		8
Understanding the Individual and Society course [b,c]		3
Understanding U.S. Society course [b,c]		3
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Two Analyzing the Natural World courses (with lab) [b,d]		8
Total Hours		**37**

a *Additional information on the* COE's foreign language policy *can be found in the College of Engineering section of the catalog.*

b *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses.*

c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*

d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	

CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3
or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*

b *IE 342 must be taken for the Concentration in Industrial Engineering.*

c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*

d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Data Processing, Science, and Engineering Concentration Requirements

Code	Title	Hours
Required Courses		
Note: ECE 341 must be chosen as the selective probability and statistics choice in the Core Courses in order to pursue this concentration.		
MATH 220	Introduction to Differential Equations	3
ECE 310	Discrete and Continuous Signals and Systems	3
Selectives		
Select three of the following:		9-11
ECE 317	Digital Signal Processing I	
ECE 407	Pattern Recognition I	
ECE 415	Image Analysis and Computer Vision I	
ECE 417	Digital Signal Processing II	
ECE 418	Statistical Digital Signal Processing	
ECE 434	Multimedia Systems	
ECE 452	Robotics: Algorithms and Control	
Total Hours		**15-17**

Free Electives

Code	Title	Hours
Electives		
Select 9-11 hours of Free Electives.		9-11
Total Hours		**9-11**

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3
CS 211	Programming Practicum	3
ECE 341	Probability and Random Processes for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480 or IDS 410	Database Systems or Business Database Technology	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418 or IDS 472	Introduction to Data Science or Business Data Mining	3

STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Free Elective		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3-4
General Education Core course		3
Free Elective		3-4
	Hours	**13**
Second Semester		
Concentration Requirement		3-4
Concentration Requirement		3
General Education Core course		3
Free Elective		3-4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

BS in Data Science with Health Data Science Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with a Health Data Science Concentration from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Health Data Science Concentration Requirements		17
Free Electives		9
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language [a]		8
Understanding the Individual and Society course [b,c]		3
Understanding U.S. Society course [b,c]		3
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Two Analyzing the Natural World courses (with lab) [b,d]		8
Total Hours		**37**

a *Additional information on the* COE's foreign language policy *can be found in the College of Engineering section of the catalog.*

b *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses.*

c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*

d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3

or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*
b *IE 342 must be taken for the Concentration in Industrial Engineering.*
c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*
d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Health Data Science Concentration Requirements

Code	Title	Hours
Required Courses		
All courses will be eight weeks and delivered in an online format.		
BHIS 406	Medical Terminology for Health Information Management	2
BHIS 428	Consumer Health: Engaging Patients Through Technology	3
BHIS 460	Introduction to Health Informatics	1
HIM 322	Fundamentals of Health Record and Data Management	4
HIM 337	Analysis of Health Care Data	4
HIM 410	Introduction to the Health Care System	3
Total Hours		**17**

Free Electives

Code	Title	Hours
Electives		
Select 9 hours of Free Electives		9
Total Hours		**9**

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3
CS 211	Programming Practicum	3
STAT 381 or IE 342 or ECE 341	Applied Statistical Methods I or Probability and Statistics for Engineers or Probability and Random Processes for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480 or IDS 410	Database Systems or Business Database Technology	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418 or IDS 472	Introduction to Data Science or Business Data Mining	3
STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Free Elective		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
Second Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

BS in Data Science with Industrial Engineering Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with an Industrial Engineering Concentration from UIC, students need to complete university, college, and department degree requirements. The degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Industrial Engineering Concentration Requirements		13
Free Electives		13
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language [a]		8
Understanding the Individual and Society course [b,c]		3
Understanding U.S. Society course [b,c]		3
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Two Analyzing the Natural World courses (with lab) [b,d]		8
Total Hours		**37**

a *Additional information on the COE's foreign language policy can be found in the College of Engineering section of the catalog.*

b *Students should consult the General Education (p. 86) section of the catalog for a list of approved courses.*

c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*

d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3
or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*

b *IE 342 must be taken for the Concentration in Industrial Engineering.*

c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*

d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Industrial Engineering Concentration Requirements

Code	Title	Hours
Required Courses		
Note: IE 342 must be chosen as the selective in the Common Core in order to pursue this concentration.		
IE 345	Regression Applications and Forecasting in Engineering	3
IE 365	Work Productivity Analysis	4
IE 446	Advanced Quality Control and Reliability	3
IE 471	Operations Research I	3
Optional Electives		

IE 442	Design and Analysis of Experiments in Engineering
IE 461	Safety Engineering
IE 463	Manufacturing Facilities Design and Material Handling
IE 466	Production Operation Analytics and Inventory Control
IE 467	Discrete Event Computer Simulation Application
IE 472	Operations Research II
IE 473	Stochastic Processes and Queuing Models
Total Hours	**13**

Free Electives

Code	Title	Hours
Electives		
Select 13 hours of Free Electives.		13
Total Hours		**13**

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3
CS 211	Programming Practicum	3
IE 342	Probability and Statistics for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480 or IDS 410	Database Systems or Business Database Technology	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418 or IDS 472	Introduction to Data Science or Business Data Mining	3
STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Free Elective		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
Second Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

BS in Data Science with Social Technology Studies Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with a Social Technology Studies Concentration from UIC, students need to complete university, college, and department degree requirements. The degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Social Technology Studies Concentration Requirements		18
Free Electives		8
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language [a]		8
Understanding the Individual and Society course [b,c]		3
Understanding U.S. Society course [b,c]		3
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Two Analyzing the Natural World courses (with lab) [b,d]		8
Total Hours		**37**

a *Additional information on the* COE's foreign language policy *can be found in the College of Engineering section of the catalog.*
b *Students should consult the* General Education *(*p. 86*) section of the catalog for a list of approved courses.*
c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*
d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3
or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*
b *IE 342 must be taken for the Concentration in Industrial Engineering.*
c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*
d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Social Technology Studies Concentration Requirements

Code	Title	Hours
Required Courses		
Select three of the following:		9
COMM 206	Public Relations and Digital Media	
COMM 216	Digital Journalism	
COMM 220	Social Media and Marketing	
COMM 240	Data Journalism	
COMM 250	Social Media and Society	
Selectives		
Select three of the following:		9
COMM 205	The Health Media Environment	
COMM 206	Public Relations and Digital Media	
COMM 220	Social Media and Marketing	
COMM 260	Games as Social Technology	
COMM 425	Digital Advocacy [a]	
COMM 430	Media, Information and Society	
COMM 433	Mobile Media and the City	
COMM 435	Data, Privacy and Ethics in the Digital Age	
CS 489	Human Augmentics	
Total Hours		**18**

Free Electives

Code	Title	Hours
Electives		
Select 8 hours of Free Electives.		8
Total Hours		**8**

a *COMM 301 is a prerequisite for COMM 425. Data Science majors must obtain department approval.*

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3
CS 211	Programming Practicum	3
STAT 381 or IE 342 or ECE 341	Applied Statistical Methods I or Probability and Statistics for Engineers or Probability and Random Processes for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480 or IDS 410	Database Systems or Business Database Technology	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418 or IDS 472	Introduction to Data Science or Business Data Mining	3
STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Concentration Requirement		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
Second Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

BS in Data Science with Statistics Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with a Statistics Concentration from UIC, students need to complete university, college, and department degree requirements. The degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Statistics Concentration Requirements		15
Free Electives		11
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language [a]		8
Understanding the Individual and Society course [b,c]		3
Understanding U.S. Society course [b,c]		3
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Two Analyzing the Natural World courses (with lab) [b,d]		8
Total Hours		**37**

a *Additional information on the COE's foreign language policy can be found in the College of Engineering section of the catalog.*
b *Students should consult the General Education (p. 86) section of the catalog for a list of approved courses.*
c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*
d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3
or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*
b *IE 342 must be taken for the Concentration in Industrial Engineering.*
c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*
d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Statistics Concentration Requirements

Code	Title	Hours
Required Courses		
STAT 401	Introduction to Probability	3
STAT 411	Statistical Theory	3
STAT 451	Computational Statistics	3
STAT 485	Intermediate Statistical Techniques for Machine Learning and Big Data	3
STAT 486	Statistical Consulting	3
Optional Electives		
CS 411	Artificial Intelligence I	
CS 424	Visualization and Visual Analytics	
STAT 431	Introduction to Survey Sampling	
STAT 475	Mathematics and Statistics for Actuarial Sciences I	
Total Hours		**15**

Free Electives

Code	Title	Hours
Electives		
Select 11 hours of Free Electives.		11
Total Hours		**11**

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3

CS 211	Programming Practicum	3
STAT 381 or IE 342 or ECE 341	Applied Statistical Methods I or Probability and Statistics for Engineers or Probability and Random Processes for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480 or IDS 410	Database Systems or Business Database Technology	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418 or IDS 472	Introduction to Data Science or Business Data Mining	3
STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Free Elective		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
Second Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

BS in Data Science with Urban Planning and Public Affairs Concentration

Degree Requirements

To earn a Bachelor of Science in Data Science with a Urban Planning and Public Affairs Concentration from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		37
Core Courses		57
Urban Planning and Policy Administration Concentration Requirements		18-19
Free Electives		7-8
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language [a]		8
Understanding the Individual and Society course [b,c]		3
Understanding U.S. Society course [b,c]		3
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
Two Analyzing the Natural World courses (with lab) [b,d]		8
Total Hours		**37**

a *Additional information on the* COE's foreign language policy *can be found in the College of Engineering section of the catalog.*

b *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses.*

c *Students pursuing the Applied Economic Analysis Concentration will use ECON 120 toward either the Understanding the Individual and Society or Understanding U.S. Society requirement.*

d *Students planning to pursue the Bioinformatics Concentration will take BIOS 110 and BIOS 120 to fulfill the Analyzing the Natural World requirement.*

Core Courses

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	

MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
Select one of the following		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
or MCS 361	Discrete Mathematics	
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 377	Ethical Issues in Computing	3
Select one of the following:		3
STAT 381	Applied Statistical Methods I	
IE 342	Probability and Statistics for Engineers [b]	
ECE 341	Probability and Random Processes for Engineers [c]	
STAT 382	Statistical Methods and Computing	3
or IDS 462	Statistical Software for Business Applications	
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
IDS 312	Business Project Management	3
IDS 435	Optimization for Analytics	3
CS 418	Introduction to Data Science [d]	3
or IDS 472	Business Data Mining	
CS 480	Database Systems [c]	3
or IDS 410	Business Database Technology	
Total Hours		**57**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total required for graduation.*

b *IE 342 must be taken for the Concentration in Industrial Engineering.*

c *ECE 341 must be taken for the Concentration in Data Processing, Science, and Engineering.*

d *CS 418 and CS 480 must be taken for the Concentration in Computer Science.*

Urban Planning and Public Affairs Concentration Requirements

Code	Title	Hours
Students will select two classes from each of the following three categories.		
Understanding Public Problems		
Select two of the following:		6
PPOL 100	Individual Action and Democratic Citizenship	
PPOL 210	Introduction to Public Policy	
PPOL 220	Introduction to Civic Technology	
PPOL 230	Nonprofit Organizations and Civil Society	
UPP 403	Just and Sustainable Planning Practices for Great Cities	
US 101	Introduction to Urban Studies	
US 202	Social Justice and the City	
US 301	Political Economy of Urban Development [a]	
Urban Data Visualization and Geospatial Analysis		
Select two of the following:		6-7
PA 435	Geographic Information Systems (GIS) for Public Managers	
UPP 461	Geographic Information Systems for Planning and Policy	
UPP 462	Intermediate GIS for Planning and Policy	
US 361	Introduction to Geographic Information Systems I	
Policy Analysis		
Select two of the following:		6
PPOL 307	Policy Analysis III: Identifying and Developing Alternatives	
PPOL 405	Evaluating Public Policies and Programs	
UPP 465	Topics in Geospatial Analysis and Visualization (Spatial Statistics section)	
US 250	Analyzing the City	
US 306	Urban Policy Analysis Methods [a]	

a *This course has prerequisites that can be taken as free electives in order to register for this course.*

Free Electives

Code	Title	Hours
Electives		
Select 7-8 hours of Free Electives.		7-8
Total Hours		**7-8**

Sample Course Schedule

Course	Title	Hours
First Year		
First Semester		
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Analyzing the Natural World (with Lab) General Education course		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Second Semester		
CS 141	Program Design II	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3

MATH 181	Calculus II	4
General Education Core course		3
Foreign Language		4
	Hours	**17**
Second Year		
First Semester		
CS 151 or MCS 361	Mathematical Foundations of Computing or Discrete Mathematics	3
CS 211	Programming Practicum	3
STAT 381 or IE 342 or ECE 341	Applied Statistical Methods I or Probability and Statistics for Engineers or Probability and Random Processes for Engineers	3
Analyzing the Natural World (with lab) General Education course		4
Foreign Language		4
	Hours	**17**
Second Semester		
CS 251	Data Structures	4
STAT 382 or IDS 462	Statistical Methods and Computing or Statistical Software for Business Applications	3
IDS 312	Business Project Management	3
MATH 210	Calculus III	3
General Education Core course		3
	Hours	**16**
Third Year		
First Semester		
CS 377	Ethical Issues in Computing	3
CS 480 or IDS 410	Database Systems or Business Database Technology	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
MATH 218	Applied Linear Algebra	3
General Education Core course		3
	Hours	**15**
Second Semester		
CS 418 or IDS 472	Introduction to Data Science or Business Data Mining	3
STAT 481	Applied Statistical Methods II	3
IDS 435	Optimization for Analytics	3
Concentration Requirement		3
Concentration Requirement		3
	Hours	**15**
Fourth Year		
First Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
Second Semester		
Concentration Requirement		3
Concentration Requirement		3
General Education Core course		3
Free Elective		4
	Hours	**13**
	Total Hours	**120**

a ENGR 100 *is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

Joint BS in Computer Science/MS in Computer Science

Degree Requirements

To earn a joint Bachelor of Science in Computer Science/Master of Science in Computer Science degree from UIC, students need to complete university, college, and department degree requirements. The Department of Computer Science degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

The Joint Bachelor of Science in Computer Science (BSCS) and Master of Science in Computer Science (MSCS) is designed for undergraduate students with outstanding academic performance who desire to pursue graduate studies in Computer Science, or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a BSCS and an MSCS degree upon completion, with 8 hours of coursework shared between the two degrees.

The requirements for completion of the combined BSCS/MSCS degree are nearly identical to the completion of these two separate degrees. The only difference is that 8 hours of shared coursework used for both degrees. Completion of 120 hours at the undergraduate level; plus 8 shared hours counting toward both the BSCS and MSCS degrees; plus 28 hours of coursework at the graduate level will result in joint BSCS/MSCS degrees. Students in the BSCS who have only two semesters of coursework left and who have at least a 3.60/4.00 grade point average may register for two graduate-level courses (one at the 400 level, and one at the 500 level) and receive 4 hours, instead of 3 hours, for each. The two graduate-level courses count toward the technical elective requirement within the BSCS component of the program. As a result, students in the joint degree complete six technical elective courses for a total of 20 hours and 7 hours of free electives. At the graduate level these courses will count as required courses. An advisor must approve these courses.

Students should apply to the program during their third year, after having completed at least 27 hours of CS courses (excluding CS 398). An overall GPA of 3.60 or higher is required for application.

Sample Course Schedule

Course	Title	Hours
First Year		
Fall Semester		
MATH 180	Calculus I	4
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Science Elective		4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**14**
Spring Semester		
MATH 181	Calculus II	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3

General Education Requirement course		3
	Hours	**16**
Second Year		
Fall Semester		
MATH 210	Calculus III	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 277	Technical and Professional Communication in Computer Science	3
Science Elective		4
	Hours	**17**
Spring Semester		
CS 261	Machine Organization	4
CS 342	Software Design	3
Required Math course		3
Humanities/Social Sciences/Art Elective		3
General Education Requirement course		3
	Hours	**16**
Third Year		
Fall Semester		
CS 301	Languages and Automata	3
CS 361	Systems Programming	4
CS 362	Computer Design	4
Required Math course		3
General Education Requirement course		3
	Hours	**17**
Spring Semester		
CS 341	Programming Language Design and Implementation	3
CS 377	Ethical Issues in Computing	3
Technical Elective		3
Required Math course		3
General Education Requirement course		3
Free Elective		3
	Hours	**18**
Fourth Year		
Fall Semester		
CS 401	Computer Algorithms I	3
Technical Elective		3
Technical Elective		3
Humanities/Social Science Elective		3
General Education Requirement course		3
	Hours	**15**
Spring Semester		
CS 499	Professional Development Seminar	0
Technical Elective		4
Technical Elective		3
Technical Elective		4
Free Elective		4
	Hours	**15**
Fifth Year		
Fall Semester		
MS Coursework		16
	Hours	**16**
Spring Semester		
MS Coursework		4
MS Coursework or		4
CS 598	M.S. Thesis Research (thesis option)	
MS Coursework or one of the following:		4
CS 597	Project Research (project option)	
CS 598	M.S. Thesis Research (thesis option)	
	Hours	**12**
	Total Hours	**156**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

Minor in Computer Science

Requirements for the Minor

For the minor, 16–17 semester hours are required, excluding prerequisite courses. This minor is not available to students in very closely related fields, including Computer Engineering and Mathematical Computer Science. Open to College of Engineering and non-College of Engineering students.

Code	Title	Hours
Prerequisite Courses		
MATH 180	Calculus I	4
One of the following:		3
CS 107	Introduction to Computing and Programming	
CS 109	Programming for Engineers with MatLab	
CS 111	Program Design I [a]	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
Total Hours		**7**

Code	Title	Hours
Required Courses		
CS 141	Program Design II [b]	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
Select one of the following:		3-4
CS 261	Machine Organization	
CS 301	Languages and Automata	
CS 341	Programming Language Design and Implementation	
CS 342	Software Design	
CS 401	Computer Algorithms I	
Any 400-level course in CS for which the prerequisites are met		
Total Hours		**16-17**

a *Students may receive credit for CS 111 through the proficiency exam.*

b *A student may substitute CS 107 for both CS 111 and CS 141. This substitution was designed solely for students in the ECE department in the College of Engineering.*

Department of Electrical and Computer Engineering

Contact Information:
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Administration:
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Director of Undergraduate Studies, Jim Kosmach
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BS in Electrical Engineering

The Electrical Engineering curriculum is concerned with analysis and design of modern electronic systems, devices, and signals for a broad range of applications such as wireless or network communication, electrical power and control, and multimedia information technology. The curriculum provides a wide background in the fundamental theory of electrical engineering and in the mathematical and scientific tools necessary for an electrical engineer to meet the current and future challenges of a professional career. The field of electrical engineering is currently evolving at a rapid pace since it has a major role in the accelerated growth of the technological world. This requires the modern electrical engineer not only to have a sound basis in the fundamental principles but also to have the capacity to learn and assimilate novel advances as soon as they materialize. These qualities are anticipated in the curriculum, which includes not only a sound theoretical background but also offers a variety of courses that develop the student's ability to gain knowledge autonomously and to combine it with contemporary design techniques. Courses are in diverse areas such as signal processing, power electronics, communications, optical and electromagnetic technologies, control systems, integrated circuits, multimedia networks, and image analysis.

The curriculum includes both required and elective courses. The required courses are in engineering, mathematics, and physics; they provide a wide backdrop in science and engineering. The elective courses are more specialized and offer a broad range of electrical engineering applications. Each student is assigned a faculty advisor who assists in the selection of the courses.

In addition to classroom experience, the Electrical Engineering curriculum is planned to provide laboratory experience in electrical and electronic circuits, electromagnetics, communication and signal processing, controls, computers, and digital systems. The curriculum incorporates design projects in the student's experience starting from the freshman year and culminating in a capstone design project in the senior year. The project requires the students to undertake a significant group design that enriches their knowledge in practical aspects of engineering principles and methodologies. Most of these projects solve realistic problems and the results are presented in an exposition. The curriculum also requires the students to acquire oral and writing skills in expressing their professional ideas and ethical norms.

The educational objectives of the Electrical Engineering undergraduate program are for its graduates to:

- Contribute to their employers, organizations, and communities.
- Be leaders in their professions around the world and expand engineering knowledge in a variety of communities.
- Practice and exhibit high ethical values and communicate effectively with colleagues and the public.
- Pursue advanced degrees or become engineers, researchers, innovators, consultants, or entrepreneurs.

Opportunities are available to participate in the activities of the student chapter of the Institute of Electrical and Electronic Engineers (IEEE) and Eta Kappa Nu, the honor society of electrical and computer engineering. An interest in robotics can be pursued by joining the Engineering Design Team, a College of Engineering student group.

BS in Computer Engineering

Computer Engineering is concerned with the application of electrical engineering and computer science principles to the design of computer systems and digital networks. Through creative utilization of tools and knowledge, a computer engineer designs digital systems that are being employed in virtually all fields of human endeavor. This requires a background in physical sciences, information sciences, electrical engineering, and computer science. Computer engineering requires skills in both the design and development of computer hardware and computer software. Depending on need, the computer engineer may work with electrical engineers, computer scientists, information systems experts, biomedical researchers, and people in almost any other field. The diversity of products that involve the design talents of a computer engineer is unlimited. These range from large to small computers to special purpose computing hardware and software embedded within devices and systems. The applications, for example, are in business to organize, process, and communicate data, communications over mobile and satellite networks, digital sound and picture processing for entertainment, household appliances, automotive systems, manufacturing process control, biomedical instrumentation, machine control, and innumerable other fields. The emphasis in computer engineering is on the design of hardware as well as software tools and systems for the acquisition, processing, storage, and transmission of data and signals by digital means.

All students are required to obtain a strong mathematical foundation, including discrete mathematics and probability and statistics. Each student acquires a common background in the fundamentals of electrical engineering and computer science. This includes course work in computer languages, data structures and algorithms, software design and development, circuit analysis, signal processing, computer architecture, digital networks, microprocessor-based design, digital electronic circuits design, and computer operating systems design. Furthermore, in consultation with an advisor, each student can follow an individualized program by taking courses selected from a departmentally approved list of technical elective courses for computer engineering. In almost all course work, students do design projects while learning to apply basic computer tools. The curriculum also requires the students to acquire oral and writing skills in expressing their professional ideas and ethical norms. As a senior, each student gains further design experience working in a group on a two-semester design project involving practical application of engineering principles.

The educational objectives of the Computer Engineering undergraduate program are for its graduates to:

- Contribute to their employers, organizations, and communities.
- Be leaders in their professions around the world and expand engineering knowledge in a variety of communities.
- Practice and exhibit high ethical values and communicate effectively with colleagues and the public.
- Pursue advanced degrees or become engineers, researchers, innovators, consultants, or entrepreneurs.

Students are encouraged to participate in the activities of the student chapters of the Institute of Electrical and Electronic Engineers (IEEE) and the Association for Computing Machinery (ACM). An interest in robotics can be pursued by joining the Engineering Design Team, a College of Engineering student group. Qualified students will be invited to join Eta Kappa Nu, the honor society for electrical and computer engineers.

BS in Engineering Physics

The BS in Engineering Physics is offered by the Department of Electrical and Computer Engineering (College of Engineering) in association with the Department of Physics (College of Liberal Arts and Sciences).

The Engineering Physics major bridges the gap between science and technology by combining a strong background in physics and mathematics with exposure to the most fundamental areas of engineering. The program is based on the recognition that most engineering disciplines are rooted in the field of physics, and that new and emerging technologies rarely fall neatly within a single engineering discipline but often straddle different fields. The program highlights, for instance, the subtle and deep relations between materials science and civil engineering, between solid-state physics and chemical engineering, and between electromagnetics and telecommunication engineering.

This training is especially well suited to students who wish to pursue careers in research and development in advanced technology and applied science. In particular, students majoring in this program are well qualified to pursue graduate studies in most areas of engineering and applied physics. They may also pursue a master's degree in education, thus qualifying to teach physics in high school.

The content of this program strongly emphasizes topics in physics and mathematics; however, this curriculum also gives students great flexibility in the choice of topics for technical electives. Students can customize their curriculum by choosing three technical elective courses from many fields.

The educational objectives of the Engineering Physics undergraduate program are for its graduates to:

- Contribute to their employers, organizations, and communities.
- Be leaders in their professions around the world and expand engineering knowledge in a variety of communities.
- Practice and exhibit high ethical values and communicate effectively with colleagues and the public.
- Pursue advanced degrees or become engineers, researchers, innovators, consultants, or entrepreneurs.

Students interested in the Engineering Physics major should contact the Department of Electrical and Computer Engineering at e (uslenghi@uic.edu)cestudentaffairs@uic.edu (ecestudentaffairs@uic.edu).

Accreditation

- The computer engineering program at UIC is accredited by the Engineering Accreditation Commission of ABET
- The electrical engineering program at UIC is accredited by the Engineering Accreditation Commission of ABET
- The engineering physics program at UIC is accredited by the Engineering Accreditation Commission of ABET

Degree Programs

- BS in Computer Engineering (p. 278)
- BS in Electrical Engineering (p. 280)
- BS In Engineering Physics (p. 282)
- Joint BS in Computer Engineering/MS in Electrical and Computer Engineering (p. 284)
- Joint BS in Electrical Engineering/MS in Electrical and Computer Engineering (p. 285)
- Joint BS in Engineering Physics/MS in Electrical and Computer Engineering (p. 286)

Minors

- Minor in Computer Engineering (p. 287)
- Minor in Electrical Engineering (p. 287)

BS in Computer Engineering

Program Codes:
20FQ0109BS

Degree Requirements

To earn a Bachelor of Science in Computer Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Electrical and Computer Engineering degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies. See the ECE Department website for any revisions of the CE curriculum.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		53
Required in the College of Engineering		58
Technical Electives		17
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3

Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics) [b]	4
PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
PHYS 260	Introduction to Thermal Physics	2
CHEM 122	Matter and Energy [c]	3
CHEM 123	Foundations of Chemical Inquiry I [b,c]	2
Total Hours		**53**

a *Students should consult the* General Education *(*p. 86*) section of the catalog for a list of approved courses in this category.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*

Required in the College of Engineering

Code	Title	Hours
Computer Engineering Core Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CS 107	Introduction to Computing and Programming	4
CS 151	Mathematical Foundations of Computing	3
CS 251	Data Structures	4
ECE 115	Introduction to Electrical and Computer Engineering	4
ECE 225	Circuit Analysis	4
ECE 265	Introduction to Logic Design	4
ECE 266	Introduction to Embedded Systems	4
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 333	Computer Communication Networks I	4
ECE 340	Electronics I	4
ECE 341	Probability and Random Processes for Engineers	3
ECE 366	Computer Organization	3
ECE 396	Senior Design I	2
ECE 397	Senior Design II	2
ECE 465	Digital Systems Design	3
ECE 466	Computer Architecture	3
ECE 467	Introduction to VLSI Design	4
ECE 499	Professional Development Seminar	0
Total Hours		**58**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

Technical Electives

No more than a total of two courses below the 400 level may be used to meet the technical elective requirement. Also, at most one course from outside of the Department of Electrical and Computer Engineering or the Department of Computer Science may be used to meet the technical elective requirement.

Code	Title	Hours
Courses		
Select 17 hours from the following:		17
CS 361	Systems Programming	
CS 401	Computer Algorithms I	
ECE 311	Communication Engineering	
ECE 317	Digital Signal Processing I	
ECE 322	Introduction to Electromagnetics and Applications	
ECE 342	Electronics II	
ECE 346	Solid State Device Theory	
ECE 347	Integrated Circuit Engineering	
ECE 350	Principles of Automatic Control	
ECE 407	Pattern Recognition I	
ECE 410	Advanced Circuit Analysis	
ECE 412	Introduction to Filter Synthesis	
ECE 415	Image Analysis and Computer Vision I	
ECE 417	Digital Signal Processing II	
ECE 418	Statistical Digital Signal Processing	
ECE 421	Introduction to Antennas and Wireless Propagation	
ECE 423	Electromagnetic Compatibility	
ECE 424	RF and Microwave Engineering	
ECE 432	Digital Communications	
ECE 434	Multimedia Systems	
ECE 436	Computer Communication Networks II	
ECE 437	Wireless Communications	
ECE 440	Nanoelectronics	
ECE 442	Power Semiconductor Devices and Integrated Circuits	
ECE 445	Analysis and Design of Power Electronic Circuits	
ECE 448	Transistors	
ECE 449	Microdevices and Micromachining Technology	
ECE 451	Control Engineering	
ECE 452	Robotics: Algorithms and Control	
ECE 454	Mechatronic Embedded Systems Design	
ECE 458	Electromechanical Energy Conversion	
ECE 464	Testing and Reliability of Digital Systems	
ECE 468	Analog and Mixed - Signal Integrated Circuits	

ECE 469	Hardware Description Language Based Digital and Computer System Design	
MCS 425	Codes and Cryptography	
MCS 471	Numerical Analysis	
PHYS 240	Fundamentals of Modern Quantum Theory	
STAT 471	Linear and Non-Linear Programming	
Total Hours		**17**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ECE 115	Introduction to Electrical and Computer Engineering	4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**16**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 107	Introduction to Computing and Programming	4
	Hours	**15**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
CS 151	Mathematical Foundations of Computing	3
ECE 265	Introduction to Logic Design	4
General Education Core course		3
	Hours	**17**
Second Semester		
MATH 220	Introduction to Differential Equations	3
PHYS 260	Introduction to Thermal Physics	2
ECE 225	Circuit Analysis	4
ECE 266	Introduction to Embedded Systems	4
CS 251	Data Structures	4
	Hours	**17**
Junior Year		
First Semester		
MATH 218	Applied Linear Algebra	3
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 340	Electronics I	4
ECE 341	Probability and Random Processes for Engineers	3
ECE 366	Computer Organization	3
	Hours	**16**
Second Semester		
ECE 333	Computer Communication Networks I	4
ECE 465	Digital Systems Design	3
ECE 466	Computer Architecture	3
ECE 467	Introduction to VLSI Design	4
General Education Core course		3
	Hours	**17**
Senior Year		
First Semester		
ECE 396	Senior Design I	2
Technical Elective		7
General Education Core course		6
	Hours	**15**
Second Semester		
ECE 397	Senior Design II	2
Technical Electives		10
ECE 499	Professional Development Seminar	0
General Education Core course		3
	Hours	**15**
	Total Hours	**128**

a *ENGR 100 is one-semester-hour course, but does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

BS in Electrical Engineering

Program Codes:
20FQ0115BS

Degree Requirements

To earn a Bachelor of Science in Electrical Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Electrical and Computer Engineering degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies. See the ECE Department website for any revisions of the EE curriculum.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		53
Required in the College of Engineering		58
Technical Electives		17
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics) [b]	4

PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
PHYS 260	Introduction to Thermal Physics	2
CHEM 122	Matter and Energy [b,c]	3
CHEM 123	Foundations of Chemical Inquiry I [b,c]	2
Total Hours		**53**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*

Required in the College of Engineering

Code	Title	Hours
Electrical Engineering Core Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CS 107	Introduction to Computing and Programming	4
ECE 115	Introduction to Electrical and Computer Engineering	4
ECE 225	Circuit Analysis	4
ECE 265	Introduction to Logic Design	4
ECE 266	Introduction to Embedded Systems	4
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 311	Communication Engineering	4
ECE 317	Digital Signal Processing I	4
ECE 322	Introduction to Electromagnetics and Applications	4
ECE 340	Electronics I	4
ECE 341	Probability and Random Processes for Engineers	3
ECE 342	Electronics II	4
ECE 346	Solid State Device Theory	4
ECE 350	Principles of Automatic Control	4
ECE 396	Senior Design I	2
ECE 397	Senior Design II	2
ECE 499	Professional Development Seminar	0
Total Hours		**58**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

Technical Electives

No more than a total of two courses below the 400 level may be used to meet the technical elective requirement. Also, at most one course from outside of the Department of Electrical and Computer Engineering may be used to meet the technical elective requirement.

Code	Title	Hours
Courses		
Select 17 hours from the following:		17
PHYS 240	Fundamentals of Modern Quantum Theory	
ECE 333	Computer Communication Networks I	
ECE 347	Integrated Circuit Engineering	
ECE 366	Computer Organization	
ECE 407	Pattern Recognition I	
ECE 410	Advanced Circuit Analysis	
ECE 412	Introduction to Filter Synthesis	
ECE 415	Image Analysis and Computer Vision I	
ECE 417	Digital Signal Processing II	
ECE 418	Statistical Digital Signal Processing	
ECE 421	Introduction to Antennas and Wireless Propagation	
ECE 423	Electromagnetic Compatibility	
ECE 424	RF and Microwave Engineering	
ECE 432	Digital Communications	
ECE 434	Multimedia Systems	
ECE 436	Computer Communication Networks II	
ECE 437	Wireless Communications	
ECE 440	Nanoelectronics	
ECE 442	Power Semiconductor Devices and Integrated Circuits	
ECE 445	Analysis and Design of Power Electronic Circuits	
ECE 448	Transistors	
ECE 449	Microdevices and Micromachining Technology	
ECE 451	Control Engineering	
ECE 452	Robotics: Algorithms and Control	
ECE 454	Mechatronic Embedded Systems Design	
ECE 458	Electromechanical Energy Conversion	
ECE 464	Testing and Reliability of Digital Systems	
ECE 465	Digital Systems Design	
ECE 466	Computer Architecture	
ECE 467	Introduction to VLSI Design	
ECE 468	Analog and Mixed - Signal Integrated Circuits	
ECE 469	Hardware Description Language Based Digital and Computer System Design	
MCS 425	Codes and Cryptography	
MCS 471	Numerical Analysis	
STAT 471	Linear and Non-Linear Programming	
Total Hours		**17**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4

CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ECE 115	Introduction to Electrical and Computer Engineering	4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**16**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 107	Introduction to Computing and Programming	4
General Education Core course		3
	Hours	**18**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
PHYS 260	Introduction to Thermal Physics	2
ECE 265	Introduction to Logic Design	4
General Education Core course		3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
ECE 225	Circuit Analysis	4
ECE 266	Introduction to Embedded Systems	4
ECE 341	Probability and Random Processes for Engineers	3
	Hours	**17**
Junior Year		
First Semester		
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 322	Introduction to Electromagnetics and Applications	4
ECE 340	Electronics I	4
ECE 346	Solid State Device Theory	4
	Hours	**15**
Second Semester		
ECE 311	Communication Engineering	4
ECE 317	Digital Signal Processing I	4
ECE 342	Electronics II	4
General Education Core course		6
	Hours	**18**
Senior Year		
First Semester		
ECE 396	Senior Design I	2
ECE 350	Principles of Automatic Control	4
Technical Electives		4
General Education Core course		3
	Hours	**13**
Second Semester		
ECE 397	Senior Design II	2
ECE 499	Professional Development Seminar	0
Technical Electives		13
	Hours	**15**
	Total Hours	**128**

a *ENGR 100 is one-semester-hour course, but does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

BS in Engineering Physics

Program Codes:
20FQ0121BS

Degree Requirements

To earn a Bachelor of Science in Engineering Physics degree from UIC, students need to complete university and college degree requirements. The course requirements for this program are outlined below. Students should consult the College of Engineering section for additional degree requirements and college academic policies. See the ECE Department website for revisions to the Engineering Physics curriculum.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		72
Required in the College of Engineering		44
Mathematics-Related Elective		3
Technical Electives		9
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics) [b]	4
PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
PHYS 215	Computational and Mathematical Methods for the Physical Sciences	4
PHYS 240	Fundamentals of Modern Quantum Theory	3
PHYS 245	Introduction to Vibrations, Waves, and Thermal Physics	4
PHYS 411	Quantum Mechanics I	4
PHYS 441	Theoretical Mechanics	4
PHYS 481	Modern Experimental Physics I	4
PHYS 499	Survey of Physics Problems	1
CHEM 122	Matter and Energy [c]	3
CHEM 123	Foundations of Chemical Inquiry I [b,c]	2
Total Hours		**72**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*
b *This course is approved for the Analyzing the Natural World General Education category.*
c *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CME 260	Properties of Materials	3
CS 107	Introduction to Computing and Programming	4
ECE 115	Introduction to Electrical and Computer Engineering	4
ECE 225	Circuit Analysis	4
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 322	Introduction to Electromagnetics and Applications	4
ECE 346	Solid State Device Theory	4
ECE 421	Introduction to Antennas and Wireless Propagation	3
ECE 440	Nanoelectronics	3
ECE 396	Senior Design I	2
ECE 397	Senior Design II	2
BME/PHYS 450	Molecular Biophysics of the Cell	4
ME 211	Fluid Mechanics I	4
ECE 499	Professional Development Seminar	0
Total Hours		**44**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

Mathematics-Related Elective

Code	Title	Hours
Courses		
Select one of the following:		**3**
MATH 218	Applied Linear Algebra	
MATH 417	Complex Analysis with Applications	
MATH 480	Applied Differential Equations	
MATH 481	Applied Partial Differential Equations	
MCS 471	Numerical Analysis	
ECE 341	Probability and Random Processes for Engineers	
Total Hours		**3**

Technical Electives

Code	Title	Hours
Courses		
Select 9 semester hours from a list of technical electives available from the advisor. At most, one 200-level course can be used as a technical elective if said course meets the following two criteria: (a) it is a prerequisite for a 300-level or higher course, and (b) it is outside the ECE or PHYS department. These courses should be selected in consultation with the advisor and should be chosen from approved sequences in the following areas. In addition, at most, one course from outside of the major rubric (ECE or PHYS) may be used to meet the technical elective requirement.		9
Biomedical Engineering		
Civil and Materials Engineering		
Chemical Engineering Design		
Chemical Engineering, Multiphase Transport Phenomena		
Chemical Engineering, Chemical Processes		
Computer Science		
Electrical and Computer Engineering, Circuits and VLSI		
Electrical and Computer Engineering, Communications and Signal and Processing		
Electrical and Computer Engineering, Solid State, MEMS, and Nanotechnology		
Electromagnetics and Optics		
Mechanical Engineering, Thermal/Fluid Science		
Mechanical Engineering, Mechanical Systems		
Modern Physics		
Total Hours		**9**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ECE 115	Introduction to Electrical and Computer Engineering	4
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**16**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
CS 107	Introduction to Computing and Programming	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
General Education Core course		3
	Hours	**18**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
CME 260	Properties of Materials	3
Math Elective		3
General Education Core course		3
	Hours	**16**

Second Semester		
ECE 225	Circuit Analysis	4
MATH 220	Introduction to Differential Equations	3
PHYS 240	Fundamentals of Modern Quantum Theory	3
PHYS 245	Introduction to Vibrations, Waves, and Thermal Physics	4
General Education Core course		3
	Hours	**17**
Junior Year		
First Semester		
PHYS 215	Computational and Mathematical Methods for the Physical Sciences	4
PHYS 481	Modern Experimental Physics I	4
PHYS 499	Survey of Physics Problems	1
ECE 346	Solid State Device Theory	4
ME 211	Fluid Mechanics I	4
	Hours	**17**
Second Semester		
PHYS 441	Theoretical Mechanics	4
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 322	Introduction to Electromagnetics and Applications	4
Technical Elective		3
General Education Core course		3
	Hours	**17**
Senior Year		
First Semester		
PHYS 411	Quantum Mechanics I	4
ECE 396	Senior Design I	2
ECE 421	Introduction to Antennas and Wireless Propagation	3
ECE 440	Nanoelectronics	3-4
Technical Elective		3
	Hours	**15-16**
Second Semester		
BME 450	Molecular Biophysics of the Cell	4
ECE 397	Senior Design II	2
ECE 499	Professional Development Seminar	0
Technical Elective		3
General Education Core course		3
	Hours	**12**
	Total Hours	**128**

a *ENGR 100 is one-semester-hour course, but does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

Joint BS in Computer Engineering/MS in Electrical and Computer Engineering

Degree Requirements

The joint Bachelor of Science in Computer Engineering (BSCE) and Master of Science in Electrical and Computer Engineering (MSECE) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in electrical and computer engineering, or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a 4 BSCE degree and an MSECE degree upon completion of the program, with 8 hours of coursework shared between the two degrees.

The requirements for completion of the joint degree program are identical to the completion of the two separate degrees; however, 8 hours of shared coursework may be used for both degrees. Completion of 120 semester hours at the undergraduate level (p. 278); plus 8 shared hours counting toward both degrees; plus 28 hours at the graduate level will result in joint BSCE/MSECE degrees.

Students who have completed at least 30 hours of ECE core courses and have an overall institutional GPA of 3.25 or higher can apply for the joint program. Undergraduate students admitted into the joint program can register for two technical-elective ECE courses and receive graduate credit for them. In taking 400- level courses as graduate-level courses, students may take advantage of differential credit to earn 4 hours (in each course respectively), instead of the typical 3 hours (or they may earn 5 hours if the course is already a 4-hour course with a laboratory component). These two courses, which may apply up to 8 hours to both degrees, will require pre-approval by an academic advisor and will be recorded in the student's academic record by the ECE Student Affairs Office; in addition, the ECE Student Affairs Office will submit the necessary paperwork to allow the undergraduate student to register for the graduate section of these courses that will be used at the undergraduate level to fulfill 8 hours of technical elective requirements, and at the graduate-level to fulfill required coursework for the MS course-only option.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ECE 115	Introduction to Electrical and Computer Engineering	4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**16**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 107	Introduction to Computing and Programming	4
	Hours	**15**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
CS 151	Mathematical Foundations of Computing	3
ECE 265	Introduction to Logic Design	4
General Education Core course		3
	Hours	**17**
Second Semester		
MATH 220	Introduction to Differential Equations	3
PHYS 260	Introduction to Thermal Physics	2
ECE 225	Circuit Analysis	4
ECE 266	Introduction to Embedded Systems	4
CS 251	Data Structures	4
	Hours	**17**

Junior Year		
First Semester		
MATH 218	Applied Linear Algebra	3
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 340	Electronics I	4
ECE 341	Probability and Random Processes for Engineers	3
ECE 366	Computer Organization	3
	Hours	**16**
Second Semester		
ECE 333	Computer Communication Networks I	4
ECE 465	Digital Systems Design	3
ECE 466	Computer Architecture	3
ECE 467	Introduction to VLSI Design	4
General Education Core courses		3
	Hours	**17**
Senior Year		
First Semester		
ECE 396	Senior Design I	2
Technical Electives		7
General Education Core courses		6
	Hours	**15**
Second Semester		
ECE 397	Senior Design II	2
ECE 499	Professional Development Seminar	0
Technical Electives		10
General Education Core course		3
	Hours	**15**
Fifth Year		
First Semester		
MS Coursework		14
	Hours	**14**
Second Semester		
MS Coursework		14
	Hours	**14**
	Total Hours	**156**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

Joint BS in Electrical Engineering/ MS in Electrical and Computer Engineering

Degree Requirements

The joint Bachelor of Science in Electrical Engineering (BSEE) and Master of Science in Electrical and Computer Engineering (MSECE) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in electrical and computer engineering, or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a BSEE degree and an MSECE degree upon completion of the program, with 8 hours of coursework shared between the two degrees.

The requirements for completion of the joint degree are identical to the completion of these two separate degrees; however, there are 8 hours of shared coursework may be used for both degrees. Completion of 120 semester hours at the undergraduate level; plus 8 shared hours counting toward both degrees; plus 28 semester hours at the graduate level will result in joint BSEE/MSECE degree.

Students who have completed at least 30 hours of ECE core courses and have an overall institutional GPA of 3.25/4.00 or higher can apply for the joint program. Undergraduate students admitted into the joint program can register for two technical-elective ECE courses and receive graduate credit for them. In taking 400-level courses as graduate-level courses, students may take advantage of differential credit to earn 4 hours (in each course respectively) instead of the typical 3 hours (or they may earn 5 hours if the course is already a 4-hour course with a laboratory component). These two courses designated for credit in both degrees will require pre-approval by an academic advisor and will be recorded in the student's academic record by the ECE Student Affairs Office; in addition, the ECE Student Affairs Office will submit the necessary paperwork to allow the undergraduate student to register for the graduate section of these courses that will be used at the undergraduate level to fulfill 8 hours of technical elective requirements, and at the graduate level to fulfill required coursework for the MS course-only option.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ECE 115	Introduction to Electrical and Computer Engineering	4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**16**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 107	Introduction to Computing and Programming	4
General Education Core course		3
	Hours	**18**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
PHYS 260	Introduction to Thermal Physics	2
ECE 265	Introduction to Logic Design	4
General Education Core course		3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
ECE 225	Circuit Analysis	4
ECE 266	Introduction to Embedded Systems	4
ECE 341	Probability and Random Processes for Engineers	3
	Hours	**17**
Junior Year		
First Semester		
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 322	Introduction to Electromagnetics and Applications	4
ECE 340	Electronics I	4
ECE 346	Solid State Device Theory	4
	Hours	**15**

Second Semester		
ECE 311	Communication Engineering	4
ECE 317	Digital Signal Processing I	4
ECE 342	Electronics II	4
General Education Core courses		6
	Hours	**18**
Senior Year		
First Semester		
ECE 396	Senior Design I	2
ECE 350	Principles of Automatic Control	4
Technical Electives		5
General Education Core course		3
	Hours	**14**
Second Semester		
ECE 397	Senior Design II	2
ECE 499	Professional Development Seminar	0
Technical Electives		12
	Hours	**14**
Fifth Year		
First Semester		
MS Coursework		14
	Hours	**14**
Second Semester		
MS Coursework		14
	Hours	**14**
	Total Hours	**156**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

Joint BS in Engineering Physics/ MS in Electrical and Computer Engineering

Degree Requirements

The joint Bachelor of Science in Engineering Physics (BSEP) and Master of Science in Electrical and Computer Engineering (MSECE) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in electrical and computer engineering, or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a BSEP degree and an MSECE degree upon completion of the program, with 8 hours of coursework shared between the two degrees.

The requirements for completion of the joint degree program are identical to the completion of these two separate degrees; however, 8 shared hours counting towards both degrees. Completion of 120 semester hours at the undergraduate level; plus 8 hours counting toward both degrees; plus 28 hours at the graduate level will result in joint BSEP/MSECE degrees.

Students who have completed at least 30 hours of ECE core courses and have an overall institutional GPA of 3.25 or higher can apply for the joint program. Undergraduate students admitted into the joint program can register for two technical-elective ECE courses and receive graduate credit for them. In taking 400-level courses as graduate-level courses, students may take advantage of differential credit to earn 4 hours (in each course respectively), instead of the typical 3 hours (or they may earn 5 hours if the course is already a 4-hour course with a laboratory component). These two courses, which may apply up to 8 hours to both degrees, will require pre-approval by an academic advisor and will be recorded in the student's academic record by the ECE Student Affairs Office; in addition, the ECE Student Affairs Office will submit the necessary paperwork to allow the undergraduate student to register for the graduate section of these courses that will be used at the undergraduate level to fulfill 8 hours of technical elective requirements, and at the graduate level to fulfill required coursework for the MS course-only option.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ECE 115	Introduction to Electrical and Computer Engineering	4
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**16**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
CS 107	Introduction to Computing and Programming	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
General Education Core course		3
	Hours	**18**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
CME 260	Properties of Materials	3
ME 211	Fluid Mechanics I	4
General Education Core course		3
	Hours	**17**
Second Semester		
MATH 220	Introduction to Differential Equations	3
PHYS 240	Fundamentals of Modern Quantum Theory	3
PHYS 245	Introduction to Vibrations, Waves, and Thermal Physics	4
Math Elective		3
General Education Core course		3
	Hours	**16**
Junior Year		
First Semester		
PHYS 215	Computational and Mathematical Methods for the Physical Sciences	4
PHYS 481	Modern Experimental Physics I	4
PHYS 499	Survey of Physics Problems	1
ECE 225	Circuit Analysis	4
ECE 346	Solid State Device Theory	4
	Hours	**17**
Second Semester		
PHYS 441	Theoretical Mechanics	4
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 322	Introduction to Electromagnetics and Applications	4
ECE 440	Nanoelectronics	3

General Education Core course		3
	Hours	**17**
Senior Year		
First Semester		
PHYS 411	Quantum Mechanics I	4
ECE 396	Senior Design I	2
ECE 421	Introduction to Antennas and Wireless Propagation	3
Technical Elective		3
General Education Core course		3
	Hours	**15**
Second Semester		
BME 450	Molecular Biophysics of the Cell	4
ECE 397	Senior Design II	2
ECE 499	Professional Development Seminar	0
Technical Elective		3
Technical Elective		3
	Hours	**12**
Fifth Year		
First Semester		
MS Coursework		14
	Hours	**14**
Second Semester		
MS Coursework		14
	Hours	**14**
	Total Hours	**156**

a *ENGR 100 is a one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*

Minor in Computer Engineering

Requirements for the Minor

For the minor, 18 semester hours are required, excluding prerequisite courses. Students outside the Department of Electrical and Computer Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics)	4
PHYS 142	General Physics II (Electricity and Magnetism)	4
CS 107	Introduction to Computing and Programming	4
ECE 115	Introduction to Electrical and Computer Engineering	4
Total Hours		**30**

Code	Title	Hours
Required Courses		
ECE 225	Circuit Analysis	4
ECE 265	Introduction to Logic Design	4
ECE 266	Introduction to Embedded Systems	4
ECE 366	Computer Organization	3
CS 211	Programming Practicum	3
Total Hours		**18**

Minor in Electrical Engineering

Requirements for the Minor

For the minor, 19 semester hours are required, excluding prerequisite courses. Students outside the Department of Electrical and Computer Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
PHYS 141	General Physics I (Mechanics)	4
PHYS 142	General Physics II (Electricity and Magnetism)	4
ECE 115	Introduction to Electrical and Computer Engineering	4
Total Hours		**26**

Code	Title	Hours
Required Courses		
ECE 225	Circuit Analysis	4
ECE 265	Introduction to Logic Design	4
ECE 310	Discrete and Continuous Signals and Systems	3
ECE 322	Introduction to Electromagnetics and Applications	4
ECE 340	Electronics I	4
Total Hours		**19**

Department of Mechanical and Industrial Engineering

Contact Information:
Campus Location: 2039 Engineering Research Facility (ERF),
Student Services: Undergraduate Engineering Office, 123 Science and Engineering Offices (SEO)
(312) 996–5317, Student Services (312) 996-3463

Administration:
Department Head, Houshang Darabi, hdarabi@uic.edu (312) 996-1154
Director of Undergraduate Studies, Jonathan Komperda, jonk@uic.edu, (312) 355-2327
Undergraduate Coordinator: Stacie Scott, stacies@uic.edu, (312) 996-5317

The Department of Mechanical and Industrial Engineering offers both fundamental and advanced courses that prepare students for careers in the engineering profession or for advanced study at the graduate level. The department offers Bachelor of Science degrees in Mechanical Engineering, Industrial Engineering, and Engineering Management. All programs are offered in an economically thriving, industrialized, and

world-class city. The campus is located in the heart of Chicago, and has a diverse student body in a leading-edge research environment.

Accreditation

The Department of Mechanical and Industrial Engineering offers two programs accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology. These degrees are the Bachelor of Science in Mechanical Engineering and Bachelor of Science in Industrial Engineering.

Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology
415 North Charles Street
Baltimore, Maryland 21201
(410) 347-7700

BS in Mechanical Engineering

Mechanical engineering is essential to a wide range of activities that include the design, development, manufacture, management, and control of engineering systems, subsystems, and their components. Typically mechanical engineers are employed in a wide range of industries, such as manufacturing, power, aerospace, automotive, materials, and processing industries. As a result of the recent rapid expansion of technology, mechanical engineers also have become increasingly involved in computer-aided design and visualization; robotics; bioengineering; environmental engineering; solar, wind, and ocean energy sources; and space exploration. The breadth of the field provides the graduate with many possibilities for a satisfying career.

The program has been developed to provide students with a broad base on which to build a successful mechanical engineering career. Courses are offered in the mechanical design and thermal fluid science fields. Topics covered in mechanical design include kinematics, mechanisms, stress analysis, dynamic systems, material properties, CAD/CAM, dynamics, vibrations, mechatronics, microelectrical mechanical systems (MEMS), and control theory. Courses offered in the thermal fluid sciences include thermodynamics, heat transfer, and combustion. These courses provide a basis for all types of power applications, including internal combustion engines, nuclear reactors, heating systems, refrigeration systems, and solar power. The program also emphasizes computer applications, professional ethics, communication skills, ability to work in a multidisciplinary team, awareness of broad education, lifelong learning, and contemporary issues.

The objectives of the Bachelor of Science in Mechanical Engineering can be found online.

BS in Industrial Engineering

Industrial engineering is concerned with the design, improvement, and installation of integrated systems of people, material, and equipment. The Industrial Engineering program gives knowledge of principles and methods in engineering design, physical sciences, and social sciences. This knowledge then is used to specify, predict, and evaluate systems. By collecting, analyzing, and arranging such knowledge, industrial engineers enable management to utilize resources effectively and efficiently.

In order to design and operate complex systems, the industrial engineer must acquire comprehensive knowledge in the following areas: manufacturing engineering; production engineering; systems engineering; and human factors, maintenance, and safety engineering.

Manufacturing engineering is involved with planning and selecting manufacturing methods, with designing and developing manufacturing equipment, and with increasing the efficiency and productivity of current manufacturing technologies as well as creating new ones. Manufacturing engineers use materials science, metal cutting and forming theories, stochastic-dynamic models, principles of numerical and adaptive control, engineering statistics, and other physical sciences to solve manufacturing problems. A new area in manufacturing is virtual manufacturing, which combines virtual reality techniques, factory design, equipment design, training, and contamination control in industrial applications.

Production engineering deals with the analysis, design, installation, and maintenance of operational and management systems involved in the production and distribution of goods and services. Such topics as quality control, production scheduling, production planning, inventory control, and maintenance policy are included in this area.

Systems engineering involves the theory and practice of modeling a general system design. The systems engineer develops mathematical, statistical, and computer models of complex systems to predict how a design or policy change will affect the real world. Human factors, maintenance, and safety engineering deal with the problems caused by the interaction of complex man-machine systems. The engineers in this area apply knowledge about sensory, perceptual, and mental characteristics in the engineering design of equipment and facilities to ensure worker comfort and safety.

Because the training of industrial engineers is so broad, they are in demand not only in all types of industry but also in service organizations, such as hospitals, banks, insurance companies, and research laboratories.

The program also emphasizes computer applications, professional ethics, communication skills, ability to work in a multidisciplinary team and awareness of broad education, lifelong learning, and contemporary issues.

The objectives of the Bachelor of Science in Industrial Engineering can be found online.

BS in Engineering Management

The College of Engineering and the College of Business Administration offer a joint program in engineering management that allows students latitude to study in both the business administration and engineering disciplines. This program prepares students to begin careers that may lead to administrative, staff, or management positions in small technological engineering or manufacturing operations or positions as production supervisors, administration staff, or managers of departments in large technological organizations. The program also prepares students for careers in large nontechnological organizations such as banks, which may require a combination of engineering and management experiences.

The Bachelor of Science in Engineering Management is awarded by the College of Engineering. Entrance requirements are the same as for the College of Engineering.

To complete the required 128 semester hours of university credit, students take required courses in engineering as well as courses in business administration, including accounting, finance, marketing, economics, and management. Additionally, there are required courses in English composition, mathematics, chemistry, and physics. Engineering courses are chosen from courses acceptable for other students in the

College of Engineering. No more than 32 hours may be taken in courses offered by the College of Business Administration.

Accreditation

- The industrial engineering program at UIC is accredited by the Engineering Accreditation Commission of ABET.
- The mechanical engineering program at UIC is accredited by the Engineering Accreditation Commission of ABET.

Degree Programs

- BS in Mechanical Engineering (p. 289)
- BS in Industrial Engineering (p. 291)
- BS in Engineering Management (p. 292)
- Joint Degrees with the BS in Industrial Engineering (p. 295)
- Joint Degrees with the BS in Mechanical Engineering (p. 297)

Minors

- Minor in Mechanical Engineering (p. 294)
- Minor in Industrial Engineering (p. 294)

BS in Mechanical Engineering

Program Codes:
20FQ0133BS

Degree Requirements

To earn a Bachelor of Science in Mechanical Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Mechanical and Industrial Engineering degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		51
Required in the College of Engineering		62
Technical Electives		12
Electives outside the Required Major Rubric		3
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 220	Introduction to Differential Equations	3
CHEM 122	Matter and Energy [c]	3
CHEM 123	Foundations of Chemical Inquiry I [b,c]	2
PHYS 141	General Physics I (Mechanics)	4
PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
MATH 218	Applied Linear Algebra	3
Total Hours		**51**

a *Students should consult the General Education (p. 86) section of the catalog for a list of approved courses in this category.*
b *This course is approved for the Analyzing the Natural World General Education category.*
c *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CME 201	Statics	3
CME 203	Strength of Materials	3
CS 109	Programming for Engineers with MatLab	3
ECE 210	Electrical Circuit Analysis	3
IE 201	Financial Engineering	3
ME 205	Introduction to Thermodynamics	3
ME 210	Engineering Dynamics	3
ME 211	Fluid Mechanics I	4
ME 250	Introduction to Engineering Design and Graphics	3
ME 312	Dynamic Systems and Control	3
ME 320	Mechanisms and Dynamics of Machinery	3
ME 321	Heat Transfer	4
ME 328	Numerical Methods in Mechanical Engineering	3
ME 341	Experimental Methods in Mechanical Engineering	3
IE 342	Probability and Statistics for Engineers	3
ME 347	Engineering Design and Graphics with Computer-Aided Design and Simulation	3
ME 370	Mechanical Engineering Design	3
ME 380	Materials and Manufacturing Process Principles	3
ME 396	Senior Design I [b]	3
ME 397	Senior Design II [b]	3
ME 499	Professional Development Seminar	0
Total Hours		**62**

a *ENGR 100 and ENGR 101 are one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*
b *The ME 444 and ME 445 year-long course sequence satisfies the capstone requirement for ME 396 and ME 397.*

Technical Electives

Code	Title	Hours
Courses		
Select four courses from the following (a maximum of two courses allowed outside of ME):		12
ME 308	Mechanical Vibrations	
ME 325	Intermediate Thermodynamics	
ME 348	Artificial Intelligence and Data Mining for Engineering Applications	
ME 392	Undergraduate Research	
ECE 458	Electromechanical Energy Conversion	
CME 434	Finite Element Analysis I	
IE 411	Mechatronics I	
IE 412	Dynamic Systems Analysis I	
IE 441	Ergonomics and Human Factors	
IE 442	Design and Analysis of Experiments in Engineering	
IE 446	Advanced Quality Control and Reliability	
IE 481	Additive Manufacturing Process	
IE 494	Special Topics in Industrial Engineering	
Or any 400-level ME course not required above		
Total Hours		**12**

Electives Outside the Required Major Rubric

Code	Title	Hours
Electives		
Electives outside the required ME Rubric courses listed above [a]		3
Total Hours		**3**

a *The outside elective may be any course that is not lower than, or equivalent to, a course required to complete the degree. Additional ME courses, non-ME courses, courses from other majors, and extra technical electives are allowed. For clarification, students should discuss course selection with their faculty advisor.*

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ME 250	Introduction to Engineering Design and Graphics	3
General Education Core course		3
	Hours	**18**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 109	Programming for Engineers with MatLab	3
General Education Core Course		3
	Hours	**17**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
IE 201	Financial Engineering	3
CME 201	Statics	3
ECE 210	Electrical Circuit Analysis	3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
CME 203	Strength of Materials	3
ME 205	Introduction to Thermodynamics	3
ME 210	Engineering Dynamics	3
	Hours	**15**
Junior Year		
First Semester		
ME 211	Fluid Mechanics I	4
ME 320	Mechanisms and Dynamics of Machinery	3
ME 347	Engineering Design and Graphics with Computer-Aided Design and Simulation	3
ME 380	Materials and Manufacturing Process Principles	3
General Education Core course		3
	Hours	**16**
Second Semester		
ME 321	Heat Transfer	4
ME 328	Numerical Methods in Mechanical Engineering	3
ME 370	Mechanical Engineering Design	3
Technical Elective		3
General Education Core course		3
	Hours	**16**
Senior Year		
First Semester		
ME 312	Dynamic Systems and Control	3
ME 396	Senior Design I [b]	3
IE 342	Probability and Statistics for Engineers	3
Elective Outside the Required Major Rubric		3
Technical Elective		3
	Hours	**15**
Second Semester		
ME 341	Experimental Methods in Mechanical Engineering	3
ME 397	Senior Design II [b]	3
ME 499	Professional Development Seminar [c]	0
General Education Core course		3
Technical Elective		3
Technical Elective		3
	Hours	**15**
	Total Hours	**128**

a *ENGR 100 is one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take ENGR 101 within the first semester after enrolling.*
b *ME 396 is only offered fall semester. ME 397 is only offered spring semester.*

c *ME 499 must be taken final semester.*

BS in Industrial Engineering

Program Codes:
20FQ0127BS

Degree Requirements

To earn a Bachelor of Science in Industrial Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Mechanical and Industrial Engineering degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		56
Required in the College of Engineering		57
Technical Electives		12
Electives outside the Required Major Rubric		3
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding the Individual and Society course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
CHEM 122	Matter and Energy [b,c]	3
CHEM 123	Foundations of Chemical Inquiry I [b,c]	2
PHYS 141	General Physics I (Mechanics) [b]	4
PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
MGMT 340	Introduction to Organizations	3
STAT 362	Elements of Statistical Computing	2
Total Hours		**56**

a *Students should consult the General Education (p. 86) section of the catalog for a list of approved courses in this category.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CME 201	Statics	3
CME 203	Strength of Materials	3
CS 109	Programming for Engineers with MatLab	3
ECE 210	Electrical Circuit Analysis	3
IE 201	Financial Engineering	3
IE 342	Probability and Statistics for Engineers	3
IE 345	Regression Applications and Forecasting in Engineering	3
IE 348	Artificial Intelligence and Data Mining for Engineering Applications	3
IE 365	Work Productivity Analysis	4
IE 380	Materials and Manufacturing Process Principles	3
IE 396	Senior Design I [b]	3
IE 397	Senior Design II [b]	2
IE 442	Design and Analysis of Experiments in Engineering	3
IE 463	Manufacturing Facilities Design and Material Handling	3
IE 466	Production Operation Analytics and Inventory Control	3
IE 467	Discrete Event Computer Simulation Application	3
IE 471	Operations Research I	3
IE 472	Operations Research II	3
ME 250	Introduction to Engineering Design and Graphics	3
IE 499	Professional Development Seminar	0
Total Hours		**57**

a *ENGR 100 and ENGR 101 are a one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

b *The IE 444 and IE 445 year-long course sequence satisfies the capstone requirement for IE 396 and IE 397.*

Technical Electives

Code	Title	Hours
Courses		
Select four of the following courses (a maximum of two courses allowed outside of IE):		12
IE 392	Undergraduate Research	
ME 205	Introduction to Thermodynamics	
ME 210	Engineering Dynamics	

	ME 347	Engineering Design and Graphics with Computer-Aided Design and Simulation
	ME 401	Applied Stress Analysis I
	ME 410	Automation and Robotics Applications
	ME 411	Mechatronics I
	ME 412	Dynamic Systems Analysis I
	ME 481	Additive Manufacturing Process
	ME 494	Special Topics in Mechanical Engineering
	Any IE course at the 400 level not required above	
Total Hours		**12**

Electives Outside the Required Major Rubric

Code	Title	Hours
Electives		
Electives outside the required IE Rubric courses listed above [a]		3
Total Hours		**3**

a *The outside elective may be any course that is not lower than, or equivalent to, a course required to complete the degree. Additional IE courses, non-IE courses, courses from other majors, and extra tech electives are allowed. For clarification, students should discuss course selection with their faculty advisor.*

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
ME 250	Introduction to Engineering Design and Graphics	3
General Education Core course		3
	Hours	**18**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 109	Programming for Engineers with MatLab	3
General Education Core course		3
	Hours	**17**
Sophomore Year		
First Semester		
PHYS 142	General Physics II (Electricity and Magnetism)	4
IE 201	Financial Engineering	3
CME 201	Statics	3
MATH 210	Calculus III	3
ECE 210	Electrical Circuit Analysis	3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
CME 203	Strength of Materials	3
IE 342	Probability and Statistics for Engineers	3
General Education Core course		3
	Hours	**15**
Junior Year		
First Semester		
IE 471	Operations Research I	3
IE 345	Regression Applications and Forecasting in Engineering	3
IE 348	Artificial Intelligence and Data Mining for Engineering Applications	3
IE 365	Work Productivity Analysis	4
General Education Core course		3
	Hours	**16**
Second Semester		
IE 442	Design and Analysis of Experiments in Engineering	3
IE 472	Operations Research II	3
STAT 362	Elements of Statistical Computing	2
Technical Elective		3
Elective Outside the Required Major Rubric		3
MGMT 340	Introduction to Organizations	3
	Hours	**17**
Senior Year		
First Semester		
IE 380	Materials and Manufacturing Process Principles	3
IE 396	Senior Design I [b]	3
IE 467	Discrete Event Computer Simulation Application	3
Technical Elective		3
Technical Elective		3
	Hours	**15**
Second Semester		
IE 397	Senior Design II [b]	2
IE 463	Manufacturing Facilities Design and Material Handling	3
IE 466	Production Operation Analytics and Inventory Control	3
IE 499	Professional Development Seminar [c]	0
Technical Elective		3
General Education Core course		3
	Hours	**14**
	Total Hours	**128**

a *ENGR 100 is one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

b *IE 396 is only offered fall semesters. IE 397 is only offered spring semesters.*

c *IE 499 must be taken the final semester of study.*

BS in Engineering Management

Program Codes:
20FQ1217BS

Degree Requirements

To earn a Bachelor of Science in Engineering Management degree from UIC, students need to complete university, college, and department degree requirements. The Department of Mechanical and Industrial Engineering degree requirements are outlined below. Students should consult the College of Engineering (p. 223) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Nonengineering and General Education Requirements		74
Required in the College of Engineering		52
Elective outside the Major Rubric		2
Total Hours		**128**

Nonengineering and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Understanding the Past course [a]		3
Understanding the Creative Arts course [a]		3
Exploring World Cultures course [a]		3
MATH 180	Calculus I [b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 218	Applied Linear Algebra	3
CHEM 122	Matter and Energy [e]	3
CHEM 123	Foundations of Chemical Inquiry I [b,e]	2
PHYS 141	General Physics I (Mechanics) [b]	4
PHYS 142	General Physics II (Electricity and Magnetism) [b]	4
ACTG 210	Introduction to Financial Accounting	3
ACTG 211	Introduction to Managerial Accounting	3
ECON 120	Principles of Microeconomics [c,d]	4
ECON 121	Principles of Macroeconomics [c,d]	4
FIN 300	Introduction to Finance	3
MGMT 340	Introduction to Organizations	3
MGMT 350	Business and Its External Environment	3
MKTG 360	Introduction to Marketing	3
MGMT 495	Competitive Strategy	4
STAT 362	Elements of Statistical Computing	2
Total Hours		**74**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *This course is approved for the Understanding the Individual and Society General Education category.*

d *This course is approved for the Understanding U.S. Society General Education category.*

e *General Education credit is given for successful completion of both CHEM 122 and CHEM 123.*

Required in the College of Engineering

Code	Title	Hours
Required Courses		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
or ENGR 101	Engineering Success Seminar for Transfer Students	
CME 201	Statics	3
CME 203	Strength of Materials	3
CS 109	Programming for Engineers with MatLab	3
IE 201	Financial Engineering	3
IE 342	Probability and Statistics for Engineers	3
IE 345	Regression Applications and Forecasting in Engineering	3
IE 365	Work Productivity Analysis	4
IE 380	Materials and Manufacturing Process Principles	3
IE 442	Design and Analysis of Experiments in Engineering	3
IE 446	Advanced Quality Control and Reliability	3
IE 461	Safety Engineering	3
IE 463	Manufacturing Facilities Design and Material Handling	3
IE 466	Production Operation Analytics and Inventory Control	3
IE 467	Discrete Event Computer Simulation Application	3
IE 471	Operations Research I	3
IE 472	Operations Research II	3
IE 473	Stochastic Processes and Queuing Models	3
IE 499	Professional Development Seminar	0
Total Hours		**52**

a *ENGR 100 and ENGR 101 are a one-semester-hour courses, but the hour does not count toward the total hours required for graduation.*

Elective outside the Major Rubric

Code	Title	Hours
Electives		
Elective outside the IE Rubric and College of Business Administration		2
Total Hours		**2**

Sample Course Schedule— Engineering Management

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2

ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ECON 120	Principles of Microeconomics	4
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
	Hours	**16**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
ECON 121	Principles of Macroeconomics	4
	Hours	**15**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
IE 201	Financial Engineering	3
ACTG 210	Introduction to Financial Accounting	3
CS 109	Programming for Engineers with MatLab	3
	Hours	**16**
Second Semester		
ACTG 211	Introduction to Managerial Accounting	3
CME 201	Statics	3
IE 342	Probability and Statistics for Engineers	3
MGMT 340	Introduction to Organizations	3
MKTG 360	Introduction to Marketing	3
	Hours	**15**
Junior Year		
First Semester		
MATH 218	Applied Linear Algebra	3
IE 345	Regression Applications and Forecasting in Engineering	3
IE 365	Work Productivity Analysis	4
CME 203	Strength of Materials	3
General Education Core course		3
	Hours	**16**
Second Semester		
IE 380	Materials and Manufacturing Process Principles	3
IE 442	Design and Analysis of Experiments in Engineering	3
IE 446	Advanced Quality Control and Reliability	3
FIN 300	Introduction to Finance	3
STAT 362	Elements of Statistical Computing	2
General Education Core course		3
	Hours	**17**
Senior Year		
First Semester		
IE 461	Safety Engineering	3
IE 467	Discrete Event Computer Simulation Application	3
IE 471	Operations Research I	3
IE 473	Stochastic Processes and Queuing Models	3
MGMT 350	Business and Its External Environment	3
General Education Core course		3
	Hours	**18**
Second Semester		
MGMT 495	Competitive Strategy	4
IE 463	Manufacturing Facilities Design and Material Handling	3
IE 466	Production Operation Analytics and Inventory Control	3
IE 472	Operations Research II	3
IE 499	Professional Development Seminar	0
Elective outside Major Rubric		2
	Hours	**15**
	Total Hours	**128**

a *ENGR 100 is one-semester-hour course, but the hour does not count toward the total hours required for graduation. Students who transfer into the College of Engineering will take* ENGR 101 *within the first semester after enrolling.*

Minor in Mechanical Engineering

Requirements for the Minor

For the minor, 16–18 semester hours are required, excluding prerequisite courses. Students not majoring in Mechanical Engineering who wish to minor in Mechanical Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
CS 111	Program Design I	3
CME 201	Statics	3
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 220	Introduction to Differential Equations	3
ME 205	Introduction to Thermodynamics	3
or CHE 201	Introduction To Thermodynamics	
PHYS 141	General Physics I (Mechanics)	4
Total Hours		**27**

Code	Title	Hours
Required Courses		
CME 203	Strength of Materials	3
ME 210	Engineering Dynamics	3
ME 211	Fluid Mechanics I	4
Select two of the following:		6-8
ME 308	Mechanical Vibrations	
ME 312	Dynamic Systems and Control	
ME 320	Mechanisms and Dynamics of Machinery	
ME 321	Heat Transfer	
ME 325	Intermediate Thermodynamics	
ME 341	Experimental Methods in Mechanical Engineering	
ME 347	Engineering Design and Graphics with Computer-Aided Design and Simulation	
ME 370	Mechanical Engineering Design	
ME 380	Materials and Manufacturing Process Principles	
Total Hours		**16-18**

Minor in Industrial Engineering

Requirements for the Minor

For the minor, 12 semester hours are required, excluding prerequisite courses. Students not majoring in Industrial Engineering who wish to minor in Industrial Engineering must complete the following:

Code	Title	Hours
Prerequisite Courses		
CS 111	Program Design I	3
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
IE 201	Financial Engineering	3
Total Hours		**23**

Code	Title	Hours
Required Courses		
IE 342	Probability and Statistics for Engineers	3
IE 446	Advanced Quality Control and Reliability	3
IE 463	Manufacturing Facilities Design and Material Handling	3
IE 471	Operations Research I	3
Total Hours		**12**

Joint Degrees with the BS in Industrial Engineering

Admission Requirements

The minimum admission requirements for the joint degree programs are:

1. Completion of at least 30 hours of core courses (excluding ENGR 100, IE 118, IE 391, IE 392, IE 396, IE 397), where core courses are listed under the Required in the College of Engineering (p. 291) section of the degree.
2. an institutional GPA of 3.25/4.00 or higher;
3. a major GPA of 3.25/4.00 or higher.

Students who meet the minimum requirements to apply for the joint program can apply for consideration at any time before the beginning of their final term in the BS program. Students also must maintain an overall GPA of 3.00 or higher in the MS program. Admission to the MS program is a separate application and is not guaranteed upon admission to the Joint Program; it is subject to the admission criteria of the MS program. The applications will be reviewed by the Graduate Admission Committee in the Department of Mechanical and Industrial Engineering to determine whether the student will be admitted into the program. The department reserves the right to decline or accept any application.

Degree Requirements

Joint BS in Industrial Engineering/MS in Industrial Engineering

To earn a joint Bachelor of Science in Industrial Engineering/Master of Science in Industrial Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Mechanical Engineering degree requirements are outlined below. Students should consult the College of Engineering section for additional degree requirements and college academic policies.

The joint Bachelor of Science in Industrial Engineering (BSIE) and Master of Science in Industrial Engineering (MSIE) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in industrial engineering, or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a BSIE and MSIE degree upon completion of the program, with 8 credit hours of coursework shared between the two degrees.

The requirements for completion of the joint degree program are identical to the completion of the two separate degrees; however, 8 semester hours of shared coursework may be used for both degrees. Completion of 122 semester hours at the undergraduate level; plus 8 additional shared hours counting toward both the BSIE and MSIE degrees; plus 28 hours of coursework at the graduate level will result in joint BSIE/MSIE degrees. Only a coursework-based MSIE may be awarded.

Students accepted into the joint degree program will be able to take two 400-level (graduate) Industrial Engineering (IE) courses, enrolled as graduate students, and receive 4 hours of credit per course. The two 400-level IE courses will be applied towards 6 hours of technical electives at the undergraduate level, thereby completing the 128 semester hours for the BSIE degree. The two 400-level IE courses will also count towards 8 hours of 400-level coursework toward the MSIE degree. The two 400-level courses must meet the following requirements:

1. at the 400 level;
2. within the list of technical elective courses for the major;
3. within the IE rubric; and
4. not a required course for the completion of the undergraduate degree.

The course selections require pre-approval by an academic advisor and will be recorded in the student's academic record by the MIE Student Affairs Office; in addition, the MIE Student Affairs Office will submit the necessary forms to allow the undergraduate student to register for the graduate section of these courses.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGR 100	Engineering Success Seminar for Freshmen	1
ME 250	Introduction to Engineering Design and Graphics	3
General Education Core course		3
	Hours	**18**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 109	Programming for Engineers with MatLab	3
General Education Core course		3
	Hours	**17**
Sophomore Year		
First Semester		
PHYS 142	General Physics II (Electricity and Magnetism)	4
IE 201	Financial Engineering	3
CME 201	Statics	3

MATH 210	Calculus III	3
ECE 210	Electrical Circuit Analysis	3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
CME 203	Strength of Materials	3
IE 342	Probability and Statistics for Engineers	3
General Education Core course		3
	Hours	**15**
Junior Year		
First Semester		
IE 471	Operations Research I	3
IE 345	Regression Applications and Forecasting in Engineering	3
IE 348	Artificial Intelligence and Data Mining for Engineering Applications	3
IE 365	Work Productivity Analysis	4
General Education Core course		3
	Hours	**16**
Second Semester		
IE 442	Design and Analysis of Experiments in Engineering	3
IE 472	Operations Research II	3
STAT 362	Elements of Statistical Computing	2
Technical Elective		3
Elective Outside the Major Rubric		3
MGMT 340	Introduction to Organizations	3
	Hours	**17**
Senior Year		
First Semester		
IE 380	Materials and Manufacturing Process Principles	3
IE 396	Senior Design I	3
IE 467	Discrete Event Computer Simulation Application	3
Technical Elective		3
Technical Elective (Shared)		4
	Hours	**16**
Second Semester		
IE 397	Senior Design II	2
IE 463	Manufacturing Facilities Design and Material Handling	3
IE 466	Production Operation Analytics and Inventory Control	3
IE 499	Professional Development Seminar	0
Technical Elective (Shared)		4
General Education Core course		3
	Hours	**15**
Fifth Year		
First Semester		
Select 12 hours at the 400 level (8 hours must be in the IE rubric)		12
	Hours	**12**
Second Semester		
Select 16 hours at the 500 level (8 hours must be in the IE rubric)		16
	Hours	**16**
	Total Hours	**158**

Joint BS in Industrial Engineering/MS in Mechanical Engineering

To earn a joint Bachelor of Science in Industrial Engineering / Master of Science in Mechanical Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Mechanical and Industrial Engineering degree requirements are outlined below. Students should consult the College of Engineering section for additional degree requirements and college academic policies.

The joint Bachelor of Science in Industrial Engineering (BSIE) and Master of Science in Mechanical Engineering (MSME) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in industrial engineering, or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a BSIE and MSME degree upon completion of the program, with 8 credit hours of coursework shared between the two degrees.

The requirements for completion of the joint degree program are identical to the completion of the two separate degrees; however, 8 hours of shared coursework may be used for both degrees. Completion of 122 semester hours at the undergraduate level; plus 8 additional shared hours of credit counting toward both the BSIE and MSME degrees; plus 28 hours of coursework at the graduate level will result in joint BSIE/MSME degrees. Only a coursework-based MSME may be awarded.

Students accepted into the joint degree program will be able to take two 400-level (graduate) Mechanical Engineering (ME) courses, enrolled as graduate students, and receive 4 hours of credit per course. The two 400-level ME courses will be applied towards 6 hours of technical electives at the undergraduate level, thereby completing the 128 semester hours for the BSIE degree. The two 400-level ME courses will also count towards hours of credit of 400-level coursework toward the MSME degree. The two 400-level courses must meet the following requirements:

1. at the 400 level;
2. within the list of technical elective courses for the major;
3. within the ME rubric; and
4. not a required course for the completion of the undergraduate degree.

The course selections require pre-approval by an academic advisor and will be recorded in the student's academic record by the MIE Student Affairs Office; in addition, the MIE Student Affairs Office will submit the necessary forms to allow the undergraduate student to register for the graduate section of these courses.

The course selections require pre-approval by an academic advisor and will be recorded in the student's academic record by the MIE Student Affairs Office; in addition, the MIE Student Affairs Office will submit the necessary forms to allow the undergraduate student to register for the graduate section of these courses.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGR 100	Engineering Success Seminar for Freshmen	1
ME 250	Introduction to Engineering Design and Graphics	3
General Education Core course		3
	Hours	**18**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3

CS 109	Programming for Engineers with MatLab	3
General Education Core course		3
	Hours	**17**
Sophomore Year		
First Semester		
PHYS 142	General Physics II (Electricity and Magnetism)	4
IE 201	Financial Engineering	3
CME 201	Statics	3
MATH 210	Calculus III	3
ECE 210	Electrical Circuit Analysis	3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
CME 203	Strength of Materials	3
IE 342	Probability and Statistics for Engineers	3
General Education Core course		3
	Hours	**15**
Junior Year		
First Semester		
IE 471	Operations Research I	3
IE 345	Regression Applications and Forecasting in Engineering	3
IE 348	Artificial Intelligence and Data Mining for Engineering Applications	3
IE 365	Work Productivity Analysis	4
General Education Core course		3
	Hours	**16**
Second Semester		
IE 442	Design and Analysis of Experiments in Engineering	3
IE 472	Operations Research II	3
STAT 362	Elements of Statistical Computing	2
Technical Elective		3
Elective Outside the Major Rubric		3
MGMT 340	Introduction to Organizations	3
	Hours	**17**
Senior Year		
First Semester		
IE 380	Materials and Manufacturing Process Principles	3
IE 396	Senior Design I	3
IE 467	Discrete Event Computer Simulation Application	3
Technical Elective		3
Technical Elective (Shared)		4
	Hours	**16**
Second Semester		
IE 397	Senior Design II	2
IE 463	Manufacturing Facilities Design and Material Handling	3
IE 466	Production Operation Analytics and Inventory Control	3
IE 499	Professional Development Seminar	0
Technical Elective (Shared)		4
General Education Core course		3
	Hours	**15**
Fifth Year		
First Semester		
Select 12 hours at the 400 level (8 hours must be in the ME rubric)		12
	Hours	**12**
Second Semester		
Select 16 hours at the 500 level (8 hours must be in the ME rubric)		16
	Hours	**16**
	Total Hours	**158**

Joint Degrees with the BS in Mechanical Engineering

Admission Requirements

The minimum admission requirements for the joint degree programs are:

1. Completion of at least 30 hours of core courses (excluding ENGR 100, ME 118, ME 391, ME 392, ME 396, ME 397 , where core courses are listed under the Required in the College of Engineering section of the catalog;
2. an institutional GPA of 3.25/4.00 or higher;
3. a major GPA of 3.25/4.00 or higher.

Students who meet the minimum requirements to apply for the joint program can apply for consideration at any time before the beginning of their final term in the BS program. Students also must maintain an overall GPA of 3.00 or higher in the MS program. Admission to the MS program is a separate application and is not guaranteed upon admission to the joint degree program; it is subject to the admission criteria of the MS program. The applications will be reviewed by the Graduate Admission Committee in the Department of Mechanical and Industrial Engineering to determine whether the student will be admitted into the program. The department reserves the right to decline or accept any application.

Degree Requirements

Joint BS in Mechanical Engineering/MS in Industrial Engineering

To earn a joint Bachelor of Science in Mechanical Engineering / Master of Science in Industrial Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Mechanical and Industrial Engineering degree requirements are outlined below. Students should consult the College of Engineering section for additional degree requirements and college academic policies.

The joint Bachelor of Science in Mechanical Engineering (BSME) and Master of Science in Industrial Engineering (MSIE) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in industrial engineering, or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a BSME and MSIE degree upon completion of the program, with 8 credit hours of coursework shared between the two degrees.

The requirements for completion of the joint degree program are identical to the completion of the two separate degrees; however, 8 hours of shared coursework may be used for both degrees. Completion of 122 semester hours at the undergraduate level; plus 8 additional shared hours of credit counting toward both the BSME and MSIE degrees; plus 28 hours of coursework at the graduate level will result in joint BSME/MSIE degrees. Only a coursework-based MSIE may be awarded.

Students who meet the minimum requirements to apply for the joint program can apply for consideration at any time before the beginning of their final term in the BS program. Students also must maintain an overall GPA of 3.00 or higher in the MS program. The applications will be reviewed by the Graduate Admission Committee in the Department of Mechanical and Industrial Engineering to determine whether the student will be admitted into the program. The department reserves the right to decline or accept any application.

Students accepted into the joint degree program will be able to take two 400-level (graduate) Industrial Engineering (IE) courses, enrolled as graduate students, and receive 4 credit hours per course. The two 400-level IE courses will be applied towards 6 credit hours of technical electives at the undergraduate level, thereby completing the 128 credit hours for the BSME degree. The two 400-level IE courses will also count towards 8 credit hours of 400-level coursework toward the MSIE degree. The two 400-level courses must meet the following requirements:

1. at the 400 level;
2. within the list of technical elective courses for the major;
3. within the IE rubric; and
4. not a required course for the completion of the undergraduate degree.

The course selections require pre-approval by an academic advisor and will be recorded in the student's academic record by the MIE Student Affairs Office; in addition, the MIE Student Affairs Office will submit the necessary forms to allow the undergraduate student to register for the graduate section of these courses.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ME 250	Introduction to Engineering Design and Graphics	3
General Education Core course		3
	Hours	**18**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 109	Programming for Engineers with MatLab	3
General Education Core course		3
	Hours	**17**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
IE 201	Financial Engineering	3
CME 201	Statics	3
ECE 210	Electrical Circuit Analysis	3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
CME 203	Strength of Materials	3
ME 205	Introduction to Thermodynamics	3
ME 210	Engineering Dynamics	3
	Hours	**15**
Junior Year		
First Semester		
ME 211	Fluid Mechanics I	4
ME 320	Mechanisms and Dynamics of Machinery	3
ME 347	Engineering Design and Graphics with Computer-Aided Design and Simulation	3
ME 380	Materials and Manufacturing Process Principles	3
General Education Core course		3
	Hours	**16**
Second Semester		
ME 321	Heat Transfer	4
ME 328	Numerical Methods in Mechanical Engineering	3
ME 370	Mechanical Engineering Design	3
Technical Elective		3
General Education Core course		3
	Hours	**16**
Senior Year		
First Semester		
ME 312	Dynamic Systems and Control	3
ME 396	Senior Design I	3
IE 342	Probability and Statistics for Engineers	3
Elective Outside the Major Rubric		3
Technical Elective (Shared)		4
	Hours	**16**
Second Semester		
ME 341	Experimental Methods in Mechanical Engineering	3
ME 397	Senior Design II	3
ME 499	Professional Development Seminar	0
General Education Core course		3
Technical Elective		3
Technical Elective (Shared)		4
	Hours	**16**
Fifth Year		
First Semester		
Select 12 hours at the 400 level (8 hours must be in the IE rubric)		12
	Hours	**12**
Second Semester		
Select 16 hours at the 500 level (8 hours must be in the IE rubric)		16
	Hours	**16**
	Total Hours	**158**

Joint BS in Mechanical Engineering/MS in Mechanical Engineering

To earn a joint Bachelor of Science in Mechanical Engineering/Master of Science in Mechanical Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Mechanical and Industrial Engineering degree requirements are outlined below. Students should consult the College of Engineering section for additional degree requirements and college academic policies.

The joint Bachelor of Science in Mechanical Engineering (BSME) and Master of Science in Mechanical Engineering (MSME) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Mechanical Engineering, or who wish to prepare themselves for advanced placement in the workplace. Students will earn both a BSME and MSME degree upon completion of the program, with 8 credit hours of coursework shared between the two degrees.

The requirements for completion of the joint degree program are identical to the completion of the two separate degrees; however, 8 hours of shared coursework may be used for both degrees. Completion of 122 semester hours at the undergraduate level; plus 8 additional shared hours counting toward both the BSME and MSME degrees; plus 28

hours of coursework at the graduate level will result in joint BSME/MSME degrees. Only a course work based MSME may be awarded.

Students accepted into the joint degree program will be able to take two 400-level (graduate) Mechanical Engineering courses, enrolled as graduate students, and receive 4 credit hours per course. The two 400-level ME courses will count towards 6 credit hours of technical electives at the undergraduate level, thereby completing the 128-credit hours for the BSME degree. The two 400-level ME courses will also count towards 8 credit hours of 400-level coursework toward the MSME degree. The 5 two 400-level courses must meet the following requirements:

1. at the 400 level;
2. within the list of technical elective courses for the major;
3. within the ME rubric; and
4. not a required course for the completion of the undergraduate degree.

The course selections require pre-approval by an academic advisor and will be recorded in the student's academic record by the MIE Student Affairs Office; in addition, the MIE Student Affairs Office will submit the necessary forms to allow the undergraduate student to register for the graduate section of these courses.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ME 250	Introduction to Engineering Design and Graphics	3
General Education Core course		3
	Hours	**18**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 109	Programming for Engineers with MatLab	3
General Education Core course		3
	Hours	**17**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
IE 201	Financial Engineering	3
CME 201	Statics	3
ECE 210	Electrical Circuit Analysis	3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
CME 203	Strength of Materials	3
ME 205	Introduction to Thermodynamics	3
ME 210	Engineering Dynamics	3
	Hours	**15**
Junior Year		
First Semester		
ME 211	Fluid Mechanics I	4
ME 320	Mechanisms and Dynamics of Machinery	3
ME 347	Engineering Design and Graphics with Computer-Aided Design and Simulation	3
ME 380	Materials and Manufacturing Process Principles	3
General Education Core course		3
	Hours	**16**
Second Semester		
ME 321	Heat Transfer	4
ME 328	Numerical Methods in Mechanical Engineering	3
ME 370	Mechanical Engineering Design	3
Technical Elective		3
General Education Core course		3
	Hours	**16**
Senior Year		
First Semester		
ME 312	Dynamic Systems and Control	3
ME 396	Senior Design I	3
IE 342	Probability and Statistics for Engineers	3
Elective Outside the Major Rubric		3
Technical Elective (Shared)		4
	Hours	**16**
Second Semester		
ME 341	Experimental Methods in Mechanical Engineering	3
ME 397	Senior Design II	3
ME 499	Professional Development Seminar	0
General Education Core course		3
Technical Elective		3
Technical Elective (Shared)		4
	Hours	**16**
Fifth Year		
First Semester		
Select 12 hours at the 400 level (8 hours must be in the ME rubric)		12
	Hours	**12**
Second Semester		
Select 16 hours at the 500 level (8 hours must be in the ME rubric)		16
	Hours	**16**
	Total Hours	**158**

Joint BS in Mechanical Engineering/ Master of Energy Engineering

To earn a joint Bachelor of Science in Mechanical Engineering/ Master of Energy Engineering degree from UIC, students need to complete university, college, and department degree requirements. The Department of Mechanical and Industrial Engineering degree requirements are outlined below. Students should consult the College of Engineering section for additional degree requirements and college academic policies.

The joint Bachelor of Science in Mechanical Engineering (BSME) and Master of Energy Engineering (MEE) is designed for undergraduates with outstanding academic performance who wish to prepare themselves for advanced placement in the Energy Engineering workplace. Students will earn both a BSME and Masters of Energy Engineering degrees upon completion of the program, with 8 credit hours of coursework shared between the two degrees.

The requirements for completion of the joint degree program are identical to the completion of the two separate degrees; however, 8 hours of shared coursework may be used for both degrees. Completion of 122 semester hours at the undergraduate level; plus 8 additional shared

hours counting toward both the BSME and MEE degrees; plus 24 hours of coursework at the graduate level will result in joint BSME/MS degrees.

Students accepted into the joint degree program will be able to take two 400-level (graduate) Mechanical Engineering courses, enrolled as graduate students, and receive 4 hours of credit per course. The two 400-level ENER courses will count towards 6 hours of technical electives at the undergraduate level, thereby completing the 128 semester hours for the BSME degree. The two 400-level ENER courses will also count towards 8 hours of 400-level coursework toward the MEE degree. The two 400-level courses must meet the following requirements:

1. At the 400 level;
2. within the list of technical elective courses for the major;
3. within the ME/ENER rubric;
4. a required class in the Master of Energy degree;
5. not a required course for the completion of the undergraduate degree.

The course selections require pre-approval by an academic advisor and will be recorded in the student's academic record by the MIE Student Affairs Office; in addition, the MIE Student Affairs Office will submit the necessary forms to allow the undergraduate student to register for the graduate section of these courses.

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
ENGR 100	Engineering Success Seminar for Freshmen [a]	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
ME 250	Introduction to Engineering Design and Graphics	3
General Education Core course		3
	Hours	**18**
Second Semester		
MATH 181	Calculus II	4
PHYS 141	General Physics I (Mechanics)	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CS 109	Programming for Engineers with MatLab	3
General Education Core course		3
	Hours	**17**
Sophomore Year		
First Semester		
MATH 210	Calculus III	3
PHYS 142	General Physics II (Electricity and Magnetism)	4
IE 201	Financial Engineering	3
CME 201	Statics	3
ECE 210	Electrical Circuit Analysis	3
	Hours	**16**
Second Semester		
MATH 218	Applied Linear Algebra	3
MATH 220	Introduction to Differential Equations	3
CME 203	Strength of Materials	3
ME 205	Introduction to Thermodynamics	3
ME 210	Engineering Dynamics	3
	Hours	**15**
Junior Year		
First Semester		
ME 211	Fluid Mechanics I	4
ME 320	Mechanisms and Dynamics of Machinery	3
ME 347	Engineering Design and Graphics with Computer-Aided Design and Simulation	3
ME 380	Materials and Manufacturing Process Principles	3
General Education Core course		3
	Hours	**16**
Second Semester		
ME 321	Heat Transfer	4
ME 328	Numerical Methods in Mechanical Engineering	3
ME 370	Mechanical Engineering Design	3
Technical Elective		3
General Education Core course		3
	Hours	**16**
Senior Year		
First Semester		
ME 312	Dynamic Systems and Control	3
ME 396	Senior Design I	3
IE 342	Probability and Statistics for Engineers	3
Elective Outside the Major Rubric		3
Technical Elective (Shared)		4
	Hours	**16**
Second Semester		
ME 341	Experimental Methods in Mechanical Engineering	3
ME 397	Senior Design II	3
ME 499	Professional Development Seminar	0
General Education Core course		3
Technical Elective		3
Technical Elective (Shared)		4
	Hours	**16**
Fifth Year		
First Semester		
ENER 420	Combined Heat and Power, Design, and Management	4
ENER 483	Energy Management Solutions for Industry: Theory and Practice	4
ENER 451	Electric Power Generation	4
	Hours	**12**
Second Semester		
ENER 501	Engineering Project Coordination and Management	4
ENER 552	Design of Energy Efficient Buildings	4
ENER 453	Sustainable Energy Engineering and Renewable Energy	4
	Hours	**12**
	Total Hours	**154**

Honors College

Contact Information:
Campus Location: 103 Burnham Hall (BH)
(312) 413-2260
www.honors.uic.edu

Administration:
Dean, Ralph Keen
Assistant Dean for Student Services, Kathryn Burns-Howard
Assistant Dean for Admission and Recruitment, David Boyd
Assistant Dean for Curriculum and Outreach, Michele McCrillis
Assistant Dean for Administration, Yolanda Rodriguez-Venegas

Introduction

The UIC Honors College provides an environment for advanced academic growth, creative engagement, and a foundation for lifelong learning in the dynamic, urban environment that is the great city of Chicago – bringing together a diverse group of exceptional undergraduate students, faculty, and staff.

Each term, Honors College students are required to complete an honors activity, which enriches their experiences at UIC. Honors units are earned for each honors activity. Students who enter the Honors College as first year students must earn 18 Honors units; this is prorated for students who transfer into the Honors College after the first year. Students must also maintain a minimum grade point average of 3.40/4.00.

First year students enroll in an interdisciplinary honors core course each semester, which completes the honors activity requirement and fulfills university general education requirements. These courses are taught by faculty members from various departments and address significant themes while providing a challenging and intimate learning experience for Honors first year students.

Beyond the first year, students choose from a variety of honors activity options. These include honors courses, honors seminars in a broad range of disciplines, independent research projects, tutoring in the college peer tutoring program, honors projects in regular courses, and academic service learning. All students are required to complete an honors capstone project before graduation. All of these activities are monitored within a faculty advising/mentoring system that is one of the college's major strengths.

At the end of the first year, students are assigned to an Honors College fellow, who is a mentor in the student's major department. The fellows, faculty interested in working with honors students, include many of UIC's outstanding scholars. They act as advisors for students' honors work and as resources for advice and guidance on students' majors, curricula, preparation for graduate school, and careers. The Honors College fellow mentoring process puts students into close and continuing contact with faculty members at an early stage in their postsecondary education.

The Honors College provides merit- and need-based scholarship opportunities for beginning first year students and transfer students. Also, the college offers financial support to honors students pursuing research or international study. The college also offers tuition awards to its continuing student body; these scholarships are distributed based on a combination of merit and need. Other scholarship support for continuing Honors College students is also available; consult the college website for more information.

Honors College students appreciate the availability of facilities reserved exclusively for their use, including a computer lab, and social and study lounges. They also enjoy events, such as student-faculty luncheons, monthly socials, and the annual Honors College Ball. Honors College students produce a college newsletter (Ampersand), and a number of other publications, including an undergraduate literary journal (Red Shoes Review), pre-health professions journal (Journal of Pre-Health Affiliated Students), and global issues journal (UIC One World). Honors College students also receive extended library privileges.

UIC honors students may take advantage of specially designated honors housing. In addition to sharing living space with other Honors College students, students participate in educational and social activities designed to create a special living/learning environment and a sense of an honors residential community.

Admission to the College

Student members of the Honors College are undergraduates representing all UIC colleges and departments. Incoming first year students with a strong high school academic record, as well as extracurricular or leadership experiences, are encouraged to apply for membership. Transfer students with a transfer GPA of at least 3.40/4.00 and continuing UIC students with a minimum cumulative UIC GPA of 3.40/4.00 who have at least three semesters left before graduation are also encouraged to apply. More detailed information about the admission process is available on the Honors College website.

College Requirements

All students in the Honors College are expected to fulfill the following requirements to ensure continued membership:

- Successful completion of an Honors Activity, defined by earning at least one Honors unit each term (except summer)
- Enrollment in HON 222 (Honors Activity, 0 hours) or HON 322 (Honors Capstone Activity, 0 hours), when appropriate, each term (except summer) for honors work to be reflected on their transcripts
- Minimum cumulative UIC GPA of 3.40/4.00
- Completion of an Honors capstone project prior to graduation

Students who enter the Honors College in their first year are expected to complete 18 Honors units, distributed in the following manner:

- Required Honors courses (for a total of 9 Honors units):
  - Two Honors Core courses, HON 120 to HON 145 (total of 6 Honors units)
  - HON 101 (1 Honors unit)
  - HON 201 (1 Honors unit)
  - HON 301 (1 Honors unit)
- Elective Honors courses or Honors activities (for a minimum of 3 Honors units)
- Honors capstone project (6 Honors units)

Transfer students and continuing UIC students who enter the Honors College after their first year will be expected to complete the following:

- *Sophmore standing*: 12 Honors units (HON 201, HON 301, 4 units of elective Honors courses or Honors activities, and Honors capstone project)
- *Junior standing*: 9 Honors units (HON 301, 2 units of elective Honors courses or Honors activities, and Honors capstone project)

College Policies

Honors Notice and Dismissal Rules

Any student in the Honors College whose UIC cumulative GPA falls below 3.15/4.00 or who does not regularly fulfill the honors activity requirement is automatically dismissed from membership in the college. Students with UIC cumulative grade point averages between 3.15 and 3.40 are placed on Honors GPA Notice. These students have one semester to raise their cumulative average to 3.40. Students on Honors GPA Notice status are expected to continue to fulfill all other Honors College requirements.

A student who fails to satisfactorily complete the Honors activity by earning at least one Honors unit is placed on Honors Activity Notice and must make up the activity within one semester. Successful completion of an Honors activity is demonstrated by the proper submission of Agreement and Completion Forms. A student who does not satisfactorily complete the Honors activity requirement for two consecutive semesters is dismissed from the college.

Academic Honors

Honors College Recognition

Honors College membership status is noted annually on student transcripts. Students graduating as Honors College members receive a gold stole to wear with their academic attire at their home college commencement and Honors College convocation ceremonies.

Honors Societies

The following list of honors societies is provided for students' convenience.

Alpha Eta Mu Beta Chapter

Alpha Eta Mu Beta (AEMB) is an association of biomedical engineers who share a common desire to recognize and encourage excellence in biomedical engineering. This is accomplished in part by promoting and recognizing high scholarship, leadership, and character among biomedical engineering students. AEMB membership requires a GPA in the top one-third of the class, for seniors; or top one-fifth of the class, for juniors. For more information contact the Department of Biomedical Engineering at (312) 996-2335.

Beta Alpha Psi

Beta Alpha Psi is an international scholastic and professional business and financial information fraternity. Its purpose is to recognize outstanding academic achievements in the field of accounting, finance, and information systems; promote the study and practice of professional fields related to these disciplines; provide opportunities for self-development and association among members and practicing financial professionals; and to encourage a sense of ethical, social, and public responsibilities. The UIC Chapter of Beta Alpha Psi was established in 1994. For more information, contact the Department of Accounting at (312) 996-2650.

Beta Gamma Sigma

Beta Gamma Sigma is the honor society for the best students in business programs accredited by AACSB International—The Association to Advance Collegiate Schools of Business. Membership in Beta Gamma Sigma is the highest recognition business students throughout the world can receive in undergraduate or master's programs accredited by AACSB International. Eligibility for membership requires juniors and seniors in the top 10 of their respective classes. In addition, inductees must have completed at least 30 semester hours. The UIC Chapter of BGS was established in 1973. More information on the honor society can be obtained from the College of Business Administration at (312) 996-2671.

Delta Phi Alpha

The Delta Phi Alpha National German Honorary Society began with the founding of the Alpha chapter at Wofford College in 1927 and now has constituent chapters at 236 colleges and universities throughout the United States. UIC's chapter was founded in 1968. The National German Honor Society seeks to recognize excellence in the study of German and to provide an incentive for higher scholarship. Qualifications for membership are as follows: a minimum of two years of college or university German or the equivalent, a minimum average of B+ or the equivalent in German courses, a minimum cumulative average of B- or the equivalent, and an indication of continued interest in the study of German language and literature. For more information, contact the Department of Germanic Studies at (312) 996-5218.

Eta Kappa Nu

Eta Kappa Nu is the international honor society for electrical and computer engineers. Founded in 1904, its purposes include the stimulation and reward of scholarship as well as assisting fellow members and nonmembers alike to improve the standards of the profession, the courses of instruction, and the institutions generally where its chapters are established. In order to be invited to join UIC's Iota Lambda Chapter of the society, the minimum requirements for electrical and computer engineering majors are junior standing with a cumulative grade point average in the top quarter, or senior standing with a cumulative grade point average in the top third of their electrical and computer engineering classes. Demonstrated community service is also a requirement for induction into Eta Kappa Nu. For more information, contact the Department of Electrical and Computer Engineering at (312) 996-3423.

Eta Sigma Phi

Eta Sigma Phi is the national honorary collegiate society for students of Latin and/or Greek. The purposes of the society, in the words of the constitution, are "to develop and promote interest in classical study among the students of colleges and universities; to promote closer fraternal relationship among the students who are interested in classical study, including intercampus relationship; to engage generally in an effort to stimulate interest in classical study, and in the history, art, and literature of ancient Greece and Rome." Active membership is limited to undergraduates who are enrolled in classes in Latin and/or Greek in the original languages. A student must meet the basic qualifications of an attained grade of not less than B in courses in Latin and Greek, with completion of at least one semester or two quarters. Please contact the Department of Classics and Mediterranean Studies at (312) 996-5539 for more information.

Gamma Kappa Alpha

Gamma Kappa Alpha, the national Italian honor society (the UIC Chapter was granted in 1986) for juniors and seniors, is designed to recognize outstanding scholastic performance in the fields of Italian language and literature. To be eligible, a student must have a minimum cumulative grade point average of 2.75/4.00 and a 3.00/4.00 GPA in all Italian courses taken. For information, contact the Department of Hispanic and Italian Studies at (312) 413-2346.

Golden Key National Honor Society

The Golden Key National Honor Society was founded in 1977 as a nonprofit organization whose purpose is to recognize and encourage academic excellence in all fields of endeavor. Membership is by invitation only and is offered to all full- or part-time students who have maintained a cumulative grade point average of 3.30/4.00 or higher and have successfully completed a minimum of 60 hours. For more information, contact (312) 996-4500.

Lambda Pi Eta

The purpose of Lambda Pi Eta is to recognize, foster, and reward outstanding scholastic achievement; to stimulate interest in the field of communication; to promote and encourage professional development among communication majors; to provide an opportunity to discuss

and exchange ideas in the field of communication; and to establish and maintain close relationships and understanding between faculty and students. Members must have a 3.00/4.00 cumulative GPA; have a 3.25/4.00 GPA in Communication courses; have 60 credit hours completed overall; have 12 credit hours completed in Communication courses; rank in the upper 35% of their class; be full-time students in good standing; display commitment to the field of Communication. For more information, contact the Department of Communication at (312) 996-3187.

National Society of Collegiate Scholars

The National Society of Collegiate Scholars (NSCS) is an honors organization that recognizes and elevates high achievers. NSCS provides career and graduate school connections, leadership and service opportunities, and gives out a million dollars in scholarships annually. NSCS members are deeply committed to scholarship, leadership, and service and, as a result, are impacting their campus and local communities every day. Less than 10% of students at schools with NSCS chapters are invited to join. Nominations are sent to first and second year students with at least a minimum cumulative grade point average of 3.40/4.00. For more information, contact the chapter advisor, Doug Sheldon, at sheldond@uic.edu.

Nu Rho Psi

Nu Rho Psi is the National Honor Society in Neuroscience, founded in 2006 by the Faculty for Undergraduate Neuroscience. For more information, please contact the Department of Biological Sciences at (312) 996-2211.

Phi Beta Kappa

Founded in 1776, Phi Beta Kappa is the oldest scholastic honor society in the United States. The UIC chapter charter was granted in 1976. Phi Beta Kappa stresses excellence, broad liberal education, and moral leadership. Elections to Phi Beta Kappa are made in accordance with its own rules. New student members of Phi Beta Kappa are elected by faculty and university staff who themselves are members. Elections at UIC occur once a year, usually during the week of spring break. Successful candidates are notified shortly afterward by mail, with letters sent to the students' address on record (usually their permanent home address).

Membership selection is based on a number of factors, including (but not limited to):

- A minimum GPA of 3.70/4.00
- At least 90 degree credit hours earned, 60 or more of which were earned at UIC
- At least 90 credit hours in liberal arts and sciences courses (as opposed to applied, professional and/or technical courses)
- Completion of advanced-level courses beyond those in the declared major
- Demonstration of successful coursework in a foreign language and in mathematics

For information, contact Robert Bruhl, Chapter President at rbruhl@uic.edu.

Pi Sigma Alpha

The Mu Alpha Chapter (established in 1981) of Pi Sigma Alpha, the National Political Science Honor Society, inducts junior or senior undergraduate majors in political science with a minimum overall grade point average of 3.25/4.00 and 3.50 in their major. For more information, contact the Department of Political Science at (312) 996-3105.

Pi Tau Sigma

Pi Tau Sigma is the national honor society for mechanical engineers and was founded in 1915. The Alpha Sigma chapter at UIC was established in 1999. Its purpose is to encourage and recognize superior scholarship, to foster the high ideals of the engineering profession, to stimulate interest in coordinated departmental activities, and to develop in students of mechanical engineering the attributes for effective leadership. Active membership is open to full-time junior- and senior-level mechanical engineering students with a grade point average above 3.25/4.00 and who rank in the top third of their class. Graduate students and faculty members may become honorary members at the society's discretion. For more information, please contact the Department of Mechanical and Industrial Engineering at (312) 996-5317.

Psi Chi

Psi Chi is the National Honor Society in Psychology. Founded in 1929, Psi Chi provides recognition for academically strong undergraduate majors and minors in psychology. Neuroscience majors who have completed all requirements for the minor in psychology are also eligible. Psi Chi sponsors speakers and informational seminars are designed to enhance professional growth and to create a sense of fellowship among its members. Membership is open to students who have completed at least 36 hours of undergraduate study, at least 9 semester hours in psychology courses and whose grade point average is 3.40 or higher overall and 3.00 or higher in psychology courses. For more information about Psi Chi, visit the Psi Chi website.

Rho Chi

The Rho Chi Society, pharmacy's academic honor society, encourages and recognizes excellence in intellectual achievement and advocates critical inquiry in all aspects of pharmacy. Further, the society encourages high standards of conduct and character and fosters fellowship among its members. The society envisions that it will seek universal recognition of its members as lifelong intellectual leaders in pharmacy and, as a community of scholars, will instill the desire to pursue intellectual excellence and critical inquiry to advance the profession. The full collegiate membership of the society shall consist of professional (entry-level, postbaccalaureate, and nontraditional) students, graduate students, and members of the teaching staff who have been duly elected in accordance with the National Rho Chi Society Bylaws. Rho Chi invites the top 10% of the P2 class after three semesters of pharmacy coursework. For more information, visit the Rho Chi website.

Sigma Delta Pi

The purpose of Sigma Delta Pi, the National Collegiate Hispanic Honor Society (charter granted to UIC in 1989), is designed to honor those students who attain excellence in the study of the Spanish language and the culture of the Spanish speaking peoples. The Rho Psi Chapter offers membership to qualified juniors and seniors. To be eligible, a student must have a minimum cumulative grade point average of 2.75/4.00 and a 3.00 average in all Spanish courses taken, including at least 3 semester hours in Hispanic literature at the junior (third-year) level. For information, contact the Department of Hispanic and Italian Studies at (312) 413-2346.

Sigma Pi Sigma

Sigma Pi Sigma exists to *honor* outstanding scholarship in physics; to *encourage* interest in physics among students at all levels; to promote

an attitude of *service* of its members towards their fellow students, colleagues, and the public; to provide a *fellowship* of persons who have excelled in physics. Student membership, both undergraduate and graduate, is restricted to those who have attained standards of high scholarship in at least three semester courses (or five quarter courses) of at least three hours each that count toward the physics major, professional interest and merit, and scholastic proficiency or distinction. Faculty members and professional scientists in physics and closely related sciences may also be elected. Undergraduate membership is restricted to those in the upper thirty-three percent of their class. Contact the Department of Physics at (312) 996-3400 for more information.

Sigma Tau Delta

Sigma Tau Delta, International English Honor Society, was founded in 1924. The society strives to confer distinction for high achievement in English language and literature, promote interested in literature and English language, and foster all aspects of the discipline. For information, contact the Department of English at (312) 413-2200.

Sigma Theta Tau

The stated purpose of this group is to recognize the achievement of scholarship and leadership qualities, to foster high professional standards, encourage creative work, and strengthen individual commitments to the ideals and purposes of the nursing profession. Membership is composed of students, faculty, and alumni of the College of Nursing chosen on the basis of demonstrated scholarship, professional potential, and/or marked achievement in the field of nursing. For information, contact the College of Nursing at (312) 996-7800.

Tau Beta Pi

Tau Beta Pi (TBP) is the second oldest honor society in the United States (Phi Beta Kappa being the first) and accepts into its membership students from all engineering disciplines. Not merely an honor society, TBP serves the engineering and campus community by organizing technical and nontechnical workshops, tutoring, career services, and outreach activities. Students are eligible for membership based on scholastic achievement and exemplary character. To be eligible, a candidate must be a full-time student, and have a GPA in the top one-fifth of the class, for seniors; or top one-eighth of the class, for juniors. Members are recognized at the time of graduation and for life. Detailed information can be obtained from the College of Engineering, or the chapter website.

Tau Sigma

Tau Sigma is an academic honor society designed specifically to recognize and promote the academic excellence and involvement of transfer students. Tau Sigma was incorporated as a nonprofit in 1999 with Auburn University being the home of the first chapter. The objectives of Tau Sigma are to recognize outstanding academic achievement of transfer students; provide motivation for the academic excellence of all incoming transfer students; enhance the reputation of all transfer students; provide a common bond among transfer students; promote the involvement of transfer students; and form a group of students who can help the university address and meet the needs of incoming transfer students. The UIC Chapter of Tau Sigma was started in 2006. Students who transfer to the university with at least one full year's worth of academic credit and earn a 3.50/4.00 or higher GPA after their first term at UIC are invited to join Tau Sigma. For more information, contact the Transfer Assistance Center.

College of Liberal Arts and Sciences

Contact Information:
Campus Location: Third Floor, University Hall (UH)
Academic Advising: (312) 996-3366
las.uic.edu

Administration:
Dean, Lisa Freeman
Senior Associate Dean, Undergraduate Academic Affairs, Rosilie Hernandez-Pecoraro
Executive Assistant Dean, Student Academic Affairs, Brian Roessler

Introduction

The College of Liberal Arts and Sciences (LAS) offers a wide range of programs and courses in the humanities, social sciences, and natural sciences. The offerings of LAS contribute to the educational quality, breadth, and vitality of UIC. The tradition of the liberal arts emphasizes holistic intellectual development rather than vocational and professional training. An understanding of human cultures, the natural universe, and social sciences provide the foundation for comprehending the complex and evolving world in which we live.

LAS undergraduate degree programs encompass a broad-based general education experience, a student-selected field of specialization, and elective courses to round out a student's interests. Students are encouraged to participate in faculty-led research and scholarly opportunities, as well as internships and study abroad. Graduates are prepared to pursue nearly any career path and further education.

In support of student progress to degree across a wide range of programs and academic opportunities in LAS and at UIC, LAS is home to a large network of professional academic advisors. College-based advising is required for all new students and throughout the first and second year for new first year students. Additionally, LAS strongly recommends that first year students enroll in a first year seminar course in their first term that supports students' transition from high school to college. All degree-seeking undergraduate students work with an assigned academic advisor in support of their academic success, see Academic Advising below for more details.

Degree Requirements

To earn a College of Liberal Arts and Sciences degree from UIC, students need to complete university, college, and department degree requirements.

Changes to graduation requirements and related policies are announced online. If requirements are changed, continuing students in LAS and those whose attendance at UIC has been interrupted for no more than two years may complete the current graduation requirements or may continue to meet those requirements in effect at the time of initial registration in the college. Students who return to UIC after an absence of more than two years are responsible for meeting the requirements of the university and college as well as of the major or curriculum in effect at the time of the student's reenrollment. For all students, however, if courses originally required are no longer offered or if external accrediting or

certifying agencies modify their requirements, the college or department will specify substitutes.

University and college degree requirements for all College of Liberal Arts and Sciences students are outlined below. Students should consult their department section for additional degree requirements.

Semester Hour Requirement

Each of the degree programs listed below minimally requires a total of 120 semester hours.

Major	School	Degree Conferred	Total Hours
Anthropology	Anthropology	BA in Liberal Arts and Sciences	120
Applied Psychology	Psychology	BA in Liberal Arts and Sciences	120
Biochemistry[a]	Chemistry	BS in Biochemistry	120
Biological Sciences	Biological Sciences	BS in Liberal Arts and Sciences	120
Black Studies	Black Studies	BA in Liberal Arts and Sciences	120
Central and Eastern European Studies	Polish, Russian, and Lithuanian Studies	BA in Liberal Arts and Sciences	120
Chemistry—BA	Chemistry	BA in Liberal Arts and Sciences	120
Chemistry—BS[a]	Chemistry	BS in Chemistry	120
Classical Studies	Classics and Mediterranean Studies	BA in Liberal Arts and Sciences	120
Communication	Communication	BA in Liberal Arts and Sciences	120
Computer Science and Economics	Economics	BS in Computer Science and Economics	120
Computer Science and Linguistics[a]	Interdepartmental	BS in Computer Science and Linguistics	120
Computer Science and Philosophy	Philosophy	BS	120
Criminology, Law, and Justice	Criminology, Law, and Justice	BA in Liberal Arts and Sciences	120
Earth and Environmental Sciences	Earth and Environmental Sciences	BS in Liberal Arts and Sciences	120
Economics	Economics	BA in Liberal Arts and Sciences	120
English	English	BA in Liberal Arts and Sciences	120
English—Teacher Education[a]	English	BA in the Teaching of English	120
French and Francophone Studies	French and Francophone Studies	BA in Liberal Arts and Sciences	120
French—Teacher Education[a]	French and Francophone Studies	BA in the Teaching of French	120
Gender and Women's Studies	Gender and Women's Studies	BA in Liberal Arts and Sciences	120
Germanic Studies	Germanic Studies	BA in Liberal Arts and Sciences	120
German—Teacher Education[a]	Germanic Studies	BA in the Teaching of German	120
Global Asian Studies	Global Asian Studies	BA in Liberal Arts and Sciences	120
History	History	BA in Liberal Arts and Sciences	120
History—Teacher Education[a]	History	BA in the Teaching of History	120
Integrated Health Studies	Interdepartmental	BS in Liberal Arts and Sciences	120
Latin American and Latino Studies	Latin American and Latino Studies	BA in Liberal Arts and Sciences	120
Liberal Studies	Interdepartmental	BA in Liberal Arts and Sciences	120
Mathematics	Mathematics, Statistics, and Computer Science	BS in Liberal Arts and Sciences	120
Mathematics—Teacher Education[a]	Mathematics, Statistics, and Computer Science	BS in the Teaching of Mathematics	120
Mathematics and Computer Science	Mathematics, Statistics, and Computer Science	BS in Liberal Arts and Sciences	120
Neuroscience[a]	Interdepartmental	BS in Neuroscience	120
Philosophy	Philosophy	BA in Liberal Arts and Sciences	120
Physics—BA	Physics	BA in Liberal Arts and Sciences	120
Physics—BS[a]	Physics	BS in Physics	120
Political Science	Political Science	BA in Liberal Arts and Sciences	120
Psychology	Psychology	BS in Liberal Arts and Sciences	120
Sociology	Sociology	BA in Liberal Arts and Sciences	120
Spanish	Hispanic and Italian Studies	BA in Liberal Arts and Sciences	120
Spanish—Teacher Education[a]	Hispanic and Italian Studies	BA in the Teaching of Spanish	120

Statistics	Mathematics, Statistics, and Computer Science	BS in Liberal Arts and Sciences	120

a *Denotes specialized curriculum.*

Note: Degrees in teacher education generally require additional courses for teacher licensure beyond the 120 semester hours.

Course Requirements

General Education and Writing-in-the-Discipline

Students are required to complete the following course requirements in order to earn a degree in the College of Liberal Arts and Sciences. Proficiency in academic writing and quantitative reasoning is essential to success in all degree programs. Therefore, all LAS undergraduate students shall, in their first year, register for courses that satisfy the University Writing and Quantitative Reasoning requirements, or for such preparatory courses as may be indicated by placement tests, and shall continue to register in such courses until the requirements have been satisfied. Students who fail to follow these guidelines will be subject to academic notice and other sanctions. The remaining course requirements, with the exception of the Writing-in-the-Discipline requirement, should be completed as early in the college career as feasible.

Note: The table below outlines LAS General Education and Writing-in-the-Discipline requirements. The number of semester hours a student is required to take to fulfill these requirements will vary. Please read the explanatory notes that follow on General Education Core, General Education Proficiencies, and Writing-in-the-Discipline for more information on fulfilling these requirements.

General Education and Writing-in-the-discipline	Requirement (Typical Hours)
Analyzing the Natural World[a]	Two laboratory courses (8–10)
Exploring World Cultures[a]	One course (3)
Understanding the Creative Arts[a]	One course (3)
Understanding the Individual and Society[a]	One course (3)
Understanding U.S. Society[a]	One course (3)
Understanding the Past[a]	One course (3)
Two elective courses from any General Education Core category[a]	Two courses (6)
Foreign Language	Four semesters of a single foreign language at the college level (16)
Quantitative Reasoning	One course (3–5)
University Writing Requirement	ENGL 160 and ENGL 161 (6)
Writing-in-the-Discipline	One course (0–3)

a *Students should consult the* General Education *(*p. 86*) section of the catalog for a list of approved courses in this category.*

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. The following General Education Core requirements for the College of Liberal Arts and Sciences satisfy the University's minimum requirements. Students in the College of Liberal Arts and Sciences are required to take a total of nine courses. Of those, seven are prescribed: two laboratory courses in Analyzing the Natural World and one course in each of the other five categories. The remaining two courses may be chosen freely from among any of the six categories.

Students who register for a course that is listed in more than one category will have the flexibility of deciding which category the course will satisfy. They do not have to decide right away but may wait to see how their plan of study develops over time. The course, however, will fulfill the requirement of only one category. In other words, the course will not satisfy the requirement of two categories just because it is listed in two categories.

The General Education Core categories are as follows:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog.

Note: Up to two courses in the major may count toward fulfillment of General Education Core requirements. Students should see their department sections to determine if their major includes any approved General Education Core courses.

General Education Proficiencies—Foreign Language Requirement, Quantitative Reasoning Requirement, and University Writing Requirement

Foreign Language Requirement

The basic requirement is proficiency in a language that has a recognized literature or culture. The level of proficiency must be the equivalent of that expected of the student who has completed the elementary and intermediate levels of language study (i.e., the first two years) at the University of Illinois Chicago. Students studying a foreign language at UIC are strongly encouraged to register for required language courses in consecutive semesters until the requirement is met. Students may satisfy the requirement in any one of several ways:

1. By presenting qualifying scores on an Advanced Placement (AP) or International Baccalaureate (IB) examination in a foreign language, a qualifying score on a UIC foreign language placement test, a qualifying score on another authorized proficiency test for languages not offered at UIC, or appropriate coursework as awarded per the State Seal of Biliteracy.
2. By demonstrating proficiency in a language other than English via transferring college-level credit for a full or partial sequence of approved courses, as determined by the results of a placement test or placement by a language department.
3. With college approval, a student transferring from another university or another UIC college who has never been enrolled in LAS, who is admitted with senior standing and who has not satisfied the language requirement may do so by passing one course in a language sequence during each term in enrollment residence at UIC. Note: Seniors admitted with foreign language transfer credit must consult their LAS assigned advisor for the application for this rule.

4. By completing four semesters of language courses at UIC. The college currently offers complete sequences in Arabic, Chinese, French, German, Italian, Japanese, Korean, Latin, Lithuanian, Modern Greek, Polish, Russian, and Spanish.
5. By completing a partial sequence of language courses as determined by the results of a placement test or placement by a language department at UIC. The college determines eligibility for credit in a recommended course.
6. By presenting evidence of secondary education completed in a country where the language of instruction was other than English. No elementary- or intermediate-level course or proficiency credit will be given for that language. The language requirement, however, will be considered fulfilled only if the student receives college approval for application of this rule.
7. By presenting evidence of entry to the U.S. for the first time at the age of 12 or older from a country where a language other than English is the dominant or official language.
8. By demonstrating proficiency in American Sign Language via transferring credit for a full or partial sequence of approved courses from an accredited U.S. college or university, as determined by the results of a placement test or placement by a language department. Courses must include the study of deaf culture.
9. If a disability prevents or greatly impedes academic success in foreign language courses, with the support of the UIC Disability Resource Center, and an approved petition of the college, the Foreign Language Requirement may be completed via college approved course substitutions. Approved course substitution plans are determined on a case-by-case basis and typically require four courses, taught in English, that represent the culture, history, and literature relevant to a specific language area.

Quantitative Reasoning Requirement

Students in the College of Liberal Arts and Sciences must demonstrate competency in quantitative reasoning to earn a degree. Such competence can be demonstrated in any one of the following ways:

1. Achievement of a score on the mathematics placement examination high enough to qualify for enrollment in MATH 180. Placement in MATH 180 may be by other means determined by the Department of Mathematics, Statistics, and Computer Science.
2. Grade of C or better in any one of the following courses:

Code	Title	Hours
MATH 105	Mathematical Reasoning	4
MATH 110	College Algebra	4
MATH 121	Precalculus Mathematics	5
MATH 125	Elementary Linear Algebra	5
MATH 160	Finite Mathematics for Business	5
MATH 165	Calculus for Business	5
MATH 170	Calculus for the Life Sciences	4
MATH 180	Calculus I	4
STAT 101	Introduction to Statistics	4
STAT 130	Introduction to Statistics for the Life Sciences	4

3. Grade of C or better in a mathematically oriented course in a department in LAS other than Mathematics. Such courses must require MATH 105 or MATH 108 as a prerequisite. At present, such courses include:

Code	Title	Hours
COMM 201	Statistics in Communication Research	3
CLJ 262	Research Methods II	3
POLS 201	Political Data Analysis	3
PSCH 343	Statistical Methods in Behavioral Science	4
SOC 201	Introductory Sociological Statistics	4

4. Grade of C or better in a logic course in the Department of Philosophy: PHIL 102 or PHIL 210.
5. Transfer students may present equivalent courses taken elsewhere, for which they have received a grade of C or better, to satisfy this requirement.

University Writing Requirement

Each student must demonstrate proficiency in written expression by the successful completion of the following:

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3

The student's performance on the writing placement test determines whether the following courses must be completed as a prerequisite to ENGL 160:

Code	Title	Hours
ENGL 060	English as a Second Language Composition II	4
ENGL 150	Introduction to Academic Writing for Nonnative Speakers of English	3
ENGL 151	Introduction to Academic Writing	3

Students may receive 3 hours of proficiency credit in ENGL 160 based on the ACT English subscore or SAT Reading and Writing score. All students must complete ENGL 161.

ENGL 150 and ENGL 151 are preparatory courses for UIC's required academic writing sequence. Upon completion of either of these courses, however, the English department may recommend a waiver of ENGL 160 based on final course assessment. Students who receive this waiver earn 3 hours of proficiency credit for ENGL 160 and placement into ENGL 161.

Writing-in-the-Discipline Requirement

As part of the major, students must successfully complete at least one course that requires extensive writing. This course should be taken before the beginning of the student's last semester. A required Writing-in-the-Discipline course is included in each degree program.

Other Requirements

Course Level Requirement, Advanced Hours

A student must earn a minimum of 40 semester hours in advanced-level courses (those numbered 200 and above at UIC) at any accredited four-year college or university. At least 12 semester hours of these 40 advanced hours must be taken in the major field while in residence at UIC. Community college work, regardless of the course number or level,

is not considered advanced for the purposes of this requirement. General elective credit earned from the College Level Examination Program (CLEP) does not count toward advanced-level.

Coursework Limitations

Coursework completed at UIC and other accredited institutions is not automatically applicable toward graduation requirements. The final decision regarding the acceptance of credit and courses that apply toward degree requirements is made by the College of Liberal Arts and Sciences. Coursework considered by the college office as nonbaccalaureate or remedial is not accepted toward the degree. Coursework that duplicates previous work is counted toward graduation, whereas the original coursework does not count. No credit is given for a course in which a failing grade was received.

The College of Liberal Arts and Sciences restricts degree credit as follows:

- The college allows a maximum of three semester hours of personal training and physical fitness credit including the following 100-level UIC courses; KN 130, KN 136, KN 137, KN 194.
- Students may earn a maximum of three semester hours of 100-level Military Science and Naval Science courses. Students who have served for a minimum of six months of extended active duty in any branch of the armed forces for the United States can be awarded a total of 4 hours of 100-level Military or Naval Science credit for the service and may not count additional 100-level courses in Military Science or Naval Science toward their degree.
- No credit is given for doctrinal and canonical coursework taken in seminaries or any other institution that provides religious or sectarian training.
- No more than 16 semester hours of independent study may apply toward the degree. The maximum degree credit in independent study in an individual department or program is 8 semester hours. Fieldwork and internship courses that are formally required for the major are excluded from this limitation.
- A maximum of 24 semester hours in courses offered by other UIC colleges and acceptable by the College of Liberal Arts and Sciences may be applied toward the degree. Transfer courses from other liberal arts colleges must be equivalent to those offered by other UIC colleges to be acceptable. In cases where majors, minors, certificates, and curricula require courses not offered in the College of Liberal Arts and Sciences, the student may take no more than 24 hours of non-LAS courses in addition to those non-LAS courses required for the program.

Elective Credit

Together, the major and LAS course requirements generally do not provide the entire 120 semester hours required for graduation. Known as electives, those hours remaining should serve to enrich a student's educational background either through work allied to the major or in courses that can generally increase knowledge and understanding. Elective courses should always be chosen by a student for educational reasons, not simply for convenience or for semester hours. Students may wish to pursue a second major, minor(s), or certificate(s) program in the fulfillment of their remaining degree hours.

Grade Point Average (GPA) Requirement

A student must earn a cumulative grade point average of at least 2.00/4.00 in all work taken at UIC. In addition, the combined average of a student's transfer work and work taken at UIC must be at least 2.00. A minimum grade point average of 2.00 is required for all courses in the major field. In addition, the combined average of transfer work and work taken at UIC in all courses in the major field must be at least 2.00. Some majors may require a higher grade point average. Failure to maintain the required minimum grade point average in the major may result in the student's dismissal from that major.

Graduation Declaration/Filing to Graduate

Students declare their intent to graduate online using my.UIC. Students who do not have access to my.UIC should contact the LAS Student Academic Affairs Office to file the Intent to Graduate form. The deadline for submission to the Pending Degree List is the end of the third week (fall and spring) or second week (Summer Session 2) of the term in which graduation is sought. Failure to submit the request at this time may delay the awarding of the degree. A final review will be made following the close of the term. If a student has satisfactorily completed all the degree requirements, the student's name will be placed on the official degree list.

The College of Liberal Arts and Sciences reserves the right to recommend the awarding of a degree once degree requirements have been fulfilled without prior request or approval of the student.

Enrollment Residence Requirement

For the major, a student must complete at least one-half of the coursework required for the major, excluding collateral course requirements, in enrollment residence at the University of Illinois Chicago. The major coursework completed in residence must include at least 12 semester hours at the advanced level.

For all coursework, either the first 90 semester hours or the last 30 semester hours of degree work must be completed in continuous, uninterrupted enrollment residence at the University of Illinois Chicago. Concurrent attendance at the University of Illinois Chicago and another collegiate institution, or enrollment at another institution, when approved by the student's college, does not interrupt the UIC enrollment residence requirement for graduation.

Credit earned through military service or non-UIC test-based credit such as but not limited to College Level Examination Program (CLEP), Advanced Placement Program (AP), International Baccalaureate Program (IB), and State Seal of Biliteracy will not apply to the last 30 semester hours of enrollment residence.

Study abroad and distance-learning courses that have been approved by the student's major department and by the college are not considered an interruption of enrollment residence for students in the College of Liberal Arts and Sciences.

60-hour Requirement

At a minimum, 60 semester hours are required at the University of Illinois Chicago or any other accredited four-year college or university. Additionally, students must complete the enrollment residency requirement to graduate (see Enrollment Residence Requirement).

Transfer Credit

Coursework completed at other colleges and universities may apply toward partial fulfillment of graduation requirements and may be used as prerequisites for courses at UIC. The University of Illinois Chicago is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows for the transfer of the IAI-approved General Education Core Curriculum between participating institutions. Please consult Illinois Articulation Initiative (p. 42) in the Admissions section of the catalog. The

final decision, however, regarding the acceptance of credit and courses that apply toward degree requirements is made by the College of Liberal Arts and Sciences.

Students who transfer coursework may anticipate some loss of credit. This might require more time to complete the degree than had been originally planned. When the loss of credit occurs, it does not imply a negative evaluation of a student's transfer work but rather a lack of appropriateness for the programs of the college. Attendance at new transfer student orientation is strongly encouraged as an individualized assessment of progress-to-degree and appropriate course selection will be reviewed. New transfer students who are unable to attend orientation are required to complete an advising appointment before or during their first term to ensure continued enrollment. For more information regarding the transferability of credits prospective students may create an account at Transferology.

Transfer Credit for Continuing Students

Continuing students who want to take coursework for credit at another institution, either concurrent with UIC enrollment or during the summer term, must obtain prior approval from their LAS assigned advisor and, where appropriate, the relevant department to ensure the transferability of coursework. Students are obligated to report all work from other institutions. 60 hours at a four-year school are required for graduation (see 60-hour Requirement). Additionally, students must complete the enrollment residence requirement to graduate (see Enrollment Residence Requirement).

Secondary Education Program Requirements

Students who are preparing to teach at the secondary level enroll in programs supervised by the departments offering the various majors. These programs, which have state approval and differ in some respects from those of the arts and sciences programs, prepare the student for State of Illinois licensure.

Completion of a secondary education curriculum leads to either the Bachelor of Arts or the Bachelor of Science in the teaching of the field of specialization. The choice of a major determines the particular degree that will be awarded. Those who complete a secondary education curriculum may not pursue a second major or curriculum; only secondary education majors may elect a teacher education minor or endorsement. A student must choose a major field from the following academic disciplines: English, French, German, History, Mathematics, or Spanish. Detailed information is available in the College of Education (p. 207) section of the catalog.

Secondary Licensure

Students interested in completing the approved program leading to licensure at the secondary level should consult the College of Education. For information on licensure, consult the Council on Teacher Education.

College Policies

All students in the College of Liberal Arts and Sciences, whether enrolled as full-time, part-time, nondegree, or visitor, are subject to all rules of the college.

Academic Load and Semester Hour Overload

In the College of Liberal Arts and Sciences, students may enroll in either a part-time or full-time program of study, in either day or evening classes. During the fall and spring semesters, a minimum full-time program is 12 semester hours, however, 14–16 hours are recommended. To ensure adequate progress-to-degree it is recommended that students complete 30 semester hours a year, including the use of summer session as needed. A program of 19 semester hours or more must be approved by a student's assigned academic advisor. For Summer Session 1 (four-week) and Summer Session 2 (eight-week), UIC considers a total aggregate of 6 semester hours (5 hours for graduate students) as the minimum number necessary to constitute full-time enrollment. A program of 13 semester hours or more during the summer session must be approved by a student's assigned academic advisor. Semester hour overloads are considered on a case-by-case basis and may be denied. Considerations used in the granting of a credit overload include a student's academic history, which may include the following; GPA, number of terms completed at UIC, program, (number of hours and rigor). Additionally, the rigor of the current registration will be taken into consideration for overload approval. Semester hour overloads will not be considered for students who are on academic notice (term or overall) or for new students in their first term at UIC. Students who will not be graduating in the term for which they are requesting an overload must wait until the add/drop period at the beginning of the term in order to request course overload approval.

Academic Notice and Dismissal Rules

Deficit Points and Academic Recovery

To better understand academic notice, dismissal, and academic recovery, it is important to understand deficit points. Students who have earned a UIC total GPA below a 2.00 will have negative deficit points. Deficit points are calculated as follows: multiply the number of semester hours for each course taken by the points for the grade received, A=+2, B=+1, C=0, D=-1, F=-2. Add the points for each course taken during the semester. The total equals the deficit points used to determine academic notice and dismissal. For every negative deficit point earned, an equivalent in positive points must be earned to offset the negative, returning the GPA to 2.00, and good academic standing. As an example, students with a -14 deficit would need a subsequent semester of 14 semester hours of B grades, with nothing less than a C in order to return to good standing. A personalized degree audit found in uAchieve detail academic deficit, semester, and total GPAs.

Term Notice Rules

A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a call to action for the student to seek support from campus success resources, including academic advising. A student on term notice who earns a UIC Term GPA of at least 2.00/4.00 will be removed from term notice. Term notice resulting from a UIC GPA cannot be removed by coursework from other institutions or universities, including programs of the Springfield and Urbana-Champaign campuses.

Academic Notice Rules

A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.00/4.00. This rule applies even for the student with a cumulative GPA of 2.00/4.00 or higher. For such a student, academic notice serves as a warning for the student to seek support from campus success resources, including academic advising. An end-of-term academic standing of academic notice indicates that a student may be academically dismissed should subsequent semesters of negative GPA performance continue; see dismissal rules.

A student on academic notice who earns a GPA of at least 2.00/4.00 in a given term will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.00/4.00. Academic notice resulting from a UIC GPA cannot be removed by coursework from other institutions or universities, including programs of the Springfield and Urbana-Champaign campuses. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC coursework must also be at least 2.00/4.00.

A student currently on academic notice will be continued on academic notice when one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the student's transfer credit and UIC course work to at least 2.00/4.00.

To support degree completion, a designate of the dean of the student's college may require the completion of specific courses and/or prohibit continued enrollment in areas where the student consistently fails to meet minimum academic standards. The college may notify the student of these limitations through an academic contract. Additionally, the college may require additional mandatory advising and the creation of a success plan to promote continued enrollment and academic recovery. For assistance in choosing a major, see Major Exploration and Career Development (p. 318).

Dismissal Rules

The college is greatly concerned with student success and occasionally must take steps to encourage a student to remediate academic deficits and/or reevaluate their commitment to higher education. After careful consideration of a student's ability to recover from academic difficulty, the college may elect to academically dismiss a student and cancel their continuing student status.

In any term, a student may be dismissed for one or more of the following reasons:

1. First-term students will be dismissed after their first term of enrollment if they earn zero credit, have a grade point average of less than 1.00/4.00, or have a deficit of -15 points or more.
2. Continuing students will be dismissed at the end of any term in which their deficit points are -15 or more.
3. Failure to earn any credit.
4. Failure to earn at least a 2.00/4.00 GPA while on academic notice.
5. Failure to meet the conditions of an academic contract.
6. Failure to meet conditions specified at the time of admission.
7. Failure to make progress toward completion of an LAS degree.
8. Two or more consecutive terms of university withdrawals.

a *In other university publications, Dismissal Rules are sometimes referred to as Drop Rules. Term Notice and Academic Notice may be referred to as Probation.*

Appeal of a Dismissal Decision

Students who have been dismissed may apply for readmission after two terms (excluding the summer session), applications originate at the office of admissions. It is important to note, that students are afforded 15 weeks to complete a term withdrawal, available online, through the last day of instruction. In the event that serious health or personal issue prevented the student from completing the online term withdrawal by the deadline, or extenuating circumstances prevented the student from completing finals, students will have the limited opportunity to submit a written petition for immediate reinstatement. The student may request immediate reinstatement by following the guidelines as outlined in the college dismissal letter.

Change of Course Schedule

Adding Courses

Students may add courses for which they have met the prerequisite(s) if seats are still available during the first two weeks of the fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. Students should seek approval of the instructor to enroll in a class after the fifth day of the semester since some courses prohibit enrollment during the second week in accordance with college policy.

The deadline for adding or switching sections of ENGL 160 and ENGL 161 is the end of Week 1 of the semester. After Week 1, adding or switching sections of these courses is not permitted.

Dropping Courses

Undergraduate students may drop courses using my.UIC through the end of the second week of classes for fall and spring semesters, or through the first Wednesday of Summer Session 1 and the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of the college. If the drop occurs between 0–2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring, a W is noted on the transcript. During their entire undergraduate degree program, undergraduate students may drop a maximum of four UIC individual courses that result in a W notation on their transcript. These drop requests are approved, regardless of the circumstances, provided that the student meets with an LAS academic advisor within the designated period and that the student has not exceeded the limit of four late drops. The merits of the student's request are not a factor in determining eligibility to late drop.

Given that four total course late drops are available to a student over the entire period in which they are enrolled at UIC, students are advised to evaluate their academic standing in the course with the instructor before requesting to exercise one of these four late drops.

Requests to drop a course after the tenth week of the fall and spring semesters, or requests to drop a course within the approved exception period in excess of the four automatic drops are not routinely granted unless there are exceptional circumstances outside of the student's control that can be documented. Requests must include a written petition and are reviewed by the committee on petitions. Poor performance in a course is not a sufficient reason to approve a request. Students may inquire about the petition process by contacting their LAS assigned academic advisor.

Course drop deadlines that apply to summer sessions are announced by the Office of the Registrar on its website.

Change of Major

Students seeking to change or add a major should declare the new major with the department offering that major (see Declaring a Major).

Some programs require that specific requirements be fulfilled in order to declare a major and/or be retained in a major. For more information about LAS majors, see the Explore LAS Majors web page. For more information about pre-health/pre-science or differential tuition, see the differential tuition web page.

Class Attendance

Each instructor may establish their own attendance policy, including penalties for nonattendance. Failure to attend class does not result in automatic withdrawal from a course. The college expects that students will attend all classes. Students must be registered to attend courses and to earn credit.

Closed Courses

A course is considered closed or full when the enrollment maximum set for that course has been reached. Over-enrollment into a closed course or attendance in such a course is prohibited. Retroactive registration is not allowed. The academic department of instruction should be consulted when a lack of availability prevents progress-to-degree. Students are encouraged to take note of their registration time ticket, the date and time they are eligible to register. Students with advanced standing are permitted to register ahead of students who have earned fewer hours.

Course Prerequisites

A student must satisfy course prerequisites before enrolling in a course. A student enrolling in a course without having met the prerequisites may be withdrawn from the course without prior notification. See Course Backtracking below. Course prerequisites are listed in both the Course Descriptions section of the catalog and XE Registration/View Classes in my.UIC.edu. **Warning**: Registration in a course without meeting prerequisites does not imply approval of the registration.

Course Backtracking

Course backtracking, taking a#prerequisite courseafter earning credit in a successive course (see: Course Prerequisites above), is not permitted. When a student has backtracked, the earned grade of A, B, or C in the prerequisite course will be changed to CR.

Credit/No Credit Option

The credit/no credit option allows the student to complete a course with a grade of credit (CR) or no credit (NC) instead of a letter grade. Courses completed with a grade of CR carry credit and apply toward degree requirements. In general, grades of CR and NC are final and cannot be changed to letter grades. College policy coincides with campus policy with the following conditions:

1. Only students in good standing may elect to take a course under the credit/no credit option. Students on academic notice and those whose status is undetermined at the time at which they elect the option are not eligible.
2. A student may request only one course per term as credit/no credit.
3. No more than two courses in a single discipline may be taken as credit/no credit.
4. Only elective courses may be taken on a credit/no credit basis; courses being used to meet any graduation course requirements must be taken for letter grades.
5. The following describes the restrictions that apply to all students, regardless of major or curriculum:
   a. Students may not take ENGL 160 or ENGL 161 as credit/no credit.
   b. Students may not take any course used to satisfy the foreign language requirement as credit/no credit.
   c. Students may not take any course used to satisfy the General Education Core requirements as credit/no credit. Until students have completed the minimum requirement in each General Education Core category, courses from these areas may not be taken as credit/no credit.
   d. Students may not take any course used to satisfy the Quantitative Reasoning requirement as credit/no credit.
   e. Students may not take any course being used to satisfy the requirements of the major, minor, or the required prerequisite and collateral courses of the major as credit/no credit.
   f. Students in the health sciences curricula are advised not to complete required science courses under the credit/no credit option.
6. A student may earn no more than 21 semester hours of credit at UIC under the credit/no credit option.

Students must apply to take a course credit/no credit at the college office, third floor, University Hall, no later than the tenth day of the term (first Wednesday of Summer Session 1 or first Friday of Summer Session 2). After that date, students may not request courses on a credit/no credit basis nor may they change a credit/no credit request previously submitted. It is the responsibility of the student to determine eligibility under the regulations. Students requesting a course under the credit/no credit option will be informed if they are ineligible and will receive a grade for the course. Students with questions concerning their eligibility should make an appointment with their assigned LAS academic advisor. Instructors are not informed that a student has elected this option; the final grade is converted to CR/NC.

Declaring a Major

The College of Liberal Arts and Sciences actively supports students in their search for a major that is both personally and professionally rewarding. Resources to help students facilitate their search are available on the Explore LAS Majors web page. While a student may begin taking courses in a major at any time, a student must declare a major no later than the completion of 45 semester hours. Transfer students entering with 45 semester hours or more must declare a major by the end of their first term at UIC. To declare a major, the student should meet with the major advisor. Please note: some departments require that students achieve a minimum grade point average in designated courses before admission into the program.

Failure to declare a major after earning 45 semester hours will result in a registration hold for the following semester unless an exception has been approved by an LAS advisor.

The College of Liberal Arts and Sciences reserves the right to restrict the enrollment of students into its academic programs based on space availability. Enrollment restrictions may be enacted at any time and may be applicable to first year students, undeclared continuing students, or students pursuing a second bachelor's degree.

Incoming students who have not declared a major but are either exploring a science curriculum or actively pursuing specific pre-health educational goals will be assigned to the Pre-Health/Pre-Science program and assessed differential tuition. Certain courses are considered preparatory for pre-health and science curricula. See the differential tuition web page for pre-health goals and a list of preparatory courses. Students without a declared major should be aware that if they register for any of the preparatory courses, they will #be moved to the

Pre-Health/Pre-Science program prior to the tenth day of the term and assessed differential tuition.

Double Major, Double Degrees, and Second Bachelor's Degree

Double Major

A student may declare a second major with the approval of the college office. An additional major will not be approved if the first major and the proposed second major involve similar study or substantial duplication of coursework. With few exceptions, an additional major will not be approved if the first major and proposed second major are in the same department. Students in a specialized curriculum (see list of degree programs) cannot have a second major. A student declaring a degree program defined as a specialized curriculum (see list of degree programs) may not have a second specialized curriculum (see list of degree programs) program.

The following LAS double major program combinations are prohibited:

- Major in Integrated Health Studies, Concentration in Health and Science and Major in Biological Sciences
- Major in Integrated Health Studies, Concentration in Behavioral Health and Major in Psychology/Applied Psychology (BS and BA)
- Major in Mathematics and Major in Statistics
- Major in Mathematics and Major in Mathematics and Computer Science
- Major in Mathematics and Computer Science and Major in Statistics

Double Degrees

In some cases, a student may receive two degrees concurrently from the College of Liberal Arts and Sciences. The student must complete 30 semester hours of credit at UIC beyond the requirements for the first degree in courses not offered for the first degree. In addition, the student must complete all degree requirements of the college (foreign language, quantitative reasoning, LAS general education, advanced hours), and the major department. Double degrees will not be approved if the first degree and the proposed second degree involve the study of a similar area or substantial duplication of coursework.

For the purposes of declaration, a student must be in good academic standing. An LAS student must consult an academic advisor in the college office to initiate a request for double degrees. The college does not approve requests for more than two bachelor's degrees.

The following LAS double degree program combinations are prohibited:

- BS in Computer Science and Linguistics and BS in LAS Major in Mathematics and Computer Science, Concentration in Algorithms and Theory
- BS in LAS Major in Biological Sciences and BS in Chemistry
- BS in Biochemistry and BS in LAS Major in Biological Sciences
- BS in Biochemistry and BA in LAS Major in Chemistry
- BS in Biochemistry and BS in Chemistry
- BS in Biochemistry and BS in Neuroscience
- BS in LAS Major in Integrated Health Studies, Concentration in Health and Science and BS in LAS Major in Biological Sciences
- BS in LAS Major in Integrated Health Studies, Concentration in Behavioral Health and BS/BA in LAS Major in Psychology/Applied Psychology
- BS in LAS Major in Mathematics and Computer Science and BS in LAS Major in Mathematics
- BS in LAS Major in Mathematics and Computer Science and BS in LAS Major in Statistics
- BS in Neuroscience and BS in LAS Major in Biological Sciences
- BS in Neuroscience and BS in LAS Major in Integrated Health Studies
- BS in Neuroscience and BS/BA in LAS Major in Psychology/Applied Psychology
- Any teaching education degree with a degree from the same academic department

Students pursuing programs across colleges will not be awarded where the first degree and the proposed second degree involve the study of a similar area or substantial duplication of coursework (exe: a Bachelor of Science in Liberal Arts and Sciences with a major in Biological Sciences and a Bachelor of Science in Biomedical Engineering). Students from other colleges may complete an online application for a double degree.

Second Bachelor's Degree

A student with a bachelor's degree from UIC or another institution may receive a second bachelor's degree from the College of Liberal Arts and Sciences subsequent to the first undergraduate degree. The student must complete 30 semester hours of credit at UIC beyond the requirements for the first degree in courses not offered for the first degree. In addition, the student must complete all degree requirements of the college (foreign language, quantitative reasoning, and general education) and the major department. For specific information on these requirements, consult the department listings in the catalog.

A second bachelor's degree will not be approved if the first degree and the proposed second degree involve the study of a similar area or substantial duplication of coursework, see prohibited degree program list under double degree. Proposed second degrees involving the same area of study with a minor may not be approved. The student must apply via the office of admissions as a second degree-seeking student. The college does not approve requests for more than two bachelor's degrees, nor for bachelor's degrees subsequent to a graduate degree. The College of Liberal Arts and Sciences reserves the right to restrict enrollment of students into its academic programs based on space availability.

Rules Governing the Major

The major consists of discipline-specific courses, excluding required prerequisite and collateral courses outside of the major department. Specialized curricula include all courses required for the undergraduate degree. Degree program listings in the department sections address these differences.

A liberal arts and sciences degree program may not include less than 27 or more than 40 semester hours of coursework in the major field and 36 semester hours of prerequisites and collateral coursework. For those departments and programs that require prerequisites and collateral courses, the total field of specialization may not exceed 72 semester hours. Writing-in-the-Discipline courses may be excluded from this limitation. The major, exclusive of collateral courses, must include 14 semester hours of upper-division (200-, 300-, or 400-level) courses. Specialized curricula must meet the minimum requirements for graduation in the college. The maximum number of hours allowed in a specialized curriculum will be considered on a case-by-case basis.

Enrollment Residence Requirement in the Major

At least one-half of the coursework required for the major field must be completed in enrollment residence at UIC. Credit earned through military service or non-UIC test-based credit such as but not limited to College Level Examination Program (CLEP), Advanced Placement Program (AP), International Baccalaureate Program (IB), and State Seal of Biliteracy does not apply.

Double Major

Cross-listed courses may count toward specific requirements in each major, including the semester hours. A student need not repeat coursework, duplicate requirements, or make up semester hours to complete the second major. Students may not double major across colleges.

Graduate-Level Courses for Undergraduate Credit

With department approval, an undergraduate student may enroll in a course in the Graduate College (500 level) for undergraduate elective credit. With the approval of the director of undergraduate studies, graduate-level credit may be applied toward a student's major. Prior to enrollment students must obtain instructor approval and fulfill any stated prerequisites.

Students should understand that graduate-level courses taken by an undergraduate student are generally not applicable toward a graduate degree, except in designated joint degree programs.

Cross-Listed Courses

Courses cross-listed in two or more departments have equivalent standing in each department and are treated as the same course regardless of the department under which the registration occurs.

Independent Study Course Options

A number of departments offer independent study course options (research, field experience, internship, and independent study) in which a student's special interests may be pursued under the direction of a faculty member. To enroll in such a course in any UIC college, the LAS student must have a minimum 2.50/4.00 grade point average in all coursework taken at UIC and must obtain the consent of the instructor and the department offering the course prior to registration. No student may enroll in an independent study course option after the tenth day of the term without the approval of the department and the dean's office.

A maximum of 8 semester hours in any of the independent study course options in a given department or program may count toward the degree. No more than 16 semester hours of independent study credit may apply toward the degree. Because many of these courses may not be repeated, students should consult the catalog for specific credit limitations. Please note fieldwork and internship courses that are specifically required in the major as stated in this catalog are excluded from this limitation.

Petition Procedure

Any rule, regulation, or action of the college may be petitioned in writing. Continuing students must initiate the petitions process in consultation with their assigned academic advisor. Former students may submit a petition via lasadvising@uic.edu. It is the student's responsibility to provide documentation in support of a petition. To be eligible for consideration a petition must address an academic term within the last two years. Submission of a petition does not imply approval.

Rules Governing Placement Tests

Placement tests are used by UIC departments to determine appropriate initial course of study within a course sequence. Placement tests do not award academic credit.

Required and recommended placement tests will be determined by college and university degree requirements and desired program(s) of study. All first year students will be required to complete select placement tests. New transfer and readmit students are encouraged to complete placement tests in subjects for which they wish to enroll at UIC. Continuing students may be required to complete select placement tests in subjects they wish to study. The university does not accept placement test results from other institutions.

Students with earned credit (via completed coursework completed outside of UIC or awarded test-based credit) are permitted to register for the next course in a sequence, but are encouraged to complete the appropriate placement test(s) in order to confirm the most appropriate registration. Students are not permitted to complete a placement exam if they have completed a course at UIC in the subject of the test. Testing exemptions are listed online.

Academic Writing Placement Test

Required for: First year students

Chemistry Placement Test

Required for: All students pursuing a degree program or educational goal that requires any level of Chemistry.

Foreign Language Placement Tests

Required for:

- Students intending to study Chinese or Spanish (all levels)
- Students intending to study a language they have previously studied in the classroom or been exposed to (heard, spoken, read, or written) from family/friends in social settings.

Math Placement Test

Required for:

- First year students
- All students intending to take math at UIC at the Calculus I (MATH 180) level or below, who do not have transfer or test-based credit awarded.

Physics Placement Test

Required for: All students pursuing a degree program that requires completion of calculus-based physics, PHYS 141 and PHYS 142.

Retaking Placement Tests

- All placement test scores are valid for one year. The only exception is placement into the Spanish Heritage Language Program (SPAN 113 or SPAN 114); those placements do not expire.
  - If it has been less than a calendar year since a student has completed a placement test, the placement test is still valid and the student may register for the designated course, even if the start of the term in which the student is taking the course is after the placement expires.
- Students are not permitted to repeat a placement test within a year of having taken the same test.

  - Exceptions to this include:
    - The Math/ALEKS placement test can be repeated up to four times. Students are required to wait 72 hours in between retakes of the Math placement test, and to complete five hours of the ALEKS Learning Module.
    - The Chemistry placement test can only be repeated within a year of having taken the same test by students with an original placement of “Postpone Chemistry until passing MATH 110 (or equivalent) with a grade of C or better.”, and who have completed MATH 110 with a grade of C or better.
- Students are not permitted to repeat a placement test after having completed a course at UIC in the subject of the test (“completed” meaning that the student has earned a final grade other than W).
- Exceptions to this can include:
  - Students who state that they have studied the subject/language intensively since they last took coursework in the subject/language and believe they could improve their placement.
  - Language-specific:
    - Students who state that they have lived or traveled in a country in which the respective language is spoken since they took coursework in the language and believe they could improve their placement.
    - Students who state that they have lived with someone who speaks the respective language since they took coursework in the language and believe they could improve their placement.
- Students requesting to retake a placement test after having completed a course in the subject of the test should talk with their LAS assigned academic advisor to request their exception be reviewed.

Proficiency Examinations

LAS departments may offer proficiency examinations, which are similar in content to regularly scheduled final course exams. To take such an exam, however, a student must meet the eligibility requirements of both the college and department. Consideration for such approval includes a careful review of the student’s secondary and postsecondary records. If approval is granted, the minimum passing grade that a student must earn is a C, although a department may require a higher passing grade. When credit is awarded, a grade of P (Pass) is assigned. The Pass grade is not included in a student’s grade point average, but the credit may apply toward the total hours required for graduation. Note that proficiency credit does not apply toward nor interrupt the 30-hour enrollment residence requirement for graduation.

Although other limitations apply, proficiency exams may not be taken by a student who has credit for more than one course in the subject above the level of the course in which the exam is required. For more detailed information on eligibility criteria, consult Proficiency Examinations for Enrolled Students in the Academic Standing (p. 71) section.

Retroactive Credit for Writing Composition

A student who places into ENGL 161 via the Writing Placement Test and subsequently passes ENGL 161 with a grade of B or higher may receive academic proficiency credit for ENGL 160 . The ENGL 160 requirement would still be waived for any student who does not earn a grade of B or higher in ENGL 161, but credit for ENGL 160 would not be granted. This applies only to incoming students who place into ENGL 161 via the placement test and who do not have prior credit for college writing coursework.

Retroactive Credits in Foreign Language

A student who has placed into the 104 or higher level of a foreign language taught at UIC as the result of the UIC administered placement tests may receive academic proficiency credits for prerequisite courses.

- Placement into the 104-level provides four hours of proficiency credit for the 103-level course if the student completes the 104-level course with a grade of B or higher.
- Placement into the final course in a heritage language sequence will provide four hours of credit for the prerequisite course, if the student completes the course with a B or higher.
- Placement at the 200-level, i.e., student has satisfied the college foreign language requirement through placement testing, provides four hours of proficiency credit for the 103-level course and four hours of proficiency credit for the 104-level course if the student completes the 200-level course with a grade of B or higher. The same provision applies to heritage language course placement except that proficiency credit is awarded for the two previous prerequisite heritage courses.
- These credits are awarded only for courses taught at UIC and only on the basis of student placement test results for those with no prior college-level foreign language credits. Retroactive credit may be applied for a single student for more than one language sequence.
- Proficiency credits appear as “PS” on the transcript and are not calculated into the grade point average. Proficiency credit does not apply to placements based on AP or IB scores for which credits are applied in a prescribed manner. CLEP credits are not accepted for foreign language courses.
- Proficiency credit is not awarded for a 104-level course if a student has transfer, AP, or IB credit for a 103-level course, and then places into and receives an A or B in a 200-level course at UIC.
- Students are eligible for proficiency credits in a language that they have not previously earned credit in, even if they have previously taken course(s) in another foreign language. For example, if a student has earned credit in Polish, but now wants to study Chinese and places into CHIN 104, they could be eligible for proficiency credit in CHIN 103, if they take and pass CHIN 104 with a grade of B or higher.
- Native speakers of a foreign language, including international students, are eligible to earn retroactive foreign language credits.
- Students to whom this section applies must initiate the request for the credits with their assigned academic advisor in the LAS Academic Advising Center.

Registration Approval

All new first year students are required to attend new student advising and registration (p. 317) program prior to registration. Certain students, such as readmits, may be required to see their assigned advisor prior to registration. First year students are required to meet with a college academic advisor during their first two semesters in order to register for the following semester.

Repeat Policy for Standard Graded Courses

Courses in which a student earned a grade of A or B or C may not be repeated. Courses with D or F grades may be repeated once without written permission. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. The original

grade and the grade for each repeat will be calculated into the grade point average. Only one registration for the course counts toward the total number of credits required for graduation. A student may not repeat a course after receiving credit in a course for which the repeat course is a prerequisite, administrative sanctions may apply, see Course Backtracking above.

To repeat a course more than once (third attempt) requires written permission from the student's college dean. Failure to obtain consent is subject to administrative registration revision. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The semester hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree-seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Transferring

Intercollege Transfer Students

Students currently enrolled at UIC who want to transfer into the College of Liberal Arts and Sciences should complete an Intercollege Transfer Application. Students are invited to discuss their academic interests with an LAS academic advisor during intercollege transfer information sessions, which are regularly scheduled throughout the fall and spring semesters. Applications must be submitted by the end of a given term. Admission to LAS is generally limited to those students in good academic standing who have a UIC grade point average of at least 2.00/4.00 and whose combined UIC and transfer grade point average is at least 2.00. Those students who are accepted into LAS are expected to enroll immediately in courses that fulfill LAS degree requirements.

Transfer Students from Other Universities

Prospective students applying to the UIC's College of Liberal Arts and Sciences as new transfers—those who will have earned at least 36 semester hours or 54 quarter hours of credit by the time of enrollment—must submit complete transcripts from all postsecondary institutions. Provided space is available, it is recommended that applicants have a 2.50/4.00 grade point average for consideration. Transfer applicants with fewer hours are encouraged to apply if they have at least one graded term of college coursework (high school transcripts and ACT/SAT scores will be required in this case). Please consult the Admissions (p. 42) section of the catalog for more information. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

Transferring out of the College

An LAS student who wants to transfer into another UIC college must follow the procedures of that college. For information on application procedures and deadlines, consult the Intercollege Transfer web page or the LAS Academic Advising Center.

Minors

Although a minor is not required, a student may elect to complete one or more minors. LAS students may complete a minor in another college, with the approval of that college.

Minor	Department	Hours
Anthropology	Anthropology	20
Arabic	Classics and Mediterranean Studies	16
Biological Physics	Physics	14-19
Biological Sciences	Biological Sciences	19
Black Studies	Black Studies	15
Central and Eastern European Studies	Polish, Russian, and Lithuanian Studies	12
Chemistry	Chemistry	18–20
Chinese	Linguistics	16
Classical Studies	Classics and Mediterranean Studies	15
Communication	Communication	18
Comparative Cultural Studies	Literatures, Cultural Studies, and Linguistics	15
Criminology, Law, and Justice	Criminology, Law, and Justice	18
Earth and Environmental Sciences	Earth and Environmental Sciences	18
Economics	Economics	18–20
English	English	18
French and Francophone Studies	French and Francophone Studies	18
Gender and Women's Studies	Gender and Women's Studies	18
Germanic Studies	Germanic Studies	16
Global Asian Studies	Global Asian Studies	15
Global Middle East Studies	Anthropology	15
History	History	15

International Politics	Political Science	18
International Studies	Interdepartmental	21
Italian and Italian American Studies	Hispanic and Italian Studies	19
Latin American and Latino Studies	Latin American and Latino Studies	15
Law and Society	Criminology, Law, and Justice	18–19
Linguistics	Linguistics	18
Logic, Argumentation, and Writing	English	18
Mathematics	Mathematics, Statistics, and Computer Science	20
Mathematics and Computer Science	Mathematics, Statistics, and Computer Science	22
Moving Image Arts	Interdepartmental	18–20
Philosophy	Philosophy	15
Physics	Physics	17
Polish Studies	Polish, Russian, and Lithuanian Studies	12
Political Science	Political Science	18
Professional Writing	English	15–18
Psychology	Psychology	17
Religious Studies	Interdepartmental	18
Russian Studies	Polish, Russian, and Lithuanian Studies	12
Social Justice	Gender and Women's Studies	16
Sociology	Sociology	15
Spanish	Hispanic and Italian Studies	18
Spanish for the Professions	Hispanic and Italian Studies	15
Teaching of English	English	18

Rules Governing the Minor

- Cross-listed courses may count towards either rubric in each applicable program regardless of the registered rubric section.
- An individual course and its semester hours are applied to each declared program. Courses can fulfill the requirement and hours of more than one academic program.
- The number of semester hours required for the LAS minor is 12 to 22.
- A teacher education minor may be completed only by a secondary education major.
- Also, with few exceptions, a minor will not be approved if the student's major and proposed minor are in the same department.
  - Allowable exceptions:
    - BS in Computer Science and Linguistics and a Minor in Chinese
    - Major in Classical Studies and Minor in Arabic
    - Major in Criminology, Law, and Justice and Minor in Law and Society (Public Law concentration only, CLJ course not allowed)
    - Major in Gender and Women's Studies and Minor in Social Justice
    - Major in Political Science and Minor in Law and Society (Criminal Justice or Law in Social Context concentrations only, POLS courses not allowed)
- Minors that have substantial overlap with major and specialized curriculum content are not allowed.
  - Prohibited combinations:
    - BA in LAS Major in Political Science, Concentration in Law and Courts and Minor in Law and Society, Public Law track
    - BS in LAS Major in Integrated Health Studies, Concentration in Health and Science and Minor in Biological Sciences
    - BS in LAS Major in Integrated Health Studies, Concentration in Behavioral Health and Minor in Psychology
    - BS in LAS Major in Mathematics and Computer Science and Minor in Mathematics
    - BS in Biochemistry and Minor in Biological Sciences
    - BS in Biochemistry and Minor in Chemistry
    - BS in Computer Science and Linguistics and Minor in Linguistics
    - BS in Computer Science and Linguistics and Minor in Mathematics and Computer Science
    - BS in Neuroscience and Minor in Biological Sciences
    - BS in Neuroscience and Minor in Psychology
    - All Teacher Education Degrees and minor in same content department
  - A double minor may not be approved if the second minor involves the same area of study or substantial duplication of coursework with the student's first minor.

Course-Level Requirement for the Minor

At least 9 semester hours in the minor field must be at the advanced level (200-, 300-, or 400-level courses), except in a foreign language, where a minimum of 6 semester hours is required. Of the 9 semester hours at the advanced level, 6 must be in enrollment residence at the University of Illinois Chicago. A minimum grade point average of 2.00/4.00 is required for all courses in the minor field. In addition, the combined grade point average of transfer coursework and coursework taken at UIC in all courses in the minor field must be at least 2.00.

Enrollment Residence Requirement in the Minor

A student must complete at least one-half of the coursework required for the minor field in enrollment residence at UIC. Credit earned through military service or non-UIC test-based credit such as but not limited to College Level Examination Program (CLEP), Advanced Placement Program (AP), International Baccalaureate Program (IB), and State Seal of Biliteracy does not apply.

Undergraduate Campus Certificates

The following campus certificates are available to undergraduate students.

Code	Title	Hours
Certificate	**Department**	
Academic Spanish for Heritage Speakers	Hispanic and Italian Studies	16
German Language	Germanic Studies	17

Health, Culture, and Society	Anthropology	15
Polish Language	Polish, Russian, and Lithuanian Studies	17
Russian Language	Polish, Russian, and Lithuanian Studies	17

Undergraduate certificates are designed for individuals enrolled in a UIC undergraduate program and are awarded only upon completion of the undergraduate degree. A certificate may not be approved if it involves the same area of study or substantial duplication of coursework with the student's major, specialized curriculum, or minor.

Enrollment Residence Requirement in the Certificate

A student must complete at least one-half of the coursework required for the certificate in enrollment residence at UIC. Some certificates may have additional requirements related to residency. Credit earned through military service or non-UIC test-based credit such as but not limited to College Level Examination Program (CLEP), Advanced Placement Program (AP), International Baccalaureate Program (IB), and State Seal of Biliteracy does not apply toward enrollment residence for the certificate.

Academic Advising

Academic Advising Mission Statement

The Office of Student Academic Affairs in the College of Liberal Arts and Sciences supports students throughout their academic journey—from admission to graduation—by ensuring their individual educational needs are met while upholding the academic standards established by the faculty. As a primary source of college information, the LAS Student Academic Affairs professional staff promotes and facilitates excellence through proactive academic advising. Central to the advising experience is the LAS-assigned academic advisor in the LAS advising center. Students will be encouraged to engage with college resources such as departmental advising, pre-health or pre-law advising, and career coaching. LAS aims to help students explore college and campus opportunities, support their academic success, and reach their career objectives while fostering a passion for lifelong learning.

Degree Advising

The LAS Academic Advising Center is staffed by full-time professional academic advisors who assist undergraduate students, serve as representatives of the dean, and are a student's primary point of contact for degree requirements and certification. Advisors work closely with stakeholders within the college, including LAS administration, department heads and chairs, directors of undergraduate studies, course coordinators, educational committees, and faculty. Given the diversity of degree programs, academic tracks, and requirements within LAS, consultation with an assigned advisor is essential. College-based advising ensures that students make informed decisions regarding their academic goals, which may include the possibility of pursuing multiple majors, minors, or certificate programs while also fulfilling UIC and LAS general education requirements.

LAS utilizes a two-tiered advising model: a LAS-assigned advisor in the Advising Center and a departmental advisor(s) who works closely with the college's academic departments. These advisors work together to guide students through their academic careers.

See the LAS advising web page to learn more about academic advising and advising services, including appointment availability.

Academic Advising Center

All students are assigned an LAS academic advisor who supports them throughout their academic journey, from new student advising to graduation. This ongoing connection fosters a strong, supportive relationship, enabling advisors to assist students in achieving academic goals while addressing personal, emotional, cultural, and developmental concerns. In addition to academic guidance, LAS advisors advocate for students, helping them navigate campus policies and procedures. These early connections are crucial in cultivating a sense of belonging and engagement within the UIC campus community.

Departmental Academic Advising (majors, minors, certificates)

Departmental advisors are experts in particular majors, minors, and certificate programs. They outline program requirements, help with course sequencing, and provide guidance on career options related to each area of study. LAS departmental advisors work closely with faculty directors of undergraduate studies within their departments to ensure students receive accurate, up-to-date advice.

Starting in the sophomore year, students should meet with their departmental advisor(s) at least once each term to confirm their progress in their chosen program(s) of study to ensure that they are taking full advantage of available resources and opportunities. While departmental advisors focus on major and minor requirements, students are still expected to maintain regular contact with their LAS-assigned academic advisor for overall academic progress.

Advising Programming and Resources:

New Student Advising and Registration

Incoming first year students must complete UIC's online orientation modules, take UIC placement testing, and meet with an LAS academic advisor to register for courses. First year students should complete the required placement tests as soon as possible, as well as the online orientation modules, which may be done concurrently, as both are required prior to meeting with an LAS academic advisor. Incoming transfer and readmit students are strongly encouraged to meet with an academic advisor prior to the start of the term to review course transferability, course registration, and progress-to-degree. Following advising and course registration, new students are expected to attend UIC's new student orientation programming as it offers an opportunity to learn more about UIC's campus and culture, new student expectations, and available supports to ease transition to UIC and prepare students to make the most of their college experience.

First Year Seminar Requirement

To further support the transition from high school to college, as an extension of the required New Student Advising and Registration, LAS first year students are strongly encouraged to enroll in a first year seminar course, see First Year Seminar below.

Mandatory First Year Advising (MFA)

All first year students must make an appointment with their assigned LAS academic advisor in both the fall and spring terms of their first year in order to be able to register for classes for the next term. First year students will be contacted via their UIC email with additional information about this requirement; however, students should feel free to make an LAS advising appointment at any point during their first two terms at UIC. LAS recommends that students see their LAS academic advisor at least once each term.

Mandatory first semester advising is required of new transfer and readmit students.

Mandatory Second Year Major Advising

To help students connect with their academic department or to provide support when students are truly undecided in their major, all sophomores must participate in mandatory second year major advising that occurs throughout their second year. Options for completing mandatory second year major advising include: departmental group advising, major exploration workshop participation (i.e. Finding Your Fit in an LAS Major), departmental individual advising, or general individual advising (if pursuing a "Teaching of" degree or interested in an intercollege transfer out of LAS). Second year students are notified about this requirement during their spring mandatory first year advising appointment and will also be contacted through UIC email with additional information.

Pre-Health and Pre-Law Advising Collaboration and Referral

In addition to the two-tiered academic degree advising model comprised of LAS assigned advisors and departmental advisors, LAS is home to preprofessional studies and employs pre-health and pre-law advisors to provide guidance on students' completion of course requirements and admission to professional programs in pre-health and pre-law fields, see Preprofessional Advising (p. 319) below.

Career Development and Major Exploration Collaboration and Referral

In partnership with the campus Office of Career Services, LAS provides programming designed in support of students' major exploration and career readiness, including internship experiences. LAS assigned academic advisors partner with LAS career development professionals in supportive programming. LAS provides students the opportunity to reflect on the value of their academic work and experiences so that they may understand their importance as related to the high demand employer sought after competencies, see Major Exploration and Career Development (p. 318) below.

Campus Collaboration and Referral

As a student's primary point of contact for their academic degree, LAS assigned academic advising will refer students to LAS pre-health, pre-law, and career development programming and advisement. In addition to college resources, the assigned advisors will refer students to campus resources when they are in need of additional support. Campus partners include student success centers, cultural centers, leadership programs, career services and learning centers that provide additional support such as mentoring, academic coaching, tutoring, financial assistance, and academic skills development such as; test-taking strategies, time management, and tutoring, as well as soft skill development such as professional conduct, career readiness, and major exploration. A listing of campus resources is available online.

uAchieve Degree Audit

The uAchieve Degree Audit is an individualized report that displays all courses a student has completed and demonstrates their progress towards meeting their degree requirements. A student's degree audit is available to them at any time via uAchieve Degree Audit in the student portal: my.UIC. Students should review their degree audit regularly and always consult with their LAS academic advisor(s) if they have questions. uAchieve also features the ability to view a hypothetical degree audit, which allows a student to see how their completed and in-progress courses would be applied to a major that is different than their current one.

The responsibility for selecting courses and meeting graduation requirements rests with the students, who must plan well to make their programs consistent with their goals and with college requirements. All LAS students should review a uAchieve Degree Audit analysis with their LAS academic advisors in the college at least annually.

This review of earned credits can assist students in planning their program of study. Degree audits obtained online should be confirmed by a college advisor. Four-year plans of study are available for each academic program and serve as a guide for degree planning. See specific departments for more details.

First Year Seminar

To support the transition from high school to college and build one's UIC support network, the College of Liberal Arts and Sciences strongly recommends that all new first year students enroll in a first year seminar. Students work with their advisor during New Student Advising & Registration to select an appropriate first year seminar. The college strongly recommends enrollment in LAS 110.[a]

With an emphasis on small group activities, LAS 110 allows first year students to collaborate with classmates to learn how to be successful at UIC. The goal of this class is to help students identify and utilize UIC programs, resources, and services that will support academic success. Students explore strengths and motivation and apply self-knowledge to personal and academic planning. With an emphasis on building a sense of belonging through interactive activities, students build a support network at UIC that will serve as the foundation of success in college and beyond. More information on LAS 110 is available online.

a *First year students enrolled in the Honors College may enroll in HON 101.*

Career Development and Internships

The Liberal Arts and Sciences Career Development and Internships Office supports students throughout every step of the career and major exploration process. The office provides individualized career counseling appointments, online resources, workshops, and networking events to help students explore their unique interests, skills, motivations, strengths, and values to ensure students are exposed to valuable experiences and internships that promote career readiness. Students are encouraged to activate their UIC Handshake account to explore part-time, on-campus, internship, research, and career opportunities.

The office hosts various programs and events to encourage students to broaden their interests and build connections such as the Health Practitioners Panel, Grow Your Gap, Journey to My Major, Empathy in Action and Careers in Health. LAS students are encouraged to schedule an appointment to have deeper conversations regarding major exploration, the internship search process, experiential learning opportunities, options for course credit, and ways to strengthen their professional brand. For more information about these resources, services, and career programs, students can visit the LAS Career Development and Internships Office website and on Instagram, @uiclascareer.

Major Exploration

The LAS Career Development and Internships Office provides guidance and support to students who are undecided about their major or navigating career options with their chosen LAS major. Through individualized career advising and exploratory workshops, the office guides students in identifying interests, skills, motivations, and values to

support their major and career exploration process. Students also have access to online assessments, exploratory resources, and digital career success guides to support their self-guided research and development of their professional identity.

Once a student has decided on a major, it is recommended that they make an appointment with their departmental advisor every semester. Topics in these appointments might include course selection and progress in major courses, long-term planning, and enrichment opportunities such as research, internships, independent study, or study abroad. In addition to opportunities available through their academic departments, all students are encouraged to participate in career development activities, such as work experience, internships, campus involvement, volunteering, community service, and networking through job shadowing and conducting informational interviews. Additionally, students are also encouraged to work with UIC Career Services to benefit from the career fairs, networking events, employer information sessions and career advising.

LAS 200 Career Success Course

The Career Success course is eight weeks and covers a wide range of career readiness activities to foster and strengthen skills necessary for managing a professional career. Students focus on their strengths, skills, values, unique experiences, interests, and academic achievements to develop a competitive brand and feel confident in their internship/job search. Students develop a self-marketing package, including creating a competitive resume and cover letter, understanding and articulating their professional brand, polishing their interviewing skills, learning networking strategies, and connecting with alumni and professionals. This course is available to LAS sophomores, juniors, and seniors. For more information visit the LAS 200 Career Success Course.

LAS 289 Internship Course

The LAS Internship Course provides liberal arts and sciences students with the opportunity to combine their classroom study with periods of paid or unpaid career-related work experiences. Students interested in earning credit for their internship may apply as early as the end of their first year and have earned a minimum grade point average of 2.50/4.00. Students in the program can earn up to 6 semester hours through the internship course LAS 289. For more information, contact the LAS Career Development and Internships Office (lasinternship@uic.edu) or visit the LAS Internship Program website. Consult major department for information regarding departmental internship opportunities that award credit.

Preprofessional Advising (Pre-Health & Pre-Law)

Preprofessional advisors are available to assist students who have a declared educational goal in a preprofessional field such as pre-medicine, pre-law, and pre-pharmacy, to name a few. Preprofessional educational goals are **not** majors in LAS. Students who have an educational goal must also have a declared major to be eligible to graduate from LAS. Prior to applying for admission to a professional program, many programs require the completion of specific coursework. Preprofessional advisors are available to assist students in carefully selecting coursework to fulfill educational goal requirements. They also provide guidance to students through webinars, appointments, and workshops that help students brainstorm how their current and future experiences can help them achieve their goals, prepare for the application process, craft a personal statement, and navigate the letter of recommendation process. Students with educational goals should continue to work with LAS assigned and departmental advisors as they progress through their requirements toward graduation.

Preprofessional Studies

Preprofessional studies are designed for students who intend to pursue their undergraduate or graduate education in professional schools of the University of Illinois. Preprofessional areas are not major areas of study for the proposed degrees and are designated as educational goals in student records. Preprofessional study is offered in the following areas:

- Pre-Dentistry
- Pre-Law
- Pre-Medicine (MD/DO and podiatric medicine)
- Pre-Nursing
- Pre-Nutrition/Registered Dietitian
- Pre-Occupational Therapy
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician Assistant
- Pre-Veterinary Medicine

Preprofessional advisors for students in these areas are available in the LAS Academic Advising Center to answer students' questions about admissions requirements and procedures and to assist students in planning their programs of study. Preparatory coursework for these fields is listed in the Preprofessional Studies section of the catalog. Pre-health or pre-law students should consult an LAS preprofessional advisor regarding any broader changes in professional school admissions requirements but should also expect to consult individual professional program websites for school specific information.

Designation of a preprofessional area does not guarantee admission to a professional school, nor does completion of the required coursework or attainment of the minimum grade point average. Preprofessional students should follow an LAS degree program whether or not a bachelor's degree is required for admission to the professional program. Once 45 semester hours are earned, an LAS major must be declared.

Because application procedures, as well as deadlines, vary among the professional schools of the University of Illinois, students are encouraged to consult both an LAS preprofessional advisor and the individual program to which application is planned.

Studies in Pre-Law

LAS students in pre-law complete all requirements for the bachelor's degree, including a major, at UIC. More information on pre-law is provided in the Preprofessional Studies section of the catalog.

LAS provides active support for students interested in pursuing careers in law. To take advantage, students interested in pre-law should see the pre-law advisor in the college as soon as possible and consider joining the student Pre-Law Society. Both provide important information about pre-law academic preparation, careers in law, the LSAT admissions test, strategies for applying to law school, etc.

UIC has a Guaranteed Professional Program Admissions arrangement with UIC School of Law for entering first year students. More information on this program is available in the Admissions section of the catalog.

Academic Honors

College Honors

The student who has demonstrated outstanding academic excellence throughout the entire undergraduate program may be eligible for graduation with College Honors. College Honors will be awarded at the time of graduation to those students who have earned a UIC and Cumulative GPA of at least 3.50/4.00.

Dean's List

Exceptional academic achievement in the College of Liberal Arts and Sciences is recognized each term by inclusion on the Dean's List. Eligibility is based on a 3.50/4.00 term GPA with a minimum program of 12 semester hours applicable towards the overall degree, exclusive of basic military science and basic activity courses in physical education. At least 9 semester hours must be earned for letter grades, in addition to a grade of Credit earned in any course taken on a credit/no credit basis.

Study Abroad

The College of Liberal Arts and Sciences offers study abroad programs for students studying or fluent in French, German, or Spanish. These programs do not interrupt enrollment residence and with department and college approval, students may apply credit earned in the program toward the degree. More detailed information on these programs is available from the individual department. Extensive study abroad opportunities are offered by the UIC Study Abroad Office. For more information, please visit the Study Abroad website. While it is strongly recommended that students pursue their study abroad experience via UIC's Student Abroad Office or via an academic department, students may also pursue studies independently at accredited foreign universities with the approval of the college. For details, students can contact their assigned LAS academic advisor.

Department of Anthropology

Contact Information:
Campus Location: 2102 Behavioral Sciences Building (BSB)
(312) 413–3570
anthoffice@uic.edu
anth.uic.edu

Administration:
Head: Tarini Bedi, tbedi@uic.edu
Director of Undergraduate Studies: Vincent LaMotta, vlamotta@uic.edu

Anthropology is the study of human culture, society, and biology across time and space. Through three fields of inquiry—sociocultural anthropology, biological anthropology, and archaeology—UIC anthropology provides a holistic approach to understanding human cultures and societies from prehistory to the present. By providing contemporary perspectives on culture and society, sociocultural anthropology prepares students to understand the complex problems and challenges posed by a globalized society and economy. Through explorations of the complex relationship between culture and biology, biological anthropology prepares students to think about how cultural understandings, social experiences and positions, and health are intertwined. Archaeology extends these understandings into the past, excavating the deep relationship between human history, prehistory, and the present. The expertise of the faculty affords students the opportunity to pursue interests in most of the major time periods and geographic areas of the world.

An undergraduate education in anthropology provides valuable preparation for many careers that involve working with individuals of diverse national or ethnic backgrounds. Undergraduate majors have found careers in global public health, healthcare services, social case work, cultural resource management, museum education, public housing, employment and personnel counseling, public office, the Peace Corps, field archaeology, import businesses, market research, the Foreign Service, and social and environmental planning. Anthropology majors are also well positioned to continue their education, not only to be career anthropologists, but to enter professions such as computer programming, law, medicine, business, urban planning, nonprofit management, and public administration.

Distinction in Anthropology

To be considered for distinction, a candidate must have a 3.00/4.00 cumulative GPA and meet all the requirements for a major in Anthropology, plus the following:

- 3.50/4.00 GPA in the major for Distinction
- 3.75/4.00 GPA in the major for High Distinction
- 3.75/4.00 GPA in the major and satisfactorily complete a thesis in ANTH 390 for Highest Distinction. This course involves the preparation of an honors research paper, under the supervision of a faculty member of the student's choosing, and its acceptance by a three-member honors committee especially constituted for this purpose.

Degree Program

- BA with a Major in Anthropology (p. 320)

Minors

- Minor in Anthropology (p. 321)
- Minor in Global Middle East Studies (p. 322)

Certificates

- Certificate in Health, Culture, and Society (p. 322)

BA with a Major in Anthropology

Program Codes:
20FT0340BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Anthropology degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		32-38

General Education and Electives to reach minimum Total Hours	82-88
Total Hours	**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 307) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
ANTH 101	World Cultures: Introduction to Social Anthropology [a,b]	3
ANTH 102	Introduction to Archaeology [c,d]	4
ANTH 105	Human Evolution [c,d]	4
ANTH 309	Writing Culture [e]	3
Six additional anthropology courses, at least two of which must be at the 300 or 400 level		18-24
Total Hours		**32-38**

a *This course is approved for the Exploring World Cultures General Education category.*
b *This course is approved for the Understanding the Individual and Society General Education category.*
c *This course is approved for the Understanding the Past General Education category.*
d *This course is approved for the Analyzing the Natural World General Education category.*
e *ANTH 309 fulfills the Writing-in-the-Discipline requirement.*

Courses for the major are chosen in consultation with the department's program advisor. A major interested in a subdiscipline of anthropology (sociocultural, biological, or archaeological) must arrange a suitable program of electives with an advisor.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ANTH 101	World Cultures: Introduction to Social Anthropology [a,d]	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
ANTH 102	Introduction to Archaeology [a,d]	4
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**17**
Second Year		
Fall Semester		
ANTH 105	Human Evolution [a,d]	4
Foreign Language		4
Quantitative Reasoning Requirement course		3-5
General Education Requirement course		3
	Hours	**14-16**
Spring Semester		
ANTH 309	Writing Culture	3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
General Education Requirement course/Elective		3
	Hours	**16-18**
Third Year		
Fall Semester		
Anthropology Elective [b]		3-4
General Education Requirement course/Elective		3
Electives		9
	Hours	**15-16**
Spring Semester		
Anthropology Elective [b]		3
Anthropology Elective [b]		3-4
Electives		9
	Hours	**15-16**
Fourth Year		
Fall Semester		
Anthropology Elective [b]		3-4
Anthropology Elective [b]		3-4
Electives		8
	Hours	**14-16**
Spring Semester		
Anthropology Elective [b]		3-4
Anthropology Independent Study/Honors Research or Electives [c]		3-6
Electives		7
	Hours	**13-17**
	Total Hours	**120**

a *Offered fall and spring semesters.*
b *ANTH 100 is not an elective in the major.*
c *Recommended, but not required.*
d *Two of these courses may be used to satisfy two of the nine courses in the General Education Requirement.*

Minor in Anthropology

Minor Requirements

Students from other disciplines who want to minor in Anthropology must complete 20 semester hours as outlined below. Courses for the minor are chosen in consultation with the department's program advisor.

Code	Title	Hours
Required Courses		
ANTH 101	World Cultures: Introduction to Social Anthropology	3
ANTH 102	Introduction to Archaeology	4
ANTH 105	Human Evolution	4
Three additional courses at the 200, 300, or 400 level		9
Total Hours		**20**

Minor in Global Middle East Studies

Minor Requirements

The minor requires a total of 15 semester hours (five courses), including two core courses and three related elective courses. Elective courses should be chosen in consultation with an advisor. At least one elective course must be at the 200 level or above. Some recommended electives are listed below, but it is not a comprehensive list of appropriate courses. A maximum of 6 semester hours can be double-counted toward both this minor and another academic program.

Code	Title	Hours
Required Courses		
Select one of the following:		3
ANTH 245	Anthropology of the Middle East	
HIST 278	The Middle East Since 1258	
Select one of the following:		3
GLAS 242	Introduction to Arab American Studies	
GLAS 244	Arab and Asian Connections in the U.S. and Globally	
9 hours of related elective courses approved by an advisor. At least one elective course (3 hours) must be at the 200 level or above. [a]		9
Total Hours		**15**

a *Students who earn credit for both courses eligible to satisfy a single foundational requirement (e.g., credit for both GLAS 242 and GLAS 244) may count the second course toward the elective requirement.*

Code	Title	Hours
Recommended Electives		
This list is meant to help students identify potentially relevant electives across the disciplines. Students should work with the program advisor to determine which of these and other related courses they will take as electives for the minor. Prerequisites should be factored in when considering elective options		
AH/CL 209	Near Eastern Art and Archaeology	3
AH/BLST/CL 210	Ancient Egyptian Art and Archaeology	3
AH/ANTH/CL 466	Material Worlds: Topics in Material Culture Studies	3
ARAB 101	Elementary Arabic I	4
ARAB 102	Elementary Arabic II	4
ARAB 103	Intermediate Arabic I	4
ARAB 104	Intermediate Arabic II	4
ARAB 105	Modern Arab Culture	3
ARAB 201	Advanced Arabic through Literature	3
ARAB 230	Arabic Literature in Translation	3
ARAB 250	The Heritage of Muslim Iberia	3
ARAB/MOVI 270	The Reel Arab	3
BLST/SOC 207	Racism: Global Perspectives	3
BLST/SOC 407	Seminar in Comparative Racialization	3
GWS/ANTH/GLAS 255	Introduction to Middle East and Muslim Feminisms	3
GWS 409	Women and Gender in the Middle East	3
HIST/RELS 177	Middle Eastern Civilization	3
HIST 277	The Middle East to 1258	3
HIST 477	Topics in Middle Eastern History	3
POLS/JST 243	Politics and Government of the Middle East	3

Certificate in Health, Culture, and Society

The Certificate in Health, Culture, and Society allows students to use interdisciplinary approaches to explore and understand how health and health care operate in diverse cultural and social contexts. The certificate is recommended for students who intend to enter a health profession and wish to work more effectively in cross-cultural settings, but it is open to undergraduate students from any college or major.

Certificate Requirements

Students can satisfy the requirements of the certificate by completing 15 hours in the following courses:

Code	Title	Hours
Required Courses [a]		
ANTH 216	Medicine, Culture, and Society	3
Select one of the following:		3
COMM 205	The Health Media Environment	
ECON 215	Health Economics	
GWS 262	Constructions of Gender, Race, Health, and Human Rights	
LCSL 260	Tales of Healing: Intro to Narrative Medicine	
LCSL 261	The Image of Health: Visuality and Medicine	
PHIL 116	Biomedical Ethics	
SOC 251	Health and Medicine	
Three electives, to be chosen with the advisor. Must deal with the background, experiences, and unique challenges of different groups and populations who engage with healthcare systems.		9
Total Hours		**15**

a *At least nine of the 15 hours in the certificate must be at the 200 level or above. At least half of the credits must be completed in residence at UIC, and no more than six total hours (two classes) may satisfy requirements for both the Certificate in Health, Culture, and Society and the student's major or minor.*

Biochemistry

Contact Information:
(312) 996–3161
chem.uic.edu
ChemistryUndergrad@uic.edu (chemistryundergrad@uic.edu)

Administration:

Head, Wonwha Cho
Director of Undergraduate Studies, Minjung Ryu

The Bachelor of Science in Biochemistry is awarded by the College of Liberal Arts and Sciences to students who successfully complete this curriculum. It is housed in the Department of Chemistry. It is intended for students planning advanced study in biochemistry or molecular biology, who wish to pursue a medical degree, or who will be seeking employment and careers in biochemistry, molecular biology, biotechnology, or related fields. Students may be advised through the LAS advisors in the Department of Chemistry.

Professional Approval

The BS in Biochemistry is certified by the American Chemical Society.

Distinction

Distinction. Research is recognized as an important component of the honors candidate's program. Favorable consideration will be given to those individuals who demonstrate superior performance in chemical or biological research. Distinction in biochemistry is awarded to students who qualify as described below:

1. A GPA of at least 3.50/4.00 in chemistry, biology, and mathematics courses, excluding independent study or independent research.
2. Evidence of biochemical research ability as demonstrated by research in chemistry CHEM 499 or BIOS 399 . Students who qualify for program distinction may be conferred high or highest distinction on the basis of superior performance.

High Distinction. In addition to fulfilling criterion 2 above, a GPA of at least 3.70/4.00 in chemistry, biology, mathematics, and physics courses.

Highest Distinction. In addition to fulfilling criterion 2 above, a GPA of at least 3.80/4.00 in chemistry, biology, mathematics, and physics courses, and presentation of other evidence of truly exceptional performance. Such performance may be identified in one or more of the following ways: independent research at an advanced level, superior performance in class work beyond that reflected in the grade point average, rapid completion of course requirements, completion of honors activities in 300-level course work taken through the Honors College.

Degree Program

- BS in Biochemistry (p. 323)

BS in Biochemistry

Program Codes:
20FT0318BS

Degree Requirements

To earn a Bachelor of Science in Biochemistry degree from UIC, students need to complete university, college, and department degree requirements. The degree requirements for the Department of Biological Sciences and the Department of Chemistry are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Requirements for the Curriculum		120
Total Hours		**120**

Requirements for the Curriculum

The requirements for the curriculum include the courses necessary to complete the General Education and Writing-in-the-Discipline (p. 306) requirements described in the College of Liberal Arts and Sciences section.

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign language (the equivalent of two years of a single language at the college level)		0-16
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Individual and Society course [a]		3
Understanding the Past course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b,c]	4
MATH 181	Calculus II [c]	4
Select one of the following sequences in physics:		8
PHYS 141	General Physics I (Mechanics) [c]	
PHYS 142	General Physics II (Electricity and Magnetism) [c]	
OR		
PHYS 131	Introductory Physics for Life Sciences I [c]	
PHYS 132	Introductory Physics for Life Sciences II [c]	
BIOS 110	Biology of Cells and Organisms [c]	4
BIOS 120	Biology of Populations and Communities [c]	4
BIOS 220	Genetics	3
Select one of the following sequences in general and analytical chemistry:		10-14
CHEM 116	Honors and Majors General and Analytical Chemistry I [c]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [c]	
OR		
CHEM 122	Matter and Energy [d]	
CHEM 123	Foundations of Chemical Inquiry I [c,d]	
CHEM 124	Chemical Dynamics [d]	
CHEM 125	Foundations of Chemical Inquiry II [c,d]	
CHEM 222	Analytical Chemistry	
CHEM 232	Structure and Function	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
Select one of the following physical chemistry sequences:		9

CHEM 342	Physical Chemistry I [e]	
CHEM 343	Physical Chemistry Laboratory [f]	
CHEM 346	Physical Chemistry II	
OR		
CHEM 340	Physical Chemistry for Biochemists I	
CHEM 343	Physical Chemistry Laboratory [f]	
CHEM 344	Physical Chemistry for Biochemists II	
CHEM/BIOS 452	Biochemistry I	4
CHEM/BIOS 454	Biochemistry II	4
CHEM 455	Biochemistry Laboratory	3
CHEM 314	Inorganic Chemistry	4
Electives, chosen in consultation with an academic advisor, including at least two advanced-level courses (6 hours) in the biological sciences. One of these courses must be from either the area of cell and molecular biology or the area of microbiology.		9-30
Total Hours		**120**

a *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*

b *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*

c *This course is approved for the Analyzing the Natural World General Education category.*

d *Each of the following pairs will be considered one course in meeting the LAS General Education requirements: CHEM 122 /CHEM 123 and CHEM 124/CHEM 125.*

e *Students who wish to use the CHEM 342/CHEM 343/CHEM 346 option to satisfy the physical chemistry requirement will also need to choose PHYS 141/PHYS 142 to satisfy their physics requirement and will need to take MATH 210 as a corequisite for CHEM 342.*

f *CHEM 343 fulfills the LAS Writing-in-the-Discipline requirement.*

Recommended Plan of Study

Students who are not ready to take MATH 180 and CHEM 122/CHEM 123 in the first year should expect to take summer session courses and/or take longer than four years to graduate.

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
BIOS 110 or BIOS 120	Biology of Cells and Organisms or Biology of Populations and Communities	4
Select one of the following:		5
CHEM 116	Honors and Majors General and Analytical Chemistry I [a,b]	
OR		
CHEM 122	Matter and Energy [a]	
CHEM 123	Foundations of Chemical Inquiry I [a,c]	
General Education Requirement course		3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 180	Calculus I [d]	4
Select one of the following:		5
CHEM 118	Honors and Majors General and Analytical Chemistry II [a,b]	
OR		
CHEM 124	Chemical Dynamics [a]	
CHEM 125	Foundations of Chemical Inquiry II [a,c]	
General Education Requirement course		3
	Hours	**15**
Second Year		
Fall Semester		
CHEM 232	Structure and Function	3
MATH 181	Calculus II	4
BIOS 110 or BIOS 120	Biology of Cells and Organisms or Biology of Populations and Communities	4
General Education Requirement course		3
	Hours	**14**
Spring Semester		
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
BIOS 220	Genetics	3
Select one of the following:		4
PHYS 131	Introductory Physics for Life Sciences I [a]	
PHYS 141	General Physics I (Mechanics) [a]	
	Hours	**12**
Third Year		
Fall Semester		
CHEM 452	Biochemistry I (Same as BIOS 452)	4
CHEM 222	Analytical Chemistry [b]	4
or Elective		
Foreign Language		4
Select one of the following:		4
PHYS 132	Introductory Physics for Life Sciences II [a]	
PHYS 142	General Physics II (Electricity and Magnetism) [a]	
	Hours	**16**
Spring Semester		
Select one of the following:		3
CHEM 340	Physical Chemistry for Biochemists I	
CHEM 342	Physical Chemistry I [e]	
Foreign Language		4
CHEM 454	Biochemistry II (Same as BIOS 454)	4
CHEM 455	Biochemistry Laboratory	3
	Hours	**14**
Fourth Year		
Fall Semester		
CHEM 343	Physical Chemistry Laboratory [e,f]	3
Select one of the following:		3
CHEM 344	Physical Chemistry for Biochemists II	
CHEM 346	Physical Chemistry II [e]	
BIOS Elective at the advanced level		4
Foreign Language		4
General Education Requirement course		3
	Hours	**17**
Spring Semester		
CHEM 314	Inorganic Chemistry	4
BIOS Elective at the advanced level		4
Foreign Language		4
General Education Requirement course		3
Elective		2
	Hours	**17**
	Total Hours	**120**

a *This course has been approved for the Analyzing the Natural World General Education category.*

b *Students who take CHEM 116 and CHEM 118 to fulfill the general chemistry requirement do not need to take CHEM 222.*

c *Each of the following pairs will be considered one course in meeting the LAS General Education requirements: CHEM 122/CHEM 123 and CHEM 124/CHEM 125.*
d *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*
e *Students who wish to use the CHEM 342/CHEM 343/CHEM 346 option to satisfy the physical chemistry requirement will need to also choose PHYS 141/PHYS 142 to satisfy their physics requirement and will need to take MATH 210 as a corequisite for CHEM 342.*
f *CHEM 343 fulfills the LAS Writing-in-the-Discipline requirement.*

Department of Biological Sciences

Contact Information:
Campus Location: 3272 Science and Engineering South (SES), Advising Office: 3272 SES
(312) 996–2211
bios.uic.edu
Advising Office: bios.uic.edu/bios/undergraduate-study/advising
Department email: bios@uic.edu, Advising email: biosciadvising@uic.edu

Administration:
Head, Eric Stabb
Director of Undergraduate Studies, Aixa Alfonso

Biological Sciences majors study living systems. Students and faculty pursue diverse programs of study, including, but not limited to, biochemistry, animal behavior, cell biology, development, ecology, environmental sciences, evolution, genetics, microbiology, molecular biology, neuroscience, paleontology, plant biology, physiology (cellular, organismal, and environmental), population biology, and urban ecology. Students completing a baccalaureate degree in Biological Sciences are prepared for a wide range of careers, including jobs in a variety of health professions, the veterinary or pharmaceutical sciences, public or private research, education, regulatory policy, conservation and wildlife biology, environmental professions, and agriculture.

The Department of Biological Sciences offers a program leading to the Bachelor of Science in Liberal Arts and Sciences with a Major in Biological Sciences. A Minor in Biological Sciences is also offered.

Admission to the Major

Continuing students, readmitted students, and transfer students not previously declared as a major in Biological Sciences must have a minimum GPA of 2.00/4.00 for all biology courses taken. Admission to the major is dependent upon space availability; therefore, meeting the minimum requirements does not guarantee admission to the major.

Distinction

Departmental Distinction. Departmental Distinction is awarded to students with a minimum 3.70/4.00 GPA in biological sciences courses and to students with a minimum 3.30/4.00 GPA in biological sciences courses who also successfully complete BIOS 399.

Highest Departmental Distinction. Highest Departmental Distinction is awarded to students who have a minimum 3.70/4.00 GPA in biological sciences courses and who also successfully complete BIOS 399.

Degree Programs

- BS with a Major in Biological Sciences—Evolution, Ecology, and Environmental Biology Concentration (p. 325)
- BS with a Major in Biological Sciences—General Biology Concentration (p. 327)
- BS with a Major in Biological Sciences—Molecular, Cellular, and Organismal Biology Concentration (p. 329)

Minor

- Minor in Biological Sciences (p. 331)

BS with a Major in Biological Sciences—Evolution, Ecology, and Environmental Biology Concentration

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and departmental degree requirements. The Department of Biological Sciences degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Courses		27-28
Major Requirements		40
General Education and Electives to reach minimum Total Hours		52-53
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements. Students should consult the course lists below and their advisors to determine which courses are counted toward the General Education and Writing-in-the-Discipline requirements.

Required Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
Select one of the following math courses:		4
MATH 170	Calculus for the Life Sciences [a,b]	
MATH 180	Calculus I [a,b,c]	
STAT 130	Introduction to Statistics for the Life Sciences [a]	
Select one of the following sequences in physics:		8
PHYS 131	Introductory Physics for Life Sciences I [b]	
PHYS 132	Introductory Physics for Life Sciences II [b]	

OR		
PHYS 141	General Physics I (Mechanics) [b,c]	
PHYS 142	General Physics II (Electricity and Magnetism) [b,c]	
Select one of the following sequences in general chemistry:		10
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
OR		
CHEM 122	Matter and Energy [d]	
CHEM 123	Foundations of Chemical Inquiry I [c,d]	
CHEM 124	Chemical Dynamics [d]	
CHEM 125	Foundations of Chemical Inquiry II [c,d]	
CHEM 230	Organic Chemistry of Biological Systems	3-4
or CHEM 232	Structure and Function	
CHEM 233	Synthesis Techniques Laboratory	2
Total Hours		**27-28**

a *MATH 170, MATH 180, and STAT 130 fulfill the LAS Quantitative Reasoning requirement.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *MATH 180 and MATH 181 are recommended for students planning advance work in population biology and required for enrollment in PHYS 141 and PHYS 142.*

d *General Education credit is given for successful completion of both CHEM 122 and CHEM 123 or CHEM 124 and CHEM 125.*

Major Requirements

Of the 40 semester hours for the major, no more than 11 hours may be at the 100 level. At least 9 hours must be from courses designated as Experimental Techniques and Data Analyses. A minimum of 9 hours must be at the 300 and/or 400 level. No more than 5 hours of BIOS independent study and research may be counted toward the major.

Code	Title	Hours
Required Courses		
BIOS 110	Biology of Cells and Organisms [a]	4
BIOS 120	Biology of Populations and Communities [a]	4
BIOS 220	Genetics	3
BIOS 222	Cell Biology	3
BIOS 230	Evolution and Ecology	3
In addition to required courses, students must complete one concentration chosen from General Biology; Molecular, Cellular, and Organismal Biology; or Evolution, Ecology, and Environmental Biology.		
Concentration in Evolution, Ecology, and Environmental Biology		
Required core courses:		
BIOS 331	General Ecology Laboratory [b]	3
Select at least 6 semester hours in experimental techniques and data analyses from the following:		6-7
BIOS 310	Genetics Laboratory [b]	
BIOS 333	Visualizing Biological Data	
BIOS 336	Animal Behavior Laboratory [b]	
BIOS 351	Microbiology Laboratory [b]	
BIOS 399	Independent Research [b,e]	
BIOS 420	Genomics [b,c]	
BIOS 430	Evolution [c]	
BIOS 480	Introduction to Modern Biostatistics with R [b]	
Select three of the following courses in ecology and environment:		9
BIOS 236	Animal Behavior	
BIOS 340	Environmental Physiology	
BIOS 350	General Microbiology	
BIOS 365	Human Ecological Systems	
BIOS 427	Ecosystem Ecology	
BIOS 431	Plant and Animal Interactions	
BIOS 437	Topics in Tropical Ecology	
BIOS 455	Introduction to Landscape Ecology	
BIOS 490	Topics Biological Sciences [d]	
Select one of the following courses in evolution and genomics:		3-4
BIOS 305	Plant Evolutionary Ecology	
BIOS 420	Genomics [c]	
BIOS 430	Evolution [c]	
BIOS 446	Evolution and Human Disease	
BIOS 450	Advanced Microbiology	
BIOS 490	Topics Biological Sciences [d]	
Additional hours of BIOS elective courses to bring the total to 40 semester hours.		0-2
Total Hours		**40**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *BIOS 310, BIOS 312, BIOS 321, BIOS 323, BIOS 336, BIOS 351, BIOS 399, BIOS 420, and BIOS 443 fulfill the Writing-in-the-Discipline requirement.*

c *BIOS 420 and BIOS 430 appear in both the Evolution and Genomics and Experimental Techniques and Data Analyses lists. They may be used to satisfy either requirement, but not both.*

d *BIOS 490 can only be used once to meet the Ecology/Environment or the Evolution/Genomics category with consent of advisor.*

e *BIOS 399 can only be counted once to fulfill Experimental Techniques and Data Analyses credit requirements.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I [a]	4
or MATH 170	or Calculus for the Life Sciences	
or STAT 130	or Introduction to Statistics for the Life Sciences	
Select one of the following:		5
CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [b]	

General Education Requirement course		3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Select one of the following:		5
CHEM 118	Honors and Majors General and Analytical Chemistry II	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [b]	
General Education Requirement course		3
BIOS 110 or BIOS 120	Biology of Cells and Organisms [b] or Biology of Populations and Communities	4
	Hours	**15**
Second Year		
Fall Semester		
CHEM 230 or CHEM 232	Organic Chemistry of Biological Systems or Structure and Function	3-4
BIOS 110 or BIOS 120	Biology of Cells and Organisms [b] or Biology of Populations and Communities	4
Foreign Language		4
General Education Requirement course or Elective		3-4
	Hours	**15**
Spring Semester		
BIOS 222	Cell Biology	3
BIOS 230	Evolution and Ecology	3
CHEM 233	Synthesis Techniques Laboratory	2
Foreign Language		4
General Education Requirement course		3
	Hours	**15**
Third Year		
Fall Semester		
BIOS 220	Genetics	3
BIOS 331	General Ecology Laboratory	3
PHYS 131 or PHYS 141	Introductory Physics for Life Sciences I [b] or General Physics I (Mechanics)	4
Foreign Language		4
General Education Requirement course		3
	Hours	**17**
Spring Semester		
BIOS experimental techniques and data analyses selective or BIOS Elective [c]		2-4
BIOS experimental techniques and data analyses selective or BIOS Elective [c]		2-4
PHYS 132 or PHYS 142	Introductory Physics for Life Sciences II or General Physics II (Electricity and Magnetism)	4
General Education Requirement course		3
Foreign Language		4
	Hours	**15-19**
Fourth Year		
Fall Semester		
Select 5-9 hours from the following:		5-9
BIOS experimental techniques and data analyses selectives [c]		
BIOS Selectives [c]		
BIOS Electives [c]		
General Education Requirement course		3
Electives		7
	Hours	**15-19**
Spring Semester		
Select 5-8 hours from the following: [c]		5-8
BIOS experimental techniques and data analyses selectives [c]		
BIOS Selectives [c]		
BIOS Electives [c]		
Electives		8-9
	Hours	**13-17**
	Total Hours	**120**

a *MATH 170, MATH 180, or STAT 130, individually, will satisfy the Quantitative Reasoning requirement with a grade of C or better.*

b *The Analyzing the Natural World and the two additional General Education course requirements can be satisfied with four courses chosen from PHYS 131/PHYS 132, PHYS 141, PHYS 142, BIOS 110, BIOS 120 and/or CHEM 122/CHEM 123 and CHEM 124/CHEM 125.*

c *To complete the degree, students must take 23 additional hours, including 9 hours in experimental techniques and data analyses and the biological sciences selectives/electives to meet concentration requirements (21–23 hours for EEEB). At least 9 of these 23 hours must be taken at the 300 to 400 level (excluding BIOS 391).*

BS with a Major in Biological Sciences—General Biology Concentration

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and departmental degree requirements. The Department of Biological Sciences degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Courses		27-28
Major Requirements		40
General Education and Electives to reach minimum Total Hours		52-53
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements. Students should consult the course lists below and their advisors to determine which courses are counted toward the General Education and Writing-in-the-Discipline requirements.

Required Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
Select one of the following math courses:		4
MATH 170	Calculus for the Life Sciences [a,b]	
MATH 180	Calculus I [a,b,c]	
STAT 130	Introduction to Statistics for the Life Sciences [a]	
Select one of the following sequences in physics:		8
PHYS 131	Introductory Physics for Life Sciences I [b]	
PHYS 132	Introductory Physics for Life Sciences II [b]	
OR		
PHYS 141	General Physics I (Mechanics) [b,c]	

PHYS 142	General Physics II (Electricity and Magnetism) [b,c]	
Select one of the following sequences in general chemistry:		10
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
OR		
CHEM 122	Matter and Energy [d]	
CHEM 123	Foundations of Chemical Inquiry I [c,d]	
CHEM 124	Chemical Dynamics [d]	
CHEM 125	Foundations of Chemical Inquiry II [c,d]	
CHEM 230	Organic Chemistry of Biological Systems	3-4
or CHEM 232	Structure and Function	
CHEM 233	Synthesis Techniques Laboratory	2
Total Hours		**27-28**

a *MATH 170, MATH 180, and STAT 130 fulfill the LAS Quantitative Reasoning requirement.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *MATH 180 and MATH 181 are recommended for students planning advance work in population biology and required for enrollment in PHYS 141 and PHYS 142.*

d *General Education credit is given for successful completion of both CHEM 122 and CHEM 123 or CHEM 124 and CHEM 125.*

Major Requirements

Of the 40 semester hours for the major, no more than 11 hours may be at the 100 level. At least 9 hours must be from courses designated as Experimental Techniques and Data Analyses. A minimum of 9 hours must be at the 300 and/or 400 level. No more than 5 hours of BIOS independent study and research may be counted toward the major.

Code	Title	Hours
Required Courses		
BIOS 110	Biology of Cells and Organisms [a]	4
BIOS 120	Biology of Populations and Communities [a]	4
BIOS 220	Genetics	3
BIOS 222	Cell Biology	3
BIOS 230	Evolution and Ecology	3
In addition to required courses, students must complete one concentration chosen from General Biology; Molecular, Cellular, and Organismal Biology; or Evolution, Ecology, and Environmental Biology.		
Concentration in General Biology		
Select a minimum of 9 semester hours of course work in Experimental Techniques and Data Analyses, chosen from the following list:		9-11
BIOS 272	Comparative Vertebrate Anatomy	
BIOS 310	Genetics Laboratory [b]	
BIOS 312	Cell Biology Laboratory	
BIOS 321	Developmental Biology Laboratory [b]	
BIOS 323	Molecular Biology Laboratory [b]	
BIOS 326	Embryology Laboratory	
BIOS 331	General Ecology Laboratory [b]	
BIOS 333	Visualizing Biological Data	
BIOS 336	Animal Behavior Laboratory [b]	
BIOS 351	Microbiology Laboratory [b]	
BIOS 360	Introduction to Paleontology	
BIOS 399	Independent Research [b,c]	
BIOS 420	Genomics [b]	
BIOS 430	Evolution	
BIOS 443	Animal Physiological Systems Laboratory [b]	
BIOS 480	Introduction to Modern Biostatistics with R [b]	
Additional hours of BIOS elective courses to bring the total to 40 semester hours.		12-14
Total Hours		**40**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *BIOS 310, BIOS 312, BIOS 321, BIOS 323, BIOS 331, BIOS 336, BIOS 351, BIOS 399, BIOS 420, BIOS 443, and BIOS 480 fulfill the Writing-in-the-Discipline requirement.*

c *BIOS 399 can only be counted once to fulfill Experimental Techniques and Data Analyses credit requirements.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I [a]	4
or MATH 170	or Calculus for the Life Sciences	
or STAT 130	or Introduction to Statistics for the Life Sciences	
Select one of the following:		5
CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [b]	
General Education Requirement course		3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Select one of the following:		5
CHEM 118	Honors and Majors General and Analytical Chemistry II	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [b]	
General Education Requirement course		3
BIOS 110	Biology of Cells and Organisms [b]	4
or BIOS 120	or Biology of Populations and Communities	
	Hours	**15**
Second Year		
Fall Semester		
CHEM 230	Organic Chemistry of Biological Systems	3-4
or CHEM 232	or Structure and Function	
BIOS 110	Biology of Cells and Organisms [b]	4
or BIOS 120	or Biology of Populations and Communities	
Foreign Language		4
General Education Requirement course or Elective		3-4
	Hours	**15**

Spring Semester		
BIOS 222	Cell Biology	3
BIOS 230	Evolution and Ecology	3
CHEM 233	Synthesis Techniques Laboratory	2
Foreign Language		4
General Education Requirement course		3
	Hours	**15**
Third Year		
Fall Semester		
BIOS 220	Genetics	3
BIOS experimental techniques and data analysis selective		2-4
PHYS 131 or PHYS 141	Introductory Physics for Life Sciences I [b] or General Physics I (Mechanics)	4
Foreign Language		4
General Education Requirement course		3
	Hours	**16-18**
Spring Semester		
BIOS Experimental Techniques and Data Analyses Selective or BIOS Elective [c]		2-4
BIOS Experimental Techniques and Data Analyses Selective or BIOS Elective [c]		2-4
PHYS 132 or PHYS 142	Introductory Physics for Life Sciences II or General Physics II (Electricity and Magnetism)	4
General Education Requirement course		3
Foreign Language		4
	Hours	**15-19**
Fourth Year		
Fall Semester		
Select 5-9 hours from the following:		5-9
BIOS experimental techniques and data analyses selectives [c]		
BIOS Selectives [c]		
BIOS Electives [c]		
General Education Requirement course		3
Electives		7
	Hours	**15-19**
Spring Semester		
Select 5-8 hours from the following: [c]		5-8
BIOS experimental techniques and data analyses selectives [c]		
BIOS Selectives [c]		
BIOS Electives [c]		
Electives		9
	Hours	**14-17**
	Total Hours	**120**

a *MATH 170, MATH 180, or STAT 130, individually, will satisfy the Quantitative Reasoning requirement with a grade of C or better.*

b *The Analyzing the Natural World and the two additional General Education course requirements can be satisfied with four courses chosen from PHYS 131, PHYS 132, PHYS 141, PHYS 142, BIOS 110, BIOS 120 and/or CHEM 122/CHEM 123 and CHEM 124/CHEM 125.*

c *To complete the degree, students must take 23 additional hours, including 9 hours in experimental techniques and data analyses and the biological sciences selectives/electives to meet concentration requirements (23 hours for General Biology). At least 9 of these 23 hours must be taken at the 300 to 400 level (excluding BIOS 391).*

BS with a Major in Biological Sciences—Molecular, Cellular, and Organismal Biology Concentration

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and departmental degree requirements. The Department of Biological Sciences degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Courses		27-28
Major Requirements		40
General Education and Electives to reach minimum Total Hours		52-53
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements. Students should consult the course lists below and their advisors to determine which courses are counted toward the General Education and Writing-in-the-Discipline requirements.

Required Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
Select one of the following math courses:		4
MATH 170	Calculus for the Life Sciences [a,b]	
MATH 180	Calculus I [a,b,c]	
STAT 130	Introduction to Statistics for the Life Sciences [a]	
Select one of the following sequences in physics:		8
PHYS 131	Introductory Physics for Life Sciences I [b]	
PHYS 132	Introductory Physics for Life Sciences II [b]	
OR		
PHYS 141	General Physics I (Mechanics) [b,c]	
PHYS 142	General Physics II (Electricity and Magnetism) [b,c]	
Select one of the following sequences in general chemistry:		10
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
OR		
CHEM 122	Matter and Energy [d]	
CHEM 123	Foundations of Chemical Inquiry I [c,d]	
CHEM 124	Chemical Dynamics [d]	

CHEM 125	Foundations of Chemical Inquiry II [c,d]	
CHEM 230	Organic Chemistry of Biological Systems	3-4
or CHEM 232	Structure and Function	
CHEM 233	Synthesis Techniques Laboratory	2
Total Hours		**27-28**

a *MATH 170, MATH 180, and STAT 130 fulfill the LAS Quantitative Reasoning requirement.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *MATH 180 and MATH 181 are recommended for students planning advance work in population biology and required for enrollment in PHYS 141 and PHYS 142.*

d *General Education credit is given for successful completion of both CHEM 122 and CHEM 123 or CHEM 124 and CHEM 125.*

Major Requirements

Of the 40 semester hours for the major, no more than 11 hours may be at the 100 level. At least 9 hours must be from courses designated as Experimental Techniques and Data Analyses. A minimum of 9 hours must be at the 300 and/or 400 level. No more than 5 hours of BIOS independent study and research may be counted toward the major.

Code	Title	Hours
Required Courses		
BIOS 110	Biology of Cells and Organisms [a]	4
BIOS 120	Biology of Populations and Communities [a]	4
BIOS 220	Genetics	3
BIOS 222	Cell Biology	3
BIOS 230	Evolution and Ecology	3
In addition to required courses, students must complete one concentration chosen from General Biology; Molecular, Cellular, and Organismal Biology; or Evolution, Ecology, and Environmental Biology.		
Concentration in Molecular, Cellular, and Organismal Biology		
Required core courses:		
BIOS 310	Genetics Laboratory [b]	2
BIOS 312	Cell Biology Laboratory [b]	2
BIOS 343	Animal Physiological Systems [b]	3
Select at least 5 hours in Experimental Techniques and Data Analyses:		5-7
BIOS 272	Comparative Vertebrate Anatomy	
BIOS 321	Developmental Biology Laboratory [b]	
BIOS 323	Molecular Biology Laboratory [b]	
BIOS 326	Embryology Laboratory	
BIOS 333	Visualizing Biological Data	
BIOS 351	Microbiology Laboratory [b]	
BIOS 399	Independent Research [b,d]	
BIOS 420	Genomics [b]	
BIOS 443	Animal Physiological Systems Laboratory [b,c]	
Select three courses from the following:		9-11
BIOS 320	Developmental Biology	
BIOS 325	Human Embryology	
BIOS 350	General Microbiology	
BIOS 355	Immunology	
BIOS 443	Animal Physiological Systems Laboratory [b,c]	
BIOS 450	Advanced Microbiology	
BIOS 458	Biotechnology and Drug Discovery	
BIOS 452 & BIOS 454	Biochemistry I and Biochemistry II [e]	
or BIOS 352	Introductory Biochemistry	
BIOS 472	Molecular Genetics Epigenetics	
BIOS 490	Topics Biological Sciences [f]	
Additional hours of BIOS elective courses to bring the total to 40 semester hours.		0-2
Total Hours		**40**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *BIOS 310, BIOS 312, BIOS 321, BIOS 323, BIOS 336, BIOS 351, BIOS 399, BIOS 420, and BIOS 443 fulfill the Writing-in-the-Discipline requirement.*

c *BIOS 443 can be used as a selective to either meet the Experimental Techniques and Data Analyses requirement* ***OR*** *the MCOB requirement for this concentration but* ***not*** *both.*

d *BIOS 399 can only be counted once to fulfill Experimental Techniques and Data Analyses credit requirements.*

e *BIOS 452 and BIOS 454 will count as two courses toward the three course requirement. However, if only BIOS 452 is taken, it will not count as an MCOB selective course.*

f *BIOS 490 can only be used once with the consent of the advisor.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I [a]	4
or MATH 170	or Calculus for the Life Sciences	
or STAT 130	or Introduction to Statistics for the Life Sciences	
Select one of the following:		5
CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [b]	
General Education Requirement course		3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Select one of the following:		5
CHEM 118	Honors and Majors General and Analytical Chemistry II	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [b]	
General Education Requirement course		3
BIOS 110	Biology of Cells and Organisms [b]	4
or BIOS 120	or Biology of Populations and Communities	
	Hours	**15**
Second Year		
Fall Semester		
CHEM 230	Organic Chemistry of Biological Systems	3-4
or CHEM 232	or Structure and Function	

BIOS 110 or BIOS 120	Biology of Cells and Organisms [b] or Biology of Populations and Communities	4
Foreign Language		4
General Education Requirement course or Elective		3-4
	Hours	**15**
Spring Semester		
BIOS 222	Cell Biology	3
BIOS 230	Evolution and Ecology	3
CHEM 233	Synthesis Techniques Laboratory	2
Foreign Language		4
General Education Requirement course		3
	Hours	**15**
Third Year		
Fall Semester		
BIOS 220	Genetics	3
PHYS 131 or PHYS 141	Introductory Physics for Life Sciences I [b] or General Physics I (Mechanics)	4
BIOS 310 or BIOS 312	Genetics Laboratory or Cell Biology Laboratory	2
Foreign Language		4
General Education Requirement course		3
	Hours	**16**
Spring Semester		
BIOS 310 or BIOS 312	Genetics Laboratory or Cell Biology Laboratory	2
BIOS 343	Animal Physiological Systems	3
PHYS 132 or PHYS 142	Introductory Physics for Life Sciences II or General Physics II (Electricity and Magnetism)	4
General Education Requirement course		3
Foreign Language		4
	Hours	**16**
Fourth Year		
Fall Semester		
Select 5-9 hours from the following: [c]		5-9
BIOS experimental techniques and data analyses selectives [c]		
BIOS Selectives [c]		
BIOS Electives [c]		
General Education Requirement course		3
Electives		7
	Hours	**15-19**
Spring Semester		
Select 5-9 hours from the following: [c]		5-9
BIOS experimental techniques and data analyses selectives [c]		
BIOS Selectives [c]		
BIOS Electives [c]		
Electives		8-9
	Hours	**13-18**
	Total Hours	**120**

a *MATH 170, MATH 180, or STAT 130, individually, will satisfy the Quantitative Reasoning requirement with a grade of C or better.*

b *The Analyzing the Natural World and the two additional General Education course requirements can be satisfied with four courses chosen from PHYS 131, PHYS 132, PHYS 141, PHYS 142, BIOS 110, BIOS 120 and/or CHEM 122/CHEM 123 and CHEM 124/CHEM 125.*

c *To complete the degree, students must take 23 additional hours, including 9 hours in experimental techniques and data analyses and the biological sciences selectives/electives to meet concentration requirements (21-25 hours for MCOB). At least 9 of these 23 hours must be taken at the 300 to 400 level (excluding BIOS 391).*

Minor in Biological Sciences

Requirements for the Minor

Students from other disciplines who want to minor in Biological Sciences must complete 19 semester hours distributed as follows:

Code	Title	Hours
Required Courses		
BIOS 110	Biology of Cells and Organisms	4
BIOS 120	Biology of Populations and Communities	4
Courses in the biological sciences at the 200 level or above (excluding BIOS 391 or BIOS 399)		11
Total Hours		**19**

Department of Black Studies

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blst.uic.edu

Administration:
Head, Joseph O. Jewell
Associate Head and Director of Undergraduate Studies, Darius Bost
Director of Graduate Studies, Ainsworth Clarke
Assistant Director, Briana Hanny
Business Manager, Jessica Hosley
Office Manager, Melissa Portis

The Department of Black Studies (formerly African American Studies) is an interdisciplinary field of study that examines the history, politics, and cultural production of persons of African descent both locally and globally. Courses in the major consider the United States, Africa, and the global dispersal of persons of African descent, including the Caribbean, Latin America, and Europe. The department has strong links to community organizations and social movements in Chicago, across the United States, and internationally. Students are encouraged to use their training to address "real world" problems and conflicts. Black Studies offers a liberal arts education that develops skills in critical thinking, research methods, theory building, analysis, and written and oral expression.

The Black Studies major and minor are excellent preparation for careers in public service, including health care, social work, and education; government; the arts; and media. Many students have successfully pursued advanced training in medicine, dentistry, library science as well as other advanced graduate degrees and professional work in fields ranging from the law to history, literature, and sociology.

Distinction

To be considered for Departmental Distinction, students must have a cumulative GPA of 3.25/4.00, a GPA of 3.50/4.00 in all Black Studies courses, and meet all course requirements for a major in Black Studies.

To be eligible for High or Highest Distinction, the student must have a grade point average of 3.75/4.00 in all Black Studies courses. In addition, eligible students must submit a final project for departmental review that demonstrates excellent work and must make a seminar presentation on this project to a session of Black Studies majors and faculty. The

determination of high or highest distinction will be made by the faculty on the basis of the grade point average, the project, and the presentation.

Degree Program

- BA with a Major in Black Studies (p. 332)

Minor

- Minor in Black Studies (p. 333)

BA with a Major in Black Studies

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Black Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		30
General Education and Electives to reach minimum Total Hours		90
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
One of the following:		3
BLST 100	Introduction to Black Studies [a,b]	
BLST 101	Introduction to Black Diaspora Studies [c,d]	
BLST 206	Black Studies and the Production of Knowledge [e]	3
Select two of the following history courses:		6
BLST 207	Racism: Global Perspectives [a,c]	
BLST 221	The Atlantic Slave Trade: Violence, Exploitation, Resistance [c,d]	
BLST 229	Black Diaspora Studies	
BLST 241	Precolonial Africa in World History [c,d]	
BLST 242	History of Modern Africa [c,d]	
BLST 246	Black Lives in Historical Context [b,d]	
BLST 247	African American History to 1877 [b,d]	
BLST 248	African American History since 1877 [b,d]	
BLST 263	Black Intellectual History [a,d]	
Select six BLST elective courses in consultation with a departmental advisor (distributed in the following way):		18
At least 6 semester hours at the 300 or 400 level		
No more than 6 hours at the 100 level		
Total Hours		**30**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category.*

c *This course is approved for the Exploring World Cultures General Education category.*

d *This course is approved for the Understanding the Past General Education category.*

e *BLST 206 fulfills the Writing-in-the-Discipline requirement.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Quantitative Reasoning course		5
Foreign Language		4
BLST 100 or BLST 101	Introduction to Black Studies or Introduction to Black Diaspora Studies	3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BLST 1XX or 2XX [a]		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Second Year		
Fall Semester		
BLST 206	Black Studies and the Production of Knowledge [b]	3
BLST 2XX (designated BLST history course) [c]		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Spring Semester		
BLST 2XX (designated BLST history course) [c]		3
BLST 1XX or 2XX [a]		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Third Year		
Fall Semester		
BLST 2XX [a]		3
BLST 2XX [a]		3
General Education Requirement course		3
General Education Requirement course		3
Electives		3
	Hours	**15**
Spring Semester		
BLST 3XX or BLST 4XX [a]		3
General Education Requirement course/Elective		3
General Education Requirement course/Elective		3
Electives		6
	Hours	**15**

Fourth Year		
Fall Semester		
BLST 3XX or BLST 4XX [a]		3
Electives		12
	Hours	**15**
Spring Semester		
Electives		12
	Hours	**12**
	Total Hours	**120**

a *Students are required to take an additional six courses (an additional 18 hours) in BLST selected in consultation with a departmental advisor, and distributed as follows: at least 6 semester hours at the 300 or 400 level, no more than 6 semester hours at the100 level.*

b *BLST 206 satisfies the Writing-in-the-Discipline requirement.*

c *History courses include: BLST 207, BLST 221, BLST 229, BLST 241, BLST 242, BLST 246, BLST 247, BLST 248, BLST 263.*

Minor in Black Studies

Minor Requirements

Students from other disciplines who want to minor in Black Studies must complete 15 semester hours as outlined below.

Code	Title	Hours
Required Courses		
Select two of the following 100-level courses:		6
BLST 100	Introduction to Black Studies	
BLST 101	Introduction to Black Diaspora Studies	
BLST 103	Black Politics and Culture in the United States	
BLST 104	Race, Place, and Schooling: Black Americans and Education	
BLST 105	Black Film, 1900 - Present: Images, Individuals and Ideas on Screen	
BLST 110	Introduction to African American Literature, 1760-1910	
BLST 111	Introduction to African American Literature Since 1910	
BLST 125	Black Religious Traditions	
BLST 191	African and Caribbean Francophone Literature in Translation	
Select one of the following history courses:		3
BLST 207	Racism: Global Perspectives	
BLST 221	The Atlantic Slave Trade: Violence, Exploitation, Resistance	
BLST 229	Black Diaspora Studies	
BLST 241	Precolonial Africa in World History	
BLST 242	History of Modern Africa	
BLST 246	Black Lives in Historical Context	
BLST 247	African American History to 1877	
BLST 248	African American History since 1877	
BLST 263	Black Intellectual History	
Select one BLST course at the 200 level		3
Select one BLST course at the 300 or 400 level		3
Total Hours		**15**

Department of Chemistry

Contact Information:
Campus Location: 4500 Science and Engineering South (SES)
(312) 996–3161
chem.uic.edu

Administration:
Head, Wonhwa Cho
Director of Undergraduate Studies, Minjung Ryu

Chemistry is a central science that provides much of the fundamental understanding needed to deal with society's needs. Students with a degree in chemistry find they are prepared for jobs in the chemical, health, and pharmaceutical industries and in many other settings, including teaching, environmental settings, energy research, biomedical labs, forensics, and occupational and public health.

The Department of Chemistry offers three undergraduate degrees.

1. The Bachelor of Science in Chemistry is recommended for anyone considering a professional career in chemistry. It prepares its graduates for admission to graduate schools in chemistry, to medical schools, and to professional positions in industry, the health field, and governmental agencies.
2. The Bachelor of Arts with a Major in Chemistry requires fewer chemistry courses and permits a larger number of electives outside of chemistry. It provides a program with many of the courses required for admission to medical schools and dental schools. The degree also provides a useful background for those who wish to pursue careers in business (management, marketing, sales).
3. The Bachelor of Science in Biochemistry, offered jointly with the Department of Biological Sciences, provides preparation for graduate study in biochemistry, for studies in medical and dental schools, or for careers in biotechnology. For more detailed information, see the Biochemistry (p. 322) section.

Faculty advising is provided for all students in the department. To be identified for effective advising, students should declare the chemistry major by the end of the freshman year. Transfer students should declare the major at the time of registration or during their first term in residence. Students considering changing to a major in chemistry at a later point in their careers should first obtain advice from the department.

Professional Approval

Recipients of the Bachelor of Science in Chemistry are immediately eligible for degree certification by the Committee on Professional Training of the American Chemical Society.

Distinction

Departmental Distinction. Chemical research is recognized as an important component of the honors candidate's program. Favorable consideration for Departmental Distinction will be given to those students who combine superior class performance with research accomplishments. Distinction may be awarded to students who have met the following criteria:

1. Completed a BS degree or have a distribution of courses with advanced hours in chemistry beyond the BA requirements.

2. Earned a GPA of at least 3.50/4.00 in science and mathematics courses.
3. Completed the physical chemistry CHEM 342, CHEM 343, CHEM 346 sequence.
4. Shown ability in chemical research by completing a research project or advanced laboratory courses.

High Distinction. In addition to fulfilling the conditions for Distinction, candidates are required to have a GPA of 3.70/4.00 or above in science and mathematics courses, and have completed a research project in the Department of Chemistry.

Highest Distinction. In addition to fulfilling criteria for High Distinction, candidates are required to have a GPA of 3.80/4.00 or above in science and mathematics courses, and to present evidence of exceptional performance in research.

Note: For determining Distinction, the GPA will be calculated using all of the credits that are being applied to the degree—from UIC and from any transfer institution.

Degree Programs

- BA with a Major in Chemistry (p. 334)
- BS in Chemistry (p. 335)
- BS in Biochemistry (p. 323)

Minor

- Minor in Chemistry (p. 337)

BA with a Major in Chemistry

Program Codes:
20FT0335BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Chemistry degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Courses		16
Major Requirements		36-40
General Education and Electives to reach Minimum Total Hours		64-68
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements. Students should consult the course lists below and their advisors to determine which courses are counted toward the General Education and Writing-in-the-Discipline requirements.

Required Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
MATH 180	Calculus I [a,b]	4
MATH 181	Calculus II [a]	4
Select one of the following sequences in physics:		8
PHYS 141	General Physics I (Mechanics) [a,c]	
PHYS 142	General Physics II (Electricity and Magnetism) [a,c]	
OR		
PHYS 131	Introductory Physics for Life Sciences I [a]	
PHYS 132	Introductory Physics for Life Sciences II [a]	
Total Hours		**16**

a *This course is approved for the Analyzing the Natural World General Education category.*
b *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*
c *PHYS 141 and PHYS 142 are recommended.*

Major Requirements

Code	Title	Hours
Required Courses		
Select one of the following sequences in general and analytical chemistry:		10-14
CHEM 122	Matter and Energy [a]	
CHEM 123	Foundations of Chemical Inquiry I [a,b]	
CHEM 124	Chemical Dynamics [a]	
CHEM 125	Foundations of Chemical Inquiry II [a,c]	
CHEM 222	Analytical Chemistry	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [d]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [d]	
CHEM 232	Structure and Function	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
Select one of the following sequences in physical chemistry:		9
CHEM 342	Physical Chemistry I	
CHEM 343	Physical Chemistry Laboratory [e]	
CHEM 346	Physical Chemistry II	
OR		
CHEM 340	Physical Chemistry for Biochemists I	
CHEM 343	Physical Chemistry Laboratory [e]	
CHEM 344	Physical Chemistry for Biochemists II	
CHEM 314	Inorganic Chemistry	4
Advanced chemistry electives at the 200 level or above		5
Total Hours		**36-40**

a *Each of the following pairs will be considered one course in meeting the LAS General Education requirements: CHEM 122/CHEM 123; CHEM 124/CHEM 125.*
b *If not taken concurrently with CHEM 122, CHEM 123 should be taken within one semester of CHEM 122.*
c *If not taken concurrently with CHEM 124, CHEM 125 should be taken within one semester of CHEM 124.*
d *CHEM 116 and CHEM 118 are recommended for chemistry majors.*
e *CHEM 343 fulfills the Writing-in-the-Discipline requirement.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Select one of the following:		5
CHEM 116	Honors and Majors General and Analytical Chemistry I [a]	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	
General Education Requirement course		3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
Select one of the following:		3-5
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
CHEM 232	Structure and Function	
General Education Requirement course		3-5
	Hours	**13-17**
Second Year		
Fall Semester		
Select one of the following:		3-5
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
CHEM 232	Structure and Function	
CHEM 233	Synthesis Techniques Laboratory	2
Select one of the following:		4
PHYS 141	General Physics I (Mechanics)	
PHYS 131	Introductory Physics for Life Sciences I	
Foreign Language		4
	Hours	**13-15**
Spring Semester		
CHEM 234	Chemical Synthesis	3
Select one of the following:		4
PHYS 142	General Physics II (Electricity and Magnetism)	
PHYS 132	Introductory Physics for Life Sciences II	
Foreign Language		4
General Education Requirement course		3
	Hours	**14**
Third Year		
Fall Semester		
CHEM 222	Analytical Chemistry [c]	4
CHEM 314	Inorganic Chemistry	4
Foreign Language		4
Electives		5
	Hours	**17**
Spring Semester		
Select one of the following:		3
CHEM 340	Physical Chemistry for Biochemists I [d]	
CHEM 346	Physical Chemistry II [b]	
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
Electives		3
	Hours	**16**
Fourth Year		
Fall Semester		
CHEM 343	Physical Chemistry Laboratory [e]	3
Select one of the following:		3
CHEM 342	Physical Chemistry I [a]	
CHEM 344	Physical Chemistry for Biochemists II [d]	
Electives		9
	Hours	**15**
Spring Semester		
Chemistry Elective		5
Electives		10
	Hours	**15**
	Total Hours	**120**

a CHEM 116 *and* CHEM 342 *are offered fall semester only. CHEM 342 requires calculus-based physics (PHYS 141, PHYS 142) as a prerequisite and Calculus III (MATH 210) as a corequisite).*
b *CHEM 118 and CHEM 346 are offered spring semester only.*
c *Students who take CHEM 116 and CHEM 118 to fulfill the general chemistry requirement do not need to take CHEM 222.*
d *CHEM 340 and CHEM 344 are offered in the fall and spring semesters.*
e *CHEM 343 satisfies the Writing-in-the-Discipline requirement.*

BS in Chemistry

Program Codes:
20FT0335BS

Degree Requirements

To earn a Bachelor of Science in Chemistry degree from UIC, students need to complete university, college, and department degree requirements. The Department of Chemistry degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Requirements for the Curriculum		120
Total Hours		**120**

Requirements for the Curriculum

The requirements for the curriculum include the courses necessary to complete the General Education and Writing-in-the-Discipline requirements described in the College of Liberal Arts and Sciences (p. 304) section.

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign language (the equivalent of two years of a single language at the college level)		0-16
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Individual and Society course [a]		3
Understanding the Past course [a]		3
Understanding U.S. Society course [a]		3
MATH 180	Calculus I [b,c]	4
MATH 181	Calculus II [c]	4
MATH 210	Calculus III [c]	3
PHYS 141	General Physics I (Mechanics) [c]	4
PHYS 142	General Physics II (Electricity and Magnetism) [c]	4
Select one of the following sequences in general and analytical chemistry:		10-14
CHEM 116	Honors and Majors General and Analytical Chemistry I [c,d]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [c,d]	
OR		
CHEM 122	Matter and Energy [e]	
CHEM 123	Foundations of Chemical Inquiry I [c,e]	
CHEM 124	Chemical Dynamics [e]	
CHEM 125	Foundations of Chemical Inquiry II [c,e]	
CHEM 222	Analytical Chemistry	
CHEM 232	Structure and Function	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
CHEM 235	Advanced Synthesis Techniques	2
CHEM 314	Inorganic Chemistry	4
CHEM 342	Physical Chemistry I	3
CHEM 343	Physical Chemistry Laboratory [f]	3
CHEM 346	Physical Chemistry II	3
CHEM 402	Chemical Information Systems	2
CHEM 421	Instrumental Analysis	3
CHEM 452	Biochemistry I	4
Select one of the following advanced lecture courses:		2
CHEM 414	Advanced Inorganic Chemistry	
CHEM 432	Advanced Organic Chemistry	
CHEM 444	Spectroscopy in Chemistry and Biochemistry	
Select one of the following advanced laboratory courses:		3
CHEM 415	Inorganic Chemistry Laboratory	
CHEM 455	Biochemistry Laboratory	
CHEM 499	Supervised Research	
Electives at the 300 level or above in the natural sciences or mathematics, as approved by the departmental advisor		3
Electives		7-27
Total Hours		**120**

a *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses in this category.*

b *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*

c *This course is approved for the Analyzing the Natural World General Education category.*

d *CHEM 116 and CHEM 118 are recommended.*

e *Each of the following pairs will be considered one course in meeting the General Education requirements: CHEM 122/CHEM 123; CHEM 124/CHEM 125.*

f *CHEM 343 fulfills the LAS Writing-in-the-Discipline requirement.*

Recommended Plan of Study

Chemistry is a highly structured discipline. Because most advanced courses require physical chemistry as a prerequisite, which in turn requires prerequisites of general chemistry, physics, and mathematics, careful course planning is essential. It is best to start with mathematics and general chemistry in the first year, followed by organic chemistry and physics in the second year, and physical chemistry in the third year. Consult the Biochemistry (p. 322) section for more information on the BS in Biochemistry.

Note: Students who are not ready to start with MATH 180 and CHEM 122/CHEM 123 should expect to take summer session courses and/or take longer than four years to graduate.

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
Select one of the following:		5
CHEM 116	Honors and Majors General and Analytical Chemistry I [a]	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	
General Education Requirement course		3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
Select one of the following:		3-5
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
CHEM 232	Structure and Function	
General Education Requirement course		3-5
	Hours	**13-17**
Second Year		
Fall Semester		
Select one of the following:		3-5
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
CHEM 232	Structure and Function	
CHEM 233	Synthesis Techniques Laboratory	2
PHYS 141	General Physics I (Mechanics)	4
General Education Requirement course		4-6
	Hours	**13-17**

Spring Semester		
CHEM 222	Analytical Chemistry [c]	4
CHEM 234	Chemical Synthesis	3
CHEM 235	Advanced Synthesis Techniques	2
PHYS 142	General Physics II (Electricity and Magnetism)	4
Foreign Language		4
	Hours	**17**
Third Year		
Fall Semester		
CHEM 314	Inorganic Chemistry	4
CHEM 342	Physical Chemistry I	3
MATH 210	Calculus III [c]	3
Foreign Language		4
	Hours	**14**
Spring Semester		
CHEM 346	Physical Chemistry II [b]	3
CHEM 452	Biochemistry I	4
General Education Requirement course		3
General Education Requirement course		3
Foreign Language		4
	Hours	**17**
Fourth Year		
Fall Semester		
CHEM 343	Physical Chemistry Laboratory [d]	3
CHEM 402	Chemical Information Systems	2
CHEM 414 or CHEM 432 or CHEM 444	Advanced Inorganic Chemistry or Advanced Organic Chemistry or Spectroscopy in Chemistry and Biochemistry	2
Foreign Language		4
Electives		4
	Hours	**15**
Spring Semester		
CHEM 421	Instrumental Analysis	3
CHEM 415 or CHEM 455 or CHEM 499	Inorganic Chemistry Laboratory or Biochemistry Laboratory or Supervised Research	3
Electives at the 300 level in the natural sciences or mathematics, as approved by the departmental advisor		3
General Education Requirement course		3
	Hours	**12**
	Total Hours	**120**

a *CHEM 116 and CHEM 342 are offered fall semester only.*
b *CHEM 118 and CHEM 346 are offered spring semester only.*
c *Students who take CHEM 116 and CHEM 118 to fulfill the general chemistry requirement do not need to take CHEM 222.*
d *CHEM 343 fulfills the LAS Writing-in-the-Discipline requirement.*

Minor in Chemistry

Minor Requirements

Students from other disciplines who want to minor in Chemistry must complete 18–20 semester hours distributed as follows:

Code	Title	Hours
Required Courses		
Select one of the following sequences:		10
CHEM 122	Matter and Energy	
CHEM 123	Foundations of Chemical Inquiry I	
CHEM 124	Chemical Dynamics	
CHEM 125	Foundations of Chemical Inquiry II	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [a]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [a]	
CHEM 232	Structure and Function	3
Select one of the following sequences:		5-7
Analytical chemistry and instrumentation		
CHEM 222	Analytical Chemistry	
CHEM 421	Instrumental Analysis	
Organic laboratory and inorganic or physical chemistry		
CHEM 233	Synthesis Techniques Laboratory	
CHEM 314	Inorganic Chemistry	
or CHEM 340	Physical Chemistry for Biochemists I	
or CHEM 342	Physical Chemistry I	
Total Hours		**18-20**

a *Students who take CHEM 116/CHEM 118 for their general and analytical chemistry work do not need to take CHEM 222 for the minor, or as a prerequisite for CHEM 421.*

Department of Classics and Mediterranean Studies

Contact Information:
Campus Location: 1722 University Hall (UH)
(312) 996–5218
clasmed.uic.edu

Administration:
Head: Young Kim, ymrkim@uic.edu
Director of Undergraduate Studies: Zinon Papakonstantinou, zpapak@uic.edu

Classics is the study of the history, culture, languages, and reception of the ancient Mediterranean world, with a particular focus on the Greeks and the Romans. The Classics and Mediterranean Studies (CAMS) Department at UIC offers a program leading to the Bachelor of Arts in Classical Studies, and students at UIC can take a wide range of classics courses and major/minor in Classical Studies. The department also encompasses the study and teaching of Arabic (including a minor) and Modern Greek history and culture.

Students who major in classical studies go on to pursue careers in law and professional scholarship, teach, and find employment in a wide range of fields. Recent graduates have entered law, medical, and divinity schools, while others have taken positions in business, public service, and education. The training students receive in critical reading, analytical thinking, and written and oral rhetoric is highly valued and sought by prospective employers.

The department is part of the School of Literatures, Cultural Studies and Linguistics, which comprises six independent departments and three academic programs, creating a collaborative environment for interdisciplinary study.

Distinction

- **Departmental Distinction**. The candidate for departmental distinction must earn a 3.50/4.00 GPA in courses required for the major and a 3.00/4.00 overall GPA (UIC and transfer credit).
- **High Departmental Distinction**. The candidate for high departmental distinction must earn a 3.75/4.00 GPA in courses required for the major and a 3.00/4.00 overall GPA (UIC and transfer credit).
- **Highest Departmental Distinction**. Students who qualify for High Distinction and complete CL 399 with a grade of A will qualify for Highest Distinction.

Degree Program

- BA with a Major in Classical Studies (p. 338)

Minors

- Minor in Arabic (p. 340)
- Minor in Classical Studies (p. 340)

BA with a Major in Classical Studies

Program Codes:
20FT5275BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Classics and Mediterranean Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		28-31
General Education and Electives to reach minimum Total Hours		89-92
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses for All Students		
Select one of the following: [a]		3
CL 102	Introduction to Classical Literature [b,c]	
CL 208	Classical Mythology [c,d]	
Select one of the following: [a]		3
CL 103	Introduction to Classical and Mediterranean Archaeology [b,c]	
CL 204	Greek Art and Archaeology [b,c]	
CL 205	Roman Art and Archaeology [b,c]	
Select one of the following: [a]		3
CL 100	Greek Civilization [b,c]	
CL 202	Ancient Greece [c,e]	
Select one of the following: [a]		3
CL 101	Roman Civilization [c]	
CL 203	Ancient Rome [c,e]	
CL 398	Advanced Topics in Classical Civilization [f]	1-3
Complete one of the following tracks:		15-16
Language Track (16 hours)		
Select one of the following (or the equivalent to be determined by examination):		
ARAB 104	Intermediate Arabic II	
GKM 104	Intermediate Modern Greek II	
LAT 104	Intermediate Latin II	
Four additional courses in Arabic, Classics, Latin, or Modern Greek at the 200, 300, or 400 levels. At least one course must be at the 300 level or above.		
Culture Track (15 hours)		
Five additional courses in Arabic, Classics, Latin, or Modern Greek at the 200, 300, or 400 levels. At least one course must be at the 300 level or above. [g]		
Total Hours		**28-31**

a *At least one of these four requirements must be satisfied with a course at the 200 level.*
b *Fulfills the Understanding the Creative Arts General Education category.*
c *Fulfills the Understanding the Past General Education category.*
d *Fulfills the Understanding the Individual and Society General Education Category.*
e *Fulfills the Understanding World Cultures General Education category.*
f *CL 398 fulfills the Writing-in-the-Discipline requirement. Prior to registration, students will discuss with faculty to determine the appropriate number of hours for their project.*
g *Students may count one 100-level language course in ARAB, GKM, or LAT toward this elective requirement.*

No more than 9 hours of the major may be chosen from the following courses that are cross-listed with Classics:

Code	Title	Hours
Courses		
HIST 202	Ancient Greece	3
HIST 203	Ancient Rome	3
HIST 401	Topics in Greek History	3-4
PHIL 120	Introduction to Ancient Philosophy	3
PHIL 220	Ancient Philosophy I: Plato and His Predecessors	3
PHIL 221	Ancient Philosophy II: Aristotle and His Successors	3

Recommended Plan of Study

Language Track

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Quantitative Reasoning Requirement course		3-5
LAT 101 or ARAB 101 or GKM 101	Elementary Latin I or Elementary Arabic I or Elementary Modern Greek I	4
CL 100 or CL 202	Greek Civilization [a] or Ancient Greece	3
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
LAT 102 or ARAB 102 or GKM 102	Elementary Latin II or Elementary Arabic II or Elementary Modern Greek II	4
CL 101 or CL 203	Roman Civilization or Ancient Rome	3
General Education Requirement course		3
General Education Requirement course		3-4
	Hours	**16-17**
Second Year		
Fall Semester		
CL 102 or CL 208	Introduction to Classical Literature or Classical Mythology	3
CL 103 or CL 204 or CL 205	Introduction to Classical and Mediterranean Archaeology or Greek Art and Archaeology or Roman Art and Archaeology	3
LAT 103 or ARAB 103 or GKM 103	Intermediate Latin I or Intermediate Arabic I or Intermediate Modern Greek I	4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Spring Semester		
Major Elective [b]		3
LAT 104 or ARAB 104 or GKM 104	Intermediate Latin II or Intermediate Arabic II or Intermediate Modern Greek II	4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**13-15**
Third Year		
Fall Semester		
Major Elective [b]		3
General Education Requirement course		3-5
General Education Requirement course/Elective		3-5
Electives		6-9
	Hours	**15-18**
Spring Semester		
Major Elective [b]		3
General Education Requirement course/Elective		3-5
Electives		9
	Hours	**15-17**
Fourth Year		
Fall Semester		
Major Elective [b]		3
Electives		12
	Hours	**15**
Spring Semester		
CL 398	Advanced Topics in Classical Civilization	1-3
Electives		12-14
	Hours	**15**
	Total Hours	**120**

Culture Track

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Quantitative Reasoning Requirement course		3-5
Foreign Language I		4
CL 100 or CL 202	Greek Civilization [a] or Ancient Greece	3
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language II		4
CL 101 or CL 203	Roman Civilization or Ancient Rome	3
General Education Requirement course		3
General Education Requirement course		3-4
	Hours	**16-17**
Second Year		
Fall Semester		
CL 102 or CL 208	Introduction to Classical Literature or Classical Mythology	3
CL 103 or CL 204 or CL 205	Introduction to Classical and Mediterranean Archaeology or Greek Art and Archaeology or Roman Art and Archaeology	3
Foreign Language III		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Spring Semester		
Major Elective [b]		3
Major Elective [b]		3
Foreign Language IV		4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**16-18**
Third Year		
Fall Semester		
Major Elective [b]		3
General Education Requirement course		3-5
General Education Requirement course/Elective		3-5
Electives		6-9
	Hours	**15-18**
Spring Semester		
Major Elective [b]		3
General Education Requirement course/Elective		3-5
Electives		9
	Hours	**15-17**
Fourth Year		
Fall Semester		
Major Elective [b]		3
Electives		12
	Hours	**15**

Spring Semester		
CL 398	Advanced Topics in Classical Civilization	1-3
Electives		9-11
	Hours	**12**
	Total Hours	**120**

Minor in Arabic

Minor Requirements

To earn the Minor in Arabic, students musts complete 16 semester hours (9 of which must be at the 200 level or above) as follows:

Code	Title	Hours
Required Courses		
ARAB 104	Intermediate Arabic II [a]	4
ARAB 201	Advanced Arabic through Literature	3
ARAB 202	Media Arabic	3
or ARAB 203	Arabic for Healthcare Professions and Sciences	
Select one course from each of the following categories: [b]		
History or Politics of the Arab World		3
HIST 177	Middle Eastern Civilization	
HIST 277	The Middle East to 1258	
HIST 278	The Middle East Since 1258	
HIST 477	Topics in Middle Eastern History	
POLS 243	Politics and Government of the Middle East	
Culture of the Arab World		3
ARAB 105	Modern Arab Culture	
ARAB 230	Arabic Literature in Translation	
ARAB 250	The Heritage of Muslim Iberia	
ARAB 270	The Reel Arab	
CL 209	Near Eastern Art and Archaeology	
CL 210	Ancient Egyptian Art and Archaeology	
CL 260	Near Eastern Myths & Epic	
GKM 286	Modern Greek Cities: Historical-Ethnographic Survey	
PHIL 222	Philosophy in the Islamic World	
RELS 130	Introduction to Islam	
RELS 230	Topics in Islam	
RELS 279	The Qur'an: A Historical and Cultural Approach	
Total Hours		**16**

a *Enrollment in ARAB 104 requires a grade of C or better in ARAB 103; or appropriate score on the department placement test; or consent of the instructor.*

b *3 semester hours of ARAB 299 may be approved to count toward one of these categories, if relevant. One course (3 semester hours) taken for these categories must be at the 200 level.*

Minor in Classical Studies

Minor Requirements

Students from other disciplines who want to minor in Classical Studies must take a total of 15 hours distributed as follows:

Code	Title	Hours
Required Courses		
One CL course at the 100 level [a]		3
Select one of the following:		3
CL 202	Ancient Greece [b,c]	
CL 203	Ancient Rome [b,c]	
Select one of the following:		3
CL 204	Greek Art and Archaeology [b,d]	
CL 205	Roman Art and Archaeology [b,d]	
Two additional courses [e]		6
Total Hours		**15**

a *With advisor approval, relevant 100-level courses from other disciplines may be substituted.*

b *Fulfills the Understanding the Past General Education category.*

c *Fulfills the Understanding World Cultures General Education category.*

d *Fulfills the Understanding the Creative Arts Education category.*

e *Two additional courses in Arabic, Classics, Latin, or Modern Greek, of which at least one must be at the 200 level or above.*

Department of Communication

Contact Information:
Campus Location: 1140 Behavioral Sciences Building (BSB)
(312) 996–3187
comm@uic.edu
comm.uic.edu

Administration:
Head, Zizi Papacharissi
Director of Undergraduate Study, Diem-My Bui

The Department of Communication highlights the role of communication, media, and technology in creating relationships within human societies. Courses range from the personal through the international level and build responsible citizenship.

A degree in communication focuses on social science research, leading to several career paths, including market research, corporate relations, human resources, event planning, advertising, media writing, teaching, and government.

The core courses introduce fundamental concepts, theories, issues, and statistical methods in a variety of settings and build skills in reasoned argument, research, and critical thinking.

Subsequent courses integrate analysis and research, emphasizing observation, production, and consumption as critical processes in which students continually engage, while also emphasizing systematic inquiry that involves students in research activities. The courses foster critical understanding of the ways that individuals, groups, and societies create meanings about their worlds through communication.

Admission to the Major

Students may declare a major in Communication at any time. The first courses students should complete are the following, which are prerequisites for enrollment in many upper-level communication courses.

Code	Title	Hours
Courses		
COMM 101	Introduction to Communication	3
COMM 102	Introduction to Interpersonal Communication	3
COMM 103	Media Literacy	3

Distinction

For Distinction, the requirements are a cumulative GPA of 3.25/4.00 and a departmental GPA of 3.50/4.00. For High Distinction, the requirements are a cumulative GPA of 3.25/4.00, a departmental grade point average of 3.50/4.00, and satisfactory completion of an advanced original research paper under the supervision of a faculty member of the student's choosing. Questions regarding graduation with distinction may be directed to the department.

Degree Program

- BA with a Major in Communication (p. 341)

Minor

- Minor in Communication (p. 342)

BA with a Major in Communication

Program Codes:
20FT1113BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Communication degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach Minimum Total Hours		87
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Courses		
COMM 101	Introduction to Communication [a]	3
COMM 102	Introduction to Interpersonal Communication [a]	3
COMM 103	Media Literacy [a]	3
COMM 200	Communication Technologies	3
COMM 301	Communication Research [b,e]	3
Select five additional communication courses at the 200, 300, or 400 level with at least two courses at the 400 level [c]		15
Select one of the following:		3
COMM 490	Seminar in Culture and Communication [d]	
COMM 491	Seminar in Media and Communication [d]	
Total Hours		**33**

a *This course is approved for the Understanding the Individual and Society General Education category.*
b *COMM 301 also fulfills the Writing-in-the-Discipline requirement.*
c *Exclusive of COMM 490 and COMM 491. No more than 3 hours of COMM 474 or 3 hours of COMM 498 may be applied toward the major.*
d *Only one of the seminars, COMM 490 or COMM 491, may be applied toward the major in Communication.*
e *Students may not register in 100-, 200-, and 300-level COMM core courses concurrently. For example, students must complete COMM 101, COMM 102, and COMM 103 before they can register in COMM 301.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Select one of the following:		3
COMM 101	Introduction to Communication [a]	
COMM 102	Introduction to Interpersonal Communication [a]	
COMM 103	Media Literacy [a]	
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Second Year		
Fall Semester		
Select one of the following:		3
COMM 101	Introduction to Communication [a]	
COMM 102	Introduction to Interpersonal Communication [a]	
COMM 103	Media Literacy [a]	
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3

Electives		3
	Hours	**16**
Spring Semester		
Select one of the following:		3
COMM 101	Introduction to Communication [a]	
COMM 102	Introduction to Interpersonal Communication [a]	
COMM 103	Media Literacy [a]	
Foreign Language		4
General Education Requirement course		3
General Education Requirement course/Elective		2-5
Electives		3
	Hours	**15-18**
Third Year		
Fall Semester		
COMM 200	Communication Technologies	3
Quantitative Reasoning Requirement [b]		3-5
General Education Requirement course/Elective		3
Electives		6
	Hours	**15-17**
Spring Semester		
COMM 301	Communication Research	3
COMM 2xx, 3xx, or 4xx [c,d]		3
General Education Requirement course/Elective		3
Electives		6
	Hours	**15**
Fourth Year		
Fall Semester		
COMM 2xx, 3xx, or 4xx [c,d]		3
COMM 2xx, 3xx, or 4xx [c,d]		3
Electives		9
	Hours	**15**
Spring Semester		
Select one of the following:		3
COMM 490	Seminar in Culture and Communication [e]	
COMM 491	Seminar in Media and Communication [e]	
COMM 2xx, 3xx, or 4xx [c,d]		3
COMM 2xx, 3xx, or 4xx [c,d]		3
Electives		6
	Hours	**15**
	Total Hours	**120**

a *Two of these courses may be used to satisfy two of the nine courses in the General Education Program.*

b *COMM 201 may be used to satisfy the LAS Quantitative Reasoning Requirement with a grade of C or better.*

c *Five Communication courses at the 200, 300, or 400 level with at least two courses at the 400 level.*

d *No more than 3 hours of either COMM 474 or COMM 498 may be applied toward the major.*

e *Only one of the seminars, COMM 490 or COMM 491, may be applied toward the major.*

Note: COMM 100, COMM 105, and COMM 140 do not count toward the major. Students may not register in 100-, 200-, and 300-level COMM core courses concurrently. For example, students must complete COMM 101, COMM 102, and COMM 103 before they can register for COMM 301.

Minor in Communication

Minor Requirements

Students from other disciplines who want to minor in Communication must complete 18 semester hours as outlined below.

Code	Title	Hours
Required Courses		
COMM 101	Introduction to Communication	3
COMM 102	Introduction to Interpersonal Communication	3
COMM 103	Media Literacy	3
COMM 200	Communication Technologies	3
Select two COMM electives at the 200 level or higher		6
Total Hours		**18**

Department of Criminology, Law, and Justice

Contact Information:
Campus Location: 4022 Behavioral Sciences Building (BSB)
(312) 996-5290
clj.uic.edu

Administration:
Interim Department Head, Amie M. Schuck
Associate Department Head, Nicole Nguyen
Director of Undergraduate Studies, Dean Adams

Criminology, law, and justice is a social and behavioral science field of study that selects crime, law, and the criminal justice system for its subject matter. Using social science methodologies, the program examines the nature, extent, and causes of crime in various settings, the impact of crime on victims and society, and both formal and informal responses to crime. These responses include individual and community reactions, the investigation of crimes and arrest of offenders by the police, and their prosecution, defense, and adjudication by the courts; and an array of sentencing and correctional outcomes. The nature and effectiveness of criminal justice reform efforts are also studied.

The degree prepares graduates for a broad range of professional roles in the criminal justice system, advocacy, as well as the broader legal system. It also serves as entry to graduate programs of criminal justice and related research and professional programs such as law, sociology, public administration, paralegal studies, public health, and various social services.

Distinction

Departmental Distinction. A candidate must have a 3.50/4.00 cumulative GPA in all criminology, law, and justice courses and a 3.25/4.00 cumulative GPA in all UIC courses.

High Distinction. A candidate must have a 3.50/4.00 cumulative GPA in all criminology, law, and justice courses, a 3.25/4.00 cumulative GPA in all UIC courses, and complete a paper written for CLJ 399, which will be reviewed by a faculty advisor and the Departmental Undergraduate Committee. Qualified students should contact the departmental undergraduate director one term in advance of graduation.

Degree Program

- BA with a Major in Criminology, Law, and Justice (p. 343)

Minors

- Minor in Criminology, Law, and Justice (p. 344)
- Minor in Law and Society (p. 344)

BA with a Major in Criminology, Law, and Justice

Program Codes:
20FT5130BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Criminology, Law, and Justice degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach minimum Total Hours		87
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
CLJ 101	Introduction to Criminology, Law, and Justice [a]	3
CLJ 200	Law and Society [a]	3
CLJ 210	Principles of Criminal Law	3
CLJ 220	Criminology	3
CLJ 261	Research Methods I	3
CLJ 262	Research Methods II [b]	3
Select one of the following:		3
CLJ 303	Introduction to Forensic Science	
CLJ 321	Youth, Crime, Law and Justice in Society	
CLJ 345	Police in Society	
CLJ 350	Courts in Society	
CLJ 355	Punishment, Prisons and Corrections	
CLJ 356	Community Corrections and Reentry	
CLJ 361	Criminal Investigation	
CLJ 363	Drugs and Addiction in Society	
Four courses at the 300 or 400 level [c,d]		12
Total Hours		**33**

a *This course is approved for the Understanding U.S. Society General Education category.*
b *CLJ 262 also fulfills the LAS Quantitative Reasoning requirement.*
c *To satisfy the Writing-in-the-Discipline requirement, one of these must be a 400-level CLJ course approved for Writing in the Discipline: CLJ 405, CLJ 422, CLJ 423, CLJ 424, CLJ 425, CLJ 430, CLJ 435, CLJ 442, CLJ 450, CLJ 491, CLJ 492, or CLJ 493.*
d *Only 3 hours of CLJ 395 may count toward the major.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
General Education Requirement course		3-4
General Education Requirement course		3-5
	Hours	**13-16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
CLJ 101	Introduction to Criminology, Law, and Justice [a]	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
CLJ 200	Law and Society [a]	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Spring Semester		
CLJ 210	Principles of Criminal Law	3
Foreign Language		4
General Education Requirement course/Elective		3
General Education Requirement course/Elective		3
Electives		3
	Hours	**16**
Third Year		
Fall Semester		
CLJ 220	Criminology	3
CLJ 261	Research Methods I	3
Electives		9
	Hours	**15**
Spring Semester		
CLJ 262	Research Methods II [b]	3
One 300- or 400-level Elective in CLJ		3
Electives		9
	Hours	**15**

Fourth Year		
Fall Semester		
CLJ 303	Introduction to Forensic Science	3
or CLJ 321	or Youth, Crime, Law and Justice in Society	
or CLJ 345	or Police in Society	
or CLJ 350	or Courts in Society	
or CLJ 355	or Punishment, Prisons and Corrections	
or CLJ 356	or Community Corrections and Reentry	
or CLJ 361	or Criminal Investigation	
or CLJ 363	or Drugs and Addiction in Society	
400-level course to satisfy Writing-in-the-Discipline requirement		3
Electives		9
	Hours	**15**
Spring Semester		
One 300- or 400-level Elective in CLJ		3
One 300- or 400-level Elective in CLJ		3
Electives		8-9
	Hours	**14-15**
	Total Hours	**120**

a *These two courses may be used to satisfy two of the nine courses in the General Education Requirement.*

b *Satisfies Quantitative Reasoning requirement when a grade of C or better is earned. Math prerequisite must be met.*

Minor in Criminology, Law, and Justice

Minor Requirements

Students from other disciplines who want to minor in Criminology, Law, and Justice must complete 18 semester hours as outlined below:

Code	Title	Hours
Required Courses		
CLJ 101	Introduction to Criminology, Law, and Justice	3
CLJ 200	Law and Society	3
CLJ 210	Principles of Criminal Law	3
CLJ 220	Criminology	3
Two courses at the 300 or 400 level chosen with the consent of the advisor		6
Total Hours		**18**

Minor in Law and Society

Minor Requirements

Students from other disciplines who want to minor in Law and Society must complete 18-19 semester hours as outlined below:

Code	Title	Hours
Required Courses		
Select one of the following:		3-4
PHIL 102	Introductory Logic	
PHIL 103	Introduction to Ethics	
ECON 120	Principles of Microeconomics	
ECON 121	Principles of Macroeconomics	
Complete one of the following tracks:		15
Criminal Justice		
CLJ 101	Introduction to Criminology, Law, and Justice	
Select four of the following:		
CLJ 110	Rights, Justice and the Law	
CLJ 210	Principles of Criminal Law	
CLJ 303	Introduction to Forensic Science	
CLJ 311	Criminal Procedure	
CLJ 361	Criminal Investigation	
Law in Social Context		
CLJ 101	Introduction to Criminology, Law, and Justice	
Select four of the following:		
CLJ 114	Race, Class, Gender and the Law	
POLS 120	Introduction to Political Theory	
CLJ 200	Law and Society	
CLJ 423	Violence	
CLJ 424	Gender, Crime, and Justice	
CLJ 435	White Collar Crime	
Public Law		
POLS 101	Introduction to American Government and Politics	
Select four of the following:		
POLS 258	The Judicial Process	
POLS 353	Constitutional Law	
POLS 354	The Constitution and Civil Liberties	
POLS 356	Constitutional Law: Women, Gender and Privacy	
POLS 358	Constitutional Law: African-American Legal History	
Total Hours		**18-19**

Courses counting in the major of Criminology, Law, and Justice may not be counted toward the Law and Society minor. One class not included in the minor may be substituted for any course within a track with the consent of the Law and Society faculty advisor.

Department of Earth and Environmental Sciences

Contact Information:
Campus Location: 2440 Science and Engineering South (SES)
(312) 996–3154
eaes.uic.edu

Administration:
Head, Fabien Kenig
Director of Undergraduate Studies, D'Arcy Meyer-Dombard

Earth and environmental science majors and minors study the processes that occur at Earth's surface and in its interior, the evolution of these processes over time, and the solids, liquids, and gases that make up Earth materials. Earth is viewed as a dynamic body, with continual exchange of materials and energy among the planet's interior and exterior, atmosphere, oceans, and life. Understanding these Earth system processes is essential for evaluating the global environment, its natural variability, and changes that result from human activities.

A degree in earth and environmental sciences may lead to employment in industry, in the public sector, or in education. Many earth scientists establish careers in areas that are environmentally related, which may include the prevention, control, and remediation of pollutants from water and soil. Others work at predicting and preventing problems associated with natural hazards such as earthquakes, landslides, floods, and volcanic eruptions. Employment possibilities also exist in the exploration, use, and management of resources such as water, metals, petroleum, and coal.

Distinction

To be recommended for graduation with Departmental Distinction, a student must have a GPA in mathematics and science courses of 3.20/4.00 or better, 3.50/4.00 or better for High Distinction. For Highest Distinction, students must have a GPA of 3.70/4.00 or better, as well as superior performance in EAES 396.

Degree Program

- BS with a Major in Earth and Environmental Sciences (p. 345)

Minor

- Minor in Earth and Environmental Sciences (p. 346)

BS with a Major in Earth and Environmental Sciences

Program Codes:
20FT1174BS

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students need to complete university, college, and department degree requirements. The Department of Earth and Environmental Sciences degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Courses		24-26
Core Courses		23
Selective Courses		15
General Education and Electives to reach minimum Total Hours		56-58
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p.) in the College of Liberal Arts and Sciences section for information on meeting these requirements. Students should consult the course lists below and their advisors to determine which courses are counted toward the General Education and Writing-in-the-Discipline requirements.

Required Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
Select one of the following options in general physics:		4
PHYS 131	Introductory Physics for Life Sciences I [a]	
PHYS 141	General Physics I (Mechanics) [a]	
CHEM 122	Matter and Energy [b]	3
CHEM 123	Foundations of Chemical Inquiry I [a,b]	2
MATH 180	Calculus I [a,c]	4
MATH 181	Calculus II [a]	4
BIOS 110	Biology of Cells and Organisms [a]	4
Select one of the following chemistry, physics, or mathematics options:		3-5
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [a,b]	
PHYS 132	Introductory Physics for Life Sciences II [a]	
PHYS 142	General Physics II (Electricity and Magnetism) [a]	
MATH 210	Calculus III [a]	
Total Hours		**24-26**

a *These courses are approved for the Analyzing the Natural World General Education category.*
b *General Education credit is given for successful completion of both CHEM 122 and CHEM 123 or CHEM 124 and CHEM 125.*
c *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*

Core Courses

Code	Title	Hours
Required Courses		
EAES 101	Global Environmental Change [a]	4
EAES 111	Earth, Energy, and the Environment [a]	4
EAES 290	Communication in Earth and Environmental Sciences [b]	2
Select one of the following field-methods courses:		2
EAES 300	Fieldwork in Missouri	
EAES 302	Methods in Environmental Sciences	
EAES 330	Earth Materials	4
EAES 380	Earth and Environmental Data Science	3
EAES 385	Earth Systems	4
Total Hours		**23**

a *This course is approved for the Analyzing the Natural World General Education category.*
b *EAES 290 fulfills the Writing-in-the-Discipline requirement.*

Selective Courses

Students must select at least 15 semester hours with at least one course from each of the following two groups. In order to reach the 15 hours, one course can be chosen, with permission of the director of

undergraduate studies, from courses in environmental studies offered in other departments; this course must be at the 200 level or above.

Code	Title	Hours
Courses		
Group A: Physical Processes in Earth and Environmental Sciences		3-12
EAES 350	Sedimentary Environments	
EAES 430	Petrology	
EAES 440	Structural Geology and Tectonics	
EAES 444	Geophysics	
EAES 470	Environmental Geomorphology	
EAES 472	Remote Sensing and GIS for Earth and Environmental Sciences	
EAES 475	Hydrology/Hydrogeology	
EAES 484	Planetary Science	
Group B: Chemical and Biological Processes in Earth and Environmental Sciences		3-12
EAES 360	Introduction to Paleontology	
EAES 415	Environmental Geochemistry	
EAES 416	Organic Geochemistry	
EAES 418	Introduction to Biogeochemistry	
EAES 460	Earth System History	
EAES 473	Soils and the Environment	
EAES 480	Modern Statistics in Earth and Environmental Sciences	
EAES 487	Introduction to Geobiology and Astrobiology	
EAES 490	Climate Change and Extreme Weather	
Total Hours		**15**

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I	2
EAES 101	Global Environmental Change	4
Foreign Language		4
	Hours	**16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 180	Calculus I	4
EAES 111	Earth, Energy, and the Environment	4
Foreign Language		4
	Hours	**15**
Second Year		
Fall Semester		
EAES 330	Earth Materials	4
MATH 181	Calculus II	4
BIOS 110	Biology of Cells and Organisms	4
Foreign Language		4
	Hours	**16**
Spring Semester		
PHYS 131 or PHYS 141	Introductory Physics for Life Sciences I or General Physics I (Mechanics)	4
EAES 290	Communication in Earth and Environmental Sciences	2
EAES 300 or EAES 302	Fieldwork in Missouri [a] or Methods in Environmental Sciences	2
EAES 385	Earth Systems	4
Foreign Language		4
	Hours	**16**
Third Year		
Fall Semester		
EAES 380	Earth and Environmental Data Science	3
Select one of the following chemistry, mathematics, or physics courses:		3-5
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
MATH 210	Calculus III	
PHYS 132	Introductory Physics for Life Sciences II	
PHYS 142	General Physics II (Electricity and Magnetism)	
EAES selective course from Group A or B		3
General Education Requirement courses		6
	Hours	**15-17**
Spring Semester		
EAES selective course from Group A or B		3-4
Electives		6
General Education Requirement courses		6
	Hours	**15-16**
Fourth Year		
Fall Semester		
EAES selective courses from Group A or B		6-8
Elective		3
General Education Requirement course		3
	Hours	**12-14**
Spring Semester		
EAES selective course from Group A or B		3-4
Electives		9
	Hours	**12-13**
	Total Hours	**120**

a *EAES 300 and EAES 302 are offered in alternate years.*

Minor in Earth and Environmental Sciences

Minor Requirements

Students from other disciplines who want to minor in Earth and Environmental Sciences must take 18 semester hours in EAES coursework, chosen with the approval of the department. Students are required to take EAES 300 or EAES 302. Students must take at least 9 hours at the 200 level or above.

Department of Economics

Contact Information:
Campus Location: 725 University Hall (UH)
(312) 996–2683
econ.uic.edu

Administration:
Head of Department, Steve Rivkin, sgrivkin@uic.edu
Director of Undergraduate Studies, Foteini Tzachrista, foteini@uic.edu

The Department of Economics offers a Bachelor of Arts degree with a major in Economics. The program provides instruction on economic

institutions and a rigorous foundation in the analytical and statistical tools used in applied areas of economics. Students learn how the price system operates; how consumers, firms, and government institutions allocate scarce resources; and the determinants of national output, inflation, unemployment, economic growth, and international trade. Laws, regulations, and institutions that influence economic activity are also studied. After learning the basic tools of microeconomics and macroeconomics in the introductory courses, students go on to study various applied areas of economics in the more advanced courses.

The program provides a strong grounding for many careers in banking, data science, insurance, service and manufacturing firms, government agencies, and not-for-profit organizations. It also gives an excellent background to students who intend to continue their education. In particular, the major prepares students for graduate studies in Economics and related disciplines including Business, Public Administration, and Public Policy. It also provides a strong foundation for the study of law or an MBA program.

Students are encouraged to contact the Director of Undergraduate Studies of the Economics Department for further information on the field of economics and career options for economics majors.

Distinction

Departmental Distinction may be awarded if the student meets the following criteria:

- **Distinction:** 3.25/4.00 overall GPA and 3.25/4.00 economics GPA
- **High Distinction:** 3.50/4.00 overall GPA and 3.50/4.00 economics GPA
- **Highest Distinction:** 3.75/4.00 overall GPA and 3.75/4.00 economics GPA, and completion of an honors thesis via registration for one or two sections of ECON 399 under the supervision of a faculty advisor (a minimum of 3 hours and a maximum of 6 hours).

Degree Program

- BA with a Major in Economics (p. 347)
- BS in Computer Science and Economics

Minor

- Minor in Economics (p. 349)

BA with a Major in Economics

Program Codes:
20FT0074BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Economics degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Course		5
Major Requirements		35-37
General Education and Electives to reach minimum Total Hours		78-80
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Required Prerequisite and Collateral Course

Code	Title	Hours
Required Course		
MATH 121	Precalculus Mathematics [a]	5
Total Hours		**5**

a *MATH 121 fulfills the LAS Quantitative Reasoning Requirement and students should take this course as early as possible. This requirement is waived for students who have completed a course in Calculus or who place into Calculus upon admission to UIC. Students who plan to pursue graduate studies in economics are strongly encouraged to take additional mathematics courses, including three semesters of Calculus (MATH 180, MATH 181, and MATH 210) and Linear Algebra (either MATH 218 or the more advanced sequence of MATH 215 and MATH 320). Students who wish to take additional math courses can consider STAT 401, STAT 411, MATH 220, and MATH 313.*

Major Requirements

Code	Title	Hours
Required Courses		
ECON 120	Principles of Microeconomics [a,b]	3-4
ECON 121	Principles of Macroeconomics [a,b]	3-4
ECON 220	Microeconomics: Theory and Applications	3
ECON 221	Macroeconomics in the World Economy: Theory and Applications	3
ECON 270	Statistics for Economics	4
ECON 300	Econometrics	3
or ECON 400	Honors Econometrics	
ECON 395	Research and Writing in Economics [c]	1
Five additional economics courses at the 200, 300, or 400 level; at least three must be numbered 320 or higher.		15
Total Hours		**35-37**

a *This course is approved for the Understanding the Individual and Society General Education category.*
b *This course is approved for the Understanding U.S. Society General Education category.*
c *ECON 395 fulfills the Writing-in-the-Discipline requirement. Concurrent registration in a designated 300-level economics course is required.*

Course Suggestions for Economics Careers

The following groups of courses are offered as guidance to students who may have an interest in one of the career/educational paths shown below.

Business/Financial Economics

Code	Title	Hours
Courses		
ECON 311	Introduction to Urban Real Estate	3
ECON 329	Industrial Organization	3
ECON 330	Government and Business	3
ECON 333	International Economics	3
ECON 339	Monetary Theory	3
ECON 344	Behavioral Economics	3
ECON 475	Urban Economics and Public Policy	3

Human Resources

Code	Title	Hours
Courses		
ECON 214	Economics of Education	3
ECON 215	Health Economics	3
ECON 331	Labor Economics	3
ECON 334	Economic Development	3
ECON 453	Economics of Family	3
ECON 475	Urban Economics and Public Policy	3

Urban Economics/Real Estate

Code	Title	Hours
Courses		
ECON 311	Introduction to Urban Real Estate	3
ECON 331	Labor Economics	3
ECON 332	Urban Economics	3
ECON 342	Regional Economics	3
ECON 370	Environmental Economics	3
ECON 475	Urban Economics and Public Policy	3

International Studies

Code	Title	Hours
Courses		
ECON 333	International Economics	3
ECON 334	Economic Development	3
ECON 339	Monetary Theory	3

Pre-Graduate School in Economics/Business/Public Policy/Public Administration

Code	Title	Hours
Courses		
ECON 213	Economic History of the United States	3
ECON 214	Economics of Education	3
ECON 328	Public Finance	3
ECON 329	Industrial Organization	3
ECON 331	Labor Economics	3
ECON 332	Urban Economics	3
ECON 333	International Economics	3
ECON 334	Economic Development	3
ECON 344	Behavioral Economics	3
ECON 453	Economics of Family	3
ECON 475	Urban Economics and Public Policy	3

NOTE: Students who plan to pursue graduate studies in economics should take additional mathematics courses. Please consult the director of undergraduate studies for guidance.

Careers in Law

Code	Title	Hours
Courses		
ECON 213	Economic History of the United States	3
ECON 215	Health Economics	3
ECON 328	Public Finance	3
ECON 329	Industrial Organization	3
ECON 330	Government and Business	3
ECON 331	Labor Economics	3
ECON 350	Economics of Sports and Entertainment	3
ECON 370	Environmental Economics	3
ECON 453	Economics of Family	3
ECON 475	Urban Economics and Public Policy	3

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ECON 120	Principles of Microeconomics [a]	4
MATH 121	Precalculus Mathematics [b]	5
Foreign Language		4
	Hours	**16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
ECON 121	Principles of Macroeconomics [a]	4
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**17**
Second Year		
Fall Semester		
ECON 220	Microeconomics: Theory and Applications	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Spring Semester		
ECON 270	Statistics for Economics	4
ECON 221	Macroeconomics in the World Economy: Theory and Applications	3
Foreign Language		4
General Education Requirement course		3-5
	Hours	**14-16**
Third Year		
Fall Semester		
ECON 300 or ECON 400	Econometrics or Honors Econometrics	3
ECON 2xx, ECON 3xx, or ECON 4xx [c]		3
General Education Requirement course		3-5

General Education Requirement course/Elective		3
Electives		3
	Hours	**15-17**
Spring Semester		
ECON 2xx, ECON 3xx, or ECON 4xx [c]		3
ECON 2xx, ECON 3xx, or ECON 4xx [c]		3
ECON 395	Research and Writing in Economics [d]	1
General Education Requirement course/Elective		3-5
Electives		3-6
	Hours	**13-18**
Fourth Year		
Fall Semester		
ECON 2xx, ECON 3xx, or ECON 4xx [c]		3
Electives		12
	Hours	**15**
Spring Semester		
ECON 2xx, ECON 3xx, or ECON 4xx [c]		3
Electives		11
	Hours	**14**
	Total Hours	**120**

a *These two courses may be used to satisfy two of the nine courses in the General Education Requirement.*
b *MATH 121 satisfies Quantitative Reasoning requirement with a grade of C or better. Based upon placement, math prerequisite may be required.*
c *200-, 300-, or 400-level course in economics. At least three economics elective courses must be numbered 320 or higher.*
d *ECON 395 requires concurrent registration with a designated 300-level economics course.*

Note: Students should meet periodically with their academic advisor. For questions regarding career paths for economics majors or applications to graduate school, students are encouraged to consult the director of undergraduate studies in the Department of Economics.

Minor in Economics

Minor Requirements

Students who wish to minor in Economics must complete 18–20 semester hours as outlined below:

Code	Title	Hours
Required Courses		
ECON 120	Principles of Microeconomics	3-4
ECON 121	Principles of Macroeconomics	3-4
ECON 220	Microeconomics: Theory and Applications [a]	3
or ECON 221	Macroeconomics in the World Economy: Theory and Applications	
Three economics courses at the 200, 300 or 400 level		9
Total Hours		**18-20**

a *Students may take both ECON 220 and ECON 221.*

Department of English

Contact Information:

Campus Location: 2027 University Hall (UH)
(312) 413–2200
engl.uic.edu

Administration:
Head, Peter Coviello, coviello@uic.edu
Director of Undergraduate Studies, Kate Boulay, kboulay@uic.edu

The Department of English offers a Major in English and Minor in English, Minor in Professional Writing, a Major in Teacher Education, a Minor in Teacher Education, and an interdisciplinary Minor in Logic, Argumentation, and Writing (LAWR).

The field of English focuses on the study and practice of various forms of writing in English. It includes:

1. the study of written works in English—whether by writers from the United States, Britain, former colonies, the Commonwealth nations, or elsewhere—whose aesthetic achievement and cultural significance qualifies them as literature;
2. the study of literary criticism and theory, of the relationship between literature and popular culture, of the relationship between language and identity, and of allied narrative forms such as film, performance, electronic communications, and other new media;
3. the study of the English language, its historical development, and its grammatical, rhetorical, political, and cultural dimensions;
4. the theory and practice of writing, whether of poetry, fiction, nonfiction prose, technical and professional, or other academic, critical, or expository forms;
5. the theory and practice of teaching English language and literature, particularly at the high school level.

Students who major in English don't only study literature. They understand how language works, and they develop broad reading and writing skills that make possible both an analytical engagement with, and a critical understanding of, diverse fields of cultural and aesthetic production. The English major offers excellent preparation for careers in writing, editing, publishing, teaching, politics and government, law, filmmaking, business management, nonprofit work and activism, and advertising.

Writing Internship Program

The English department offers writing internships in fields such as journalism, public relations, advertising, publishing, corporate communications, technical writing, information technology, law, nonprofits, and broadcasting. Students benefit by acquiring hands-on experience and professional writing samples for use in job applications.

To qualify, students must be enrolled full time at UIC, have taken ENGL 207 and ENGL 280, and be in good academic standing. Students who wish to receive credit for their writing internship must be admitted to and enroll in ENGL 493.

Distinction

- **Departmental Distinction.** To be eligible for Departmental Distinction, a candidate must have:
    1. attended UIC for three semesters,
    2. a cumulative GPA of 3.00/4.00,

3. completed a minimum of 21 hours at UIC in courses required for the major, and
4. a GPA of 3.50/4.00 in courses required for the major.

- **High Distinction.** To be eligible for High Distinction, a candidate must complete all requirements for Departmental Distinction with a GPA of 3.75/4.00 in courses required for the major.
- **Highest Distinction.** To be eligible for Highest Distinction, a candidate must meet all requirements for High Distinction and complete ENGL 497 with a grade of A.

Degree Programs

- BA with a Major in English (p. 350)
- BA in the Teaching of English (p. 355)

Minors

- Minor in English (p. 356)
- Minor in Logic, Argumentation, and Writing (p. 357)
- Minor in Professional Writing (p. 357)
- Minor in the Teaching of English (p. 357)

BA with a Major in English

Program Codes:
20FT0311BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Major in English requires a minimum of 27 semester hours, as outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies. Students are encouraged to seek advising each semester from the English major advisor in LAS.

Code	Title	Hours
Summary of Requirements		
Major Requirements (minimum 27 hours)		
• Core Requirements		9
• Selective Upper-Level Writing Requirement		3-6
• Selective Concentration Requirements [a]		9-33
One concentration: 9-15 hours		
Two concentrations: 15-24 hours		
Three concentrations: 21-33 hours		
• English Electives [b]		0-6
General Education and Electives to Reach Minimum Total Hours		72-93
Total Hours		**120**

a *Students have the option of completing one, two, or three concentrations; they must complete at least one.*

b *Students must complete a minimum of 27 hours, when combining the Core Requirements, Selective Upper-Level Writing Requirement, Selective Concentration Requirements, and English Electives. Students completing two or three concentrations will not need to take English Electives to reach this minimum total. Students completing one concentration typically will need to complete 3-6 hours in English Electives.*

General Education

See General Education (p. 86) and Writing-in-the-Discipline in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Core Requirements

All English majors must complete the following courses with a grade of C or better.

Code	Title	Hours
Required Courses		
ENGL 207	Interpretation and Critical Analysis [a]	3
ENGL 208	English Studies I: Beginnings to the 17th Century	3
ENGL 209	English Studies II: 17th Century to Today	3
Total Hours		**9**

a *ENGL 207 fulfills the Writing-in-the-Discipline requirement.*

Selective Upper-Level Writing Requirement

Code	Title	Hours
Required Courses		
Select one of the following: [a]		3-6
ENGL 451	English as Public Practice	
ENGL 482	Campus Writing Consultants	
ENGL 486	The Teaching of Writing in Middle and Secondary Schools [b]	
ENGL 492	Advanced Writing of Nonfiction Prose [c]	
ENGL 493	Internship in Nonfiction Writing [d]	
ENGL 496	Portfolio Practicum [d]	
ENGL 497	Senior Thesis [e]	
Total Hours		**3-6**

a *Students may petition the Office of Undergraduate Studies for LAS 495 to count toward this requirement. The excess hours of LAS 495 may be applied as elective credit in the major or petitioned as concentration credit.*

b *ENGL 486 is recommended for students who wish to pursue teaching as a career path. It also fulfills a methods requirement for the BA in the Teaching of English.*

c *ENGL 492 may satisfy either the Upper-Level Selective Writing requirement or the Nonfiction requirement of the Creative Writing concentration, but not both.*

d *ENGL 493 and ENGL 496 may be used to fulfill either the Professional Writing concentration or the Selective Upper-Level Writing requirement. ENGL 493 must be taken for at least 3 hours to satisfy this requirement. To enroll in ENGL 493, student must have a grade of C or better in ENGL 280 and consent of the instructor.*

e *ENGL 497 is recommended for students who plan to pursue graduate study.*

Selective Concentration Requirements

Code	Title	Hours
Concentration Requirements		
Complete at least one of the concentrations listed below. Students must complete at least one and can complete as many as three concentrations.		9-33
One Concentration: 9-15 hours		
Two Concentrations: 15-24 hours		
Three Concentrations: 21-33 hours		
No more than 3 hours in a given concentration may be taken at the 100 or 200 level, and at least 3 hours must be at the 400 level.		
Creative Writing and Professional Writing and Publishing concentrations have specific course requirements.		
Some overlap is allowed if a student is pursuing multiple concentrations: students with two concentrations can count one course toward both concentrations; students completing three concentrations can double count two courses, but each of these courses may count toward no more than two concentrations.		
Total Hours		**9-33**

Concentrations

1. Literatures in English
2. Creative Writing (Fiction, Poetry, or Nonfiction)
3. Film, Media, Performance, and Pop Culture
4. Professional Writing and Publishing
5. Race, Gender, Sexuality, and Multiethnic English Studies
6. Rhetoric, Public Engagement, and Language Studies

Courses approved for each concentration are listed below. Any course not listed under a concentration may only count as an elective. In certain cases, students may petition the Office of Undergraduate Studies to have courses and independent studies count toward a concentration. Students may petition the Office of Undergraduate Studies to have up to one course from another department count toward the major or a concentration. Students also may petition the Office of Undergraduate Studies to design their own concentration.

For more information, see the catalog Course Descriptions (p. 493) or the Department of English website. Students should consult the General Education (p. 86) section of the catalog to determine if any of the courses on these lists are approved for General Education.

Literatures in English

Code	Title	Hours
Select three of the following, according to the guidelines listed above:		9
ENGL 101	Understanding Literature and Culture	
ENGL 103	Poetry and the World	
ENGL 104	Understanding Drama	
ENGL 105	Understanding Fiction	
ENGL 118	Introduction to African American Literature, 1760-1910	
ENGL 119	Introduction to African American Literature Since 1910	
ENGL 123	Introduction to Asian American Literature	
ENGL 175	Understanding the Bible as Literature	
ENGL 213	Introduction to Shakespeare	
ENGL 223	Introduction to Colonial and Postcolonial Literature	
ENGL 236	Young Adult Fiction	
ENGL 237	Graphic Novels	
ENGL 238	Speculative Fiction, Sci-Fi and Fantasy	
ENGL 245	Introduction to Gender, Sexuality and Literature	
ENGL 247	Women and Literature	
ENGL 251	Literature and Environment	
ENGL 260	Comparative Black Literatures	
ENGL 261	Reading Black Women Writing	
ENGL 262	Black Cultural Studies	
ENGL 264	Introduction to Native American Literatures	
ENGL 265	The Harlem Renaissance	
ENGL 266	Topics in African Literature	
ENGL 267	Introduction to U.S. Latinx Literature	
ENGL 269	Introduction to Multiethnic Literatures in the United States	
ENGL 295	Latino Literary Studies	
ENGL 303	Studies in Poetry	
ENGL 304	Studies in Drama	
ENGL 305	Studies in Fiction	
ENGL 311	Medieval English Literature	
ENGL 312	Sixteenth and Seventeenth Century Literature	
ENGL 313	Major Plays of Shakespeare	
ENGL 314	Milton	
ENGL 315	Eighteenth Century Literature	
ENGL 316	British Romantic Literature	
ENGL 317	Victorian Literature	
ENGL 319	20th and 21st Century British Literature	
ENGL 322	Colonial and Postcolonial Literature	
ENGL 324	American Literature to the 20th Century	
ENGL 325	20th and 21st Century American Literature	
ENGL 328	Asian American Literature	
ENGL 329	Literatures in English Other than English and American	
ENGL 335	Studies in Literature and Popular Culture	
ENGL 340	Literary Theory	
ENGL 346	History of Literary Criticism	
ENGL 347	Gender and Sexuality in Literature	
ENGL 351	Topics in Black Art and Literature	
ENGL 367	Latinx Literature	
ENGL 369	Multiethnic American Literature	
ENGL 376	Literature and Religion	
ENGL 378	Special Topics in English Studies	
ENGL 406	Topics in Poetry and Poetic Theory	

ENGL 407	Topics in Fiction and Theories of Fiction
ENGL 409	Topics in Literature and Culture
ENGL 410	Topics in Old English Literature
ENGL 411	Topics in Medieval Literature
ENGL 412	Topics in Renaissance Literature and Culture
ENGL 413	Topics in Shakespeare
ENGL 414	Topics in Restoration and Eighteenth-century Literature and Culture
ENGL 415	Topics in Romantic Literature and Culture
ENGL 418	Topics in Victorian Literature
ENGL 422	Topics in Postcolonial and World Literature in English
ENGL 423	Topics in American Literary Nonfiction Prose
ENGL 424	Topics in American Literature and Culture to the 20th Century
ENGL 425	Topics in 20th and 21st Century American Literature and Culture
ENGL 435	Topics in Popular Culture and Literature
ENGL 441	Topics in Asian American Literature and Culture
ENGL 443	Topics in Gender, Sexuality and Literature
ENGL 446	Topics in Criticism and Theory
ENGL 458	History of the English Language
ENGL 466	Topics in Multiethnic Literatures in the United States
ENGL 467	Topics in Latinx Literature
ENGL 469	Women's Literary Traditions
ENGL 473	Topics in Black Literature
ENGL 475	The Bible as Literature: Hebrew Bible
ENGL 476	The Bible as Literature: New Testament
Total Hours	**9**

Creative Writing (Fiction, Poetry, or Nonfiction)

Code	Title	Hours
Select one category within the concentration and take both courses. Students are also required to repeat the 400-level course, for a total of 9 hours in the concentration.		9
Poetry		
ENGL 290	Introduction to the Writing of Poetry	
ENGL 490	Advanced Writing of Poetry	
Fiction		
ENGL 291	Introduction to the Writing of Fiction	
ENGL 491	Advanced Writing of Fiction	
Nonfiction		
ENGL 292	Introduction to the Writing of Nonfiction Prose	
ENGL 492	Advanced Writing of Nonfiction Prose [a]	
Total Hours		**9**

a *ENGL 492 also fulfills the upper-level selective writing requirement, but the same iteration of the course cannot satisfy both requirements if the student is completing one concentration only.*

Film, Media, Performance, and Pop Culture

Code	Title	Hours
Select three of the following, according to the guidelines listed above:		9
ENGL 104	Understanding Drama	
ENGL 131	Understanding Moving Image Arts	
ENGL 132	Understanding Film	
ENGL 135	Understanding Popular Genres and Culture	
ENGL 229	Introduction to Asian Film	
ENGL 230	Introduction to Film and Culture	
ENGL 232	History of Film I: 1890 to World War II	
ENGL 233	History of Film II: World War II to the Present	
ENGL 234	History of Television	
ENGL 236	Young Adult Fiction	
ENGL 237	Graphic Novels	
ENGL 238	Speculative Fiction, Sci-Fi and Fantasy	
ENGL 245	Introduction to Gender, Sexuality and Literature	
ENGL 262	Black Cultural Studies	
ENGL 280	Media and Professional Writing	
ENGL 304	Studies in Drama	
ENGL 330	Cultural and Media Studies	
ENGL 331	Studies in the Moving Image	
ENGL 335	Studies in Literature and Popular Culture	
ENGL 340	Literary Theory	
ENGL 344	Gender Theory	
ENGL 345	Queer Theory	
ENGL 346	History of Literary Criticism	
ENGL 347	Gender and Sexuality in Literature	
ENGL 350	Disability Studies	
ENGL 476	The Bible as Literature: New Testament	
ENGL 383	Writing Digital and New Media	
ENGL 404	Topics in Performance Studies	
ENGL 409	Topics in Literature and Culture	
ENGL 430	Topics in Cultural and Media Studies	
ENGL 435	Topics in Popular Culture and Literature	
ENGL 443	Topics in Gender, Sexuality and Literature	
ENGL 444	Topics in Theories of Gender and Sexuality	
ENGL 446	Topics in Criticism and Theory	
ENGL 449	Women and Film	
ENGL 450	Topics in Disability Studies	
ENGL 495	Playwriting	
Total Hours		**9**

Professional Writing and Publishing

Code	Title	Hours
Required Course		
ENGL 280	Media and Professional Writing	3
Select two of the following:		6
ENGL 380	Advanced Professional Writing	
ENGL 382	Editing and Publishing	
ENGL 383	Writing Digital and New Media	
ENGL 384	Technical Writing	
ENGL 388	Writing for the Health Professions	
ENGL 389	Writing for Community Advocacy and Activism	
Select one of the following:		3-6
ENGL 493	Internship in Nonfiction Writing	
ENGL 496	Portfolio Practicum	
Total Hours		**12-15**

Race, Gender, Sexuality, and Multiethnic English Studies

Code	Title	Hours
Select three of the following, according to the guidelines listed above.		9
ENGL 118	Introduction to African American Literature, 1760-1910	
ENGL 119	Introduction to African American Literature Since 1910	
ENGL 229	Introduction to Asian Film	
ENGL 245	Introduction to Gender, Sexuality and Literature	
ENGL 247	Women and Literature	
ENGL 258	The Grammar and Style of Non-Standard Englishes in the U.S.	
ENGL 260	Comparative Black Literatures	
ENGL 261	Reading Black Women Writing	
ENGL 262	Black Cultural Studies	
ENGL 264	Introduction to Native American Literatures	
ENGL 265	The Harlem Renaissance	
ENGL 266	Topics in African Literature	
ENGL 269	Introduction to Multiethnic Literatures in the United States	
ENGL 295	Latino Literary Studies	
ENGL 328	Asian American Literature	
ENGL 344	Gender Theory	
ENGL 345	Queer Theory	
ENGL 347	Gender and Sexuality in Literature	
ENGL 350	Disability Studies	
ENGL 351	Topics in Black Art and Literature	
ENGL 367	Latinx Literature	
ENGL 369	Multiethnic American Literature	
ENGL 441	Topics in Asian American Literature and Culture	
ENGL 443	Topics in Gender, Sexuality and Literature	
ENGL 444	Topics in Theories of Gender and Sexuality	
ENGL 449	Women and Film	
ENGL 450	Topics in Disability Studies	
ENGL 466	Topics in Multiethnic Literatures in the United States	
ENGL 467	Topics in Latinx Literature	
ENGL 469	Women's Literary Traditions	
ENGL 473	Topics in Black Literature	
Total Hours		**9**

Rhetoric, Public Engagement, and Language Studies

Code	Title	Hours
Select three of the following, according to the guidelines listed above:		9
ENGL 153	Understanding Grammar and Style	
ENGL 154	Understanding Rhetoric	
ENGL 253	Environmental Rhetoric	
ENGL 258	The Grammar and Style of Non-Standard Englishes in the U.S.	
ENGL 280	Media and Professional Writing	
ENGL 282	Peer Tutoring in the Writing Center: Introduction to Theory and Practice	
ENGL 297	Studies in the Classical Tradition	
ENGL 330	Cultural and Media Studies	
ENGL 340	Literary Theory	
ENGL 344	Gender Theory	
ENGL 345	Queer Theory	
ENGL 346	History of Literary Criticism	
ENGL 350	Disability Studies	
ENGL 354	Rhetorical Studies	
ENGL 355	Rhetoric and Public Life	
ENGL 356	Argument and Persuasion	
ENGL 380	Advanced Professional Writing	
ENGL 383	Writing Digital and New Media	
ENGL 389	Writing for Community Advocacy and Activism	
ENGL 430	Topics in Cultural and Media Studies	
ENGL 444	Topics in Theories of Gender and Sexuality	
ENGL 446	Topics in Criticism and Theory	
ENGL 450	Topics in Disability Studies	
ENGL 451	English as Public Practice	
ENGL 452	The UIC Freshwater Lab Course	
ENGL 453	Freshwater Lab in Practice: Environmental Research, Projects, and Internships	
ENGL 454	Rhetoric	
ENGL 455	Topics in Rhetorical Studies	
ENGL 456	Topics in Language and Rhetoric	

ENGL 457	Topics in the English Language & Linguistics	
ENGL 458	History of the English Language	
ENGL 463	Discourse and Rhetoric	
ENGL 482	Campus Writing Consultants	
Total Hours		**9**

English Electives to Complete Minimum Major Hours

Code	Title	Hours
Electives		
Students must complete a minimum of 27 hours toward the major. If the student is pursuing only one concentration in the major, then additional coursework may be required to reach this minimum. No more than 3 hours of elective coursework can be at the 100 level. Students completing multiple concentrations should reach the 27-hour minimum, in which case no additional electives are needed.		0-6
Total Hours		**0-6**

Upper -Level Course Requirement

Students must take at least two courses at the 300 level or above.

U.S. Social and Cultural Diversity Distribution Requirement

Over the course of the program, all English majors must complete one course in U.S. Social and Cultural Diversity. Students should consult the General Education (p. 86) section of the catalog to determine if any of the courses on this list are approved for General Education.

U.S. Social and Cultural Diversity Course List

Code	Title	Hours
ENGL 118	Introduction to African American Literature, 1760-1910	3
ENGL 119	Introduction to African American Literature Since 1910	3
ENGL 123	Introduction to Asian American Literature	3
ENGL 135	Understanding Popular Genres and Culture	3
ENGL 223	Introduction to Colonial and Postcolonial Literature	3
ENGL 229	Introduction to Asian Film	3
ENGL 245	Introduction to Gender, Sexuality and Literature	3
ENGL 247	Women and Literature	3
ENGL 258	The Grammar and Style of Non-Standard Englishes in the U.S.	3
ENGL 260	Comparative Black Literatures	3
ENGL 261	Reading Black Women Writing	3
ENGL 262	Black Cultural Studies	3
ENGL 264	Introduction to Native American Literatures	3
ENGL 265	The Harlem Renaissance	3
ENGL 266	Topics in African Literature	3
ENGL 267	Introduction to U.S. Latinx Literature	3
ENGL 269	Introduction to Multiethnic Literatures in the United States	3
ENGL 295	Latino Literary Studies	3
ENGL 322	Colonial and Postcolonial Literature	3
ENGL 328	Asian American Literature	3
ENGL 329	Literatures in English Other than English and American	3
ENGL 330	Cultural and Media Studies	3
ENGL 335	Studies in Literature and Popular Culture	3
ENGL 344	Gender Theory	3
ENGL 345	Queer Theory	3
ENGL 347	Gender and Sexuality in Literature	3
ENGL 350	Disability Studies	3
ENGL 351	Topics in Black Art and Literature	3
ENGL 367	Latinx Literature	3
ENGL 369	Multiethnic American Literature	3
ENGL 409	Topics in Literature and Culture	3
ENGL 422	Topics in Postcolonial and World Literature in English	3
ENGL 430	Topics in Cultural and Media Studies	3
ENGL 435	Topics in Popular Culture and Literature	3
ENGL 441	Topics in Asian American Literature and Culture	3 or 4
ENGL 443	Topics in Gender, Sexuality and Literature	3
ENGL 444	Topics in Theories of Gender and Sexuality	3
ENGL 449	Women and Film	3 or 4
ENGL 450	Topics in Disability Studies	3 or 4
ENGL 466	Topics in Multiethnic Literatures in the United States	3
ENGL 467	Topics in Latinx Literature	3
ENGL 469	Women's Literary Traditions	3 or 4
ENGL 473	Topics in Black Literature	3

Recommended Plan of Study

Courses which satisfy concentrations, distributions, and/or English electives should be chosen in consultation with an English Department advisor.

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Quantitative Reasoning		3-5
Foreign Language		4
General Education Requirement course		3-5
	Hours	**13-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
ENGL 207	Interpretation and Critical Analysis	3
ENGL 1xx		3
Foreign Language		4

General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
ENGL 208	English Studies I: Beginnings to the 17th Century	3
ENGL 2xx, 3xx		3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**16-18**
Spring Semester		
ENGL 209	English Studies II: 17th Century to Today	3
ENGL 1xx, 2xx, 3xx		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Third Year		
Fall Semester		
ENGL 2xx, 3xx		3
ENGL 2xx, 3xx		3
General Education Requirement course		3
General Education Requirement course/Elective		3
Electives		3
	Hours	**15**
Spring Semester		
ENGL 2xx, 3xx, 4xx		3
ENGL 2xx, 3xx, 4xx		3
General Education Requirement course/Elective		3
Electives		6
	Hours	**15**
Fourth Year		
Fall Semester		
ENGL 3xx, 4xx		3
Electives		12
	Hours	**15**
Spring Semester		
ENGL 3xx, 4xx		3
Electives		11-12
	Hours	**14-15**
	Total Hours	**120**

Note: One course from another department other than English may count toward the major. Students may petition the Office of Undergraduate Studies to apply this credit.

BA in the Teaching of English

Program Codes:
20FT0288BA

Degree Requirements

To earn a Bachelor of Arts in the Teaching of English degree from UIC, students must complete university, college, and department degree requirements. The Department of English degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Core Requirements		9
English Electives		9
Required Methods Courses		12
Collateral Courses		12
Additional Requirements for Teacher Licensure		13
General Education and Electives to reach the minimum Total Hours		65
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Core Requirements

Code	Title	Hours
Required Courses		
Students must complete the following courses with a grade of C or better:		
ENGL 207	Interpretation and Critical Analysis [a]	3
ENGL 208	English Studies I: Beginnings to the 17th Century	3
ENGL 209	English Studies II: 17th Century to Today	3
Total Hours		**9**

a *ENGL 207 fulfills the Writing-in-the-Discipline requirement*.

English Electives

Code	Title	Hours
Electives		
Three courses at the 200 level or above. [a,b]		9
Total Hours		**9**

a *ENGL 153 may be applied to the elective requirement for the BA in the Teaching of English.*
b *Preferred electives for the Teaching of English are ENGL 153, ENGL 236, ENGL 237, ENGL 238, ENGL 258, ENGL 282, ENGL 213, and ENGL 484*

Required Methods Courses

Recommended to be taken in consecutive semesters.

Code	Title	Hours
Required Courses		
ENGL 480	Introduction to the Teaching of English in Middle and Secondary Schools	3
ENGL 486	The Teaching of Writing in Middle and Secondary Schools [a]	3
ENGL 487	The Teaching of Reading and Literature in Middle and Secondary Schools	3

ENGL 488	Methods of Teaching English in Middle and Secondary Schools	3
Total Hours		**12**

a *ENGL 486 is also listed under the Selective Upper-Level Writing requirement within the Major in English.*

Collateral Courses

Code	Title	Hours
Required Courses		
ENGL 498	Educational Practice with Seminar I	6
ENGL 499	Educational Practice with Seminar II	6
Total Hours		**12**

Additional Requirements for Teacher Licensure

Code	Title	Hours
Required Courses		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
SPED 410	Exceptional Learners	3
Total Hours		**13**

To be recommended for student teaching, ENGL 498 and ENGL 499, a student must complete all program course requirements (general requirements for the major, the Core courses, Methods courses, and courses in Professional Education) with a minimum grade point average of 3.00/4.00 in English courses taken at UIC. Students intending to complete student teaching must obtain admission to candidacy in the academic year preceding the academic year in which student teaching is to be done. Details on the candidacy process are available from the Council on Teacher Education or by consulting with the English Education program director.

In addition to specified coursework in the major field, the teacher education student must fulfill certain other requirements as well as maintain a minimum major GPA of 3.00/4.00, a cumulative GPA of 2.50/4.00, and a minimum GPA of 3.00/4.00 in education courses. For detailed information, see the Program Guide for Teacher Education in English, available from the secondary education coordinator in the Department of English.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
Declare Secondary Education Curriculum		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
Take General Education/Curriculum courses		16-18
(Meet with Program Advisor) [a]		
	Hours	**16-18**
Second Year		
Fall Semester		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
Complete Application to Candidacy [b]		
Take General Education/Curriculum courses (e.g., ENGL 480)		10-12
	Hours	**16-18**
Third Year		
Fall Semester		
SPED 410	Exceptional Learners	3
Complete Application to Candidacy [b]		
Take General Education/Curriculum courses (e.g., ENGL 486)		13-15
	Hours	**16-18**
Spring Semester		
Complete Application to Student Teach [b]		
Take Content Area Test by Deadline [b,c]		
Take General Education/Curriculum courses (e.g., ENGL 487)		16-18
	Hours	**16-18**
Fourth Year		
Fall Semester		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
ENGL 488	Methods of Teaching English in Middle and Secondary Schools	3
Complete General Education courses		5
	Hours	**12**
Spring Semester		
File Intent to Graduate Form (No later than the 3rd week of the semester in which student plans to graduate)		
Complete Student Teaching		12
Complete Entitlement Application		
	Hours	**12**
	Total Hours	**120**

a *https://las.uic.edu/advising*
b *Consult program advisor or CTE website for deadline.*
c http://www.il.nesinc.com

Minor in English

Minor Requirements

Students majoring in other disciplines who want to minor in English must complete 18 semester hours as follows:

Code	Title	Hours
Required Courses		
Students must complete the following courses with a grade of C or better.		
ENGL 207	Interpretation and Critical Analysis	3
ENGL 208	English Studies I: Beginnings to the 17th Century	3
ENGL 209	English Studies II: 17th Century to Today	3
One course in U.S. Social and Cultural Diversity [a]		3

Two additional courses in English, one of which may be at the 100 level	6
Total Hours	**18**

a *A list of courses that fulfill this requirement is on the catalog page for the* BA in Liberal Arts and Sciences, Major in English *(p. 350).*

Minor in Logic, Argumentation, and Writing

The Minor in Logic, Argumentation, and Writing (LAWR) offers students the opportunity for critical training in logical reasoning, persuasive argumentation, and advanced written communication for professional and academic contexts. The skills gained from the LAWR minor are particularly valuable for the study and practice of law, but also for professional contexts and graduate training where critical thinking and written communication are essential.

Minor Requirements

Students who wish to pursue this minor must complete 18 semester hours, with at least 9 hours at the 200 level or above.

English and Philosophy majors are eligible to add this minor if no more than 6 hours overlap between their major and minor courses of study.

To earn the minor, students must complete the following requirements:

Code	Title	Hours
Required Courses [a]		
ENGL 154	Understanding Rhetoric	3
PHIL 102	Introductory Logic	3
Select one of the following:		3
PHIL 101	Critical and Analytical Reasoning	
PHIL 111	What Is a Fact?	
PHIL 201	Theory of Knowledge [b]	
PHIL 206	Introduction to the Philosophy of Language [b]	
PHIL 210	Symbolic Logic [b]	
PHIL 211	Inductive Logic and Decision Making	
PHIL/ENGL 357	Philosophy of Rhetoric [c]	
Select one of the following:		3
ENGL 153	Understanding Grammar and Style	
ENGL 280	Media and Professional Writing [b]	
ENGL 354	Rhetorical Studies	
ENGL 355	Rhetoric and Public Life	
ENGL 356	Argument and Persuasion	
PHIL/ENGL 357	Philosophy of Rhetoric [c]	
ENGL 380	Advanced Professional Writing	
ENGL 383	Writing Digital and New Media	
ENGL 384	Technical Writing	
ENGL 454	Rhetoric	
ENGL 455	Topics in Rhetorical Studies	
ENGL 456	Topics in Language and Rhetoric	
ENGL 463	Discourse and Rhetoric	
Any ENGL course at the 200 level or above		3
Any PHIL course at the 200 level or above		3
Total Hours		**18**

a *At least one selective course in ENGL or PHIL must be at the 200 level or above.*

b *Recommended courses. PHIL 210 meets prerequisite for PHIL 410.*

c *PHIL 357/ENGL 357 can be used to satisfy only one requirement for the minor.*

Minor in Professional Writing

Minor Requirements

Students who wish to pursue the Minor in Professional Writing must complete 15–18 semester hours. Courses used to complete the minor should comply with the following requirements:

Code	Title	Hours
Required Courses		
Select one of the following: [a]		3
ENGL 154	Understanding Rhetoric	
ENGL 153	Understanding Grammar and Style	
ENGL 280	Media and Professional Writing [a]	3
Select two of the following:		6
ENGL 380	Advanced Professional Writing	
ENGL 382	Editing and Publishing	
ENGL 383	Writing Digital and New Media	
ENGL 384	Technical Writing	
ENGL 388	Writing for the Health Professions	
ENGL 389	Writing for Community Advocacy and Activism	
Select one of the following:		3-6
ENGL 493	Internship in Nonfiction Writing [b]	
ENGL 496	Portfolio Practicum	
Total Hours		**15-18**

a *Must be completed with a grade of C or above.*

b *ENGL 493 must be taken for at least 3 hours to satisfy this requirement.*

Minor in the Teaching of English

Minor Requirements

Secondary education majors from other disciplines who want to minor in the Teaching of English must complete 18 hours in the English minor curriculum listed. Taking at least one English Education methods course, such as ENGL 480, is recommended.

This minor is open only to students obtaining full licensure in an approved UIC Teacher Education major. To teach English as a second subject in Illinois public schools, one must meet all additional course and other requirements established by the Illinois State Board of Education.

The teaching license is not automatically awarded upon successful completion of licensure and degree requirements. Before the license is issued, the candidate must file an application with the State of Illinois and take an examination administered by the State Board of Education. For

information on application procedures, contact the Council on Teacher Education.

Department of French and Francophone Studies

Contact Information:
Campus Location: 1722 University Hall (UH)
(312) 996-5218
french.uic.edu

Administration:
Administration: Head, Yann Robert, yrobert@uic.edu
Director of Undergraduate Studies, Elizabeth Dolly Weber, edweber@uic.edu

In addition to a sequence of basic French language courses, the Department of French and Francophone Studies offers a Major in French and Francophone Studies, a Major in the Teaching of French, and a Minor in French and Francophone Studies. All intermediate and advanced courses help students achieve two interlocking goals. First, all courses foster proficiency in speaking, reading, and writing French, as well as understanding how the language is woven into diverse cultural contexts in Francophone countries throughout the world. Second, all courses help students develop a historical sense of French-speaking cultures, as well as the critical and interpretive skills that come from analytical reading, active discussion, and persuasive writing.

A major or a minor in French and Francophone Studies gives students a strong, globally oriented foundation for careers in many fields, such as education, international commerce, law, government, and journalism.

Endorsement for the Teaching of French

Endorsement is available to students obtaining full licensure in an approved UIC Teacher Education major. To teach French as a second subject in Illinois public schools one must apply for and receive an Endorsement from the State Board of Education and meet all of the additional course and other requirements the Board has established. The teaching license is not automatically awarded upon successful completion of licensure and degree requirements. Before the license is issued, the candidate must file an application with the State of Illinois and take a subject content examination administered by the State Board of Education. For information on requirements and application procedures, contact the Council on Teacher Education.

Study Abroad Program

A significant portion of the credits for the major or minor in French may be earned through study abroad. Students who wish to be considered for study abroad should consult the director of undergraduate studies concerning prerequisites and requirements.

For general information about study abroad opportunities, please visit the UIC Study Abroad office.

Distinction

Students who earn a 3.75/4.00 GPA in all courses taken in the Department of French and Francophone Studies at UIC will be awarded departmental distinction.

Degree Programs

- BA with a Major in French and Francophone Studies (p. 358)
- BA in the Teaching of French (p. 359)

Minor

- Minor in French and Francophone Studies (p. 361)

BA with a Major in French and Francophone Studies

Program Codes:
20FT5293BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of French and Francophone Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		31
General Education and Electives to reach minimum Total Hours		89
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Courses		
Select three of the following:		9
FR 200	French Creative Writing and Translation	
FR 201	French Theater Workshop	
FR 210	French Conversation	
FR 211	French in the Professions	
FR 212	Stories, Sights, and Sounds from the French-Speaking World	
FR 213	France Past and Present	
FR 214	Conversational French through Popular Culture and Media	
FR 215	Paris in Film	
Select two of the following:		6
FR 300	Topics in Film and Media of the French-Speaking World	
FR 301	Topics in French and Francophone Literature [a]	
FR 302	Topics in French and Francophone Culture [a]	
FR 303	Writing in the Discipline [b]	1

Two 400-level FR electives	6
Three FR electives at the 200, 300, or 400 level [a,c,d,e]	9
Total Hours	**31**

a *Students may not take a 300-level FR course unless they EITHER have completed two 200-level courses OR have completed one 200-level course and register concurrently in a 200-level course taught in French.*

b *FR 303 fulfills the Writing-in-the-Discipline requirement. FR 303 must be taken concurrently with FR 300, FR 301, or FR 302.*

c *Students may take only one French course taught in English at the 200 level toward their major or minor.*

d *Students may not take a 400-level French course (even if it is taught in English, since all writing and supplemental reading will need to be in French) unless they either have taken a 300-level course or are registered concurrently in a 300-level course.*

e *No more than 3 semester hours of FR 398 may be applied toward the major or minor.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Quantitative Reasoning		3-5
Select two of the following:		6
FR 211	French in the Professions	
FR 212	Stories, Sights, and Sounds from the French-Speaking World	
FR 213	France Past and Present	
FR 214	Conversational French through Popular Culture and Media	
General Education Requirement course		3
	Hours	**15-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Select one of the following:		3
FR 211	French in the Professions	
FR 212	Stories, Sights, and Sounds from the French-Speaking World	
FR 213	France Past and Present	
FR 214	Conversational French through Popular Culture and Media	
Select one of the following:		3
FR 300	Topics in Film and Media of the French-Speaking World [a]	
FR 301	Topics in French and Francophone Literature [a]	
FR 302	Topics in French and Francophone Culture [a]	
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**15-17**
Second Year		
Fall Semester		
Select one of the following:		3
FR 300	Topics in Film and Media of the French-Speaking World [a]	
FR 301	Topics in French and Francophone Literature [a]	
FR 302	Topics in French and Francophone Culture [a]	
FR 303	Writing in the Discipline [b]	1
200-, 300-, or 400-level FR Elective [c,d]		3
General Education Requirement course		3-5
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16-18**
Spring Semester		
200-, 300-, or 400-level FR Elective [c,d]		3
General Education Requirement course		3-5
General Education Requirement course/Elective		3
General Education Requirement course/Elective		3
Elective		3
	Hours	**15-17**
Third Year		
Fall Semester		
200-, 300-, or 400-level FR Elective [c,d]		3
Electives		11-13
	Hours	**14-16**
Spring Semester		
FR 4xx [d]		3
Electives		12
	Hours	**15**
Fourth Year		
Fall Semester		
FR 4xx [d]		3
Electives		12
	Hours	**15**
Spring Semester		
Electives		15
	Hours	**15**
	Total Hours	**120**

a *Students may not take a 300-level FR class unless they EITHER have completed two 200-level courses OR have completed one 200-level course and register concurrently in a 200-level course taught in French.*

b *FR 303 fulfills the Writing-in-the-Discipline requirement. FR 303 must be taken in conjunction with FR 300, FR 301, or FR 302.*

c *Students may take only ONE French class taught in English at the 200 level toward their major or minor.*

d *Students may not take a 400-level French class (even if it is taught in English, since all writing and supplemental reading will need to be in French) unless they EITHER have taken a 300-level class OR register concurrently in a 300-level class.*

Note: Study abroad options are available that can significantly advance the time required to satisfy the French major; this can help students who begin French in the 100-level program at UIC complete the major in a timely manner.

BA in the Teaching of French

Program Codes:
20FT0295BA

Degree Requirements

To earn a Bachelor of Arts in the Teaching of French degree from UIC, students must complete university, college, and department degree requirements. The Department of French and Francophone Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		34
Additional Requirements for Teacher Licensure		25
General Education and Electives to reach minimum Total Hours		61
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
Select three of the following:		9
FR 200	French Creative Writing and Translation	
FR 201	French Theater Workshop	
FR 210	French Conversation	
FR 211	French in the Professions	
FR 212	Stories, Sights, and Sounds from the French-Speaking World	
FR 213	France Past and Present	
FR 214	Conversational French through Popular Culture and Media	
FR 215	Paris in Film	
Select two of the following:		6
FR 300	Topics in Film and Media of the French-Speaking World [a]	
FR 301	Topics in French and Francophone Literature [a]	
FR 302	Topics in French and Francophone Culture [a]	
FR 303	Writing in the Discipline [b,c]	1
FR 448	Foundations of Second Language Teaching	3
FR 449	Teaching Second Language Literacy and Cultural Awareness	3
Two additional 400-level FR electives [d]		6
Two FR electives at the 200, 300, or 400 level [a,c,d,e]		6
Total Hours		**34**

a *Students may not take a 300-level FR course unless they EITHER have completed two 200-level courses OR have completed one 200-level course and register concurrently in a 200-level course taught in French.*

b *FR 303 fulfills the Writing-in-the-Discipline requirement. FR 303 must be taken concurrently with FR 300, FR 301, or FR 302.*

c *Students may take only ONE French class taught in English at the 200 level toward their major or minor.*

d *Students may not take a 400-level French class (even if it is taught in English, since all writing and supplemental reading will need to be in French) unless they EITHER have taken a 300-level class OR register concurrently in a 300-level class.*

e *No more than 3 semester hours of FR 398 may be applied toward the major or minor.*

Additional Requirements for Teacher Licensure

Code	Title	Hours
Required Courses		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
SPED 410	Exceptional Learners	3
FR 470	Educational Practice with Seminar I	6
FR 471	Educational Practice with Seminar II	6
Total Hours		**25**

In addition to specified course work in the major field, the teacher education student must fulfill certain other requirements as well as maintain a minimum cumulative GPA of 2.50/4.00 in all LAS and General Education requirements and a GPA of 3.00/4.00 or greater in courses for the Teacher Education in French major including education courses. For detailed information, see the Program Guide for Teacher Education in French, available from the secondary education coordinator in the Department of French and Francophone Studies.

The teaching license is not automatically awarded upon successful completion of licensure and degree requirements. Before the license is issued, the candidate must file an application for the Illinois teaching license with the Council on Teacher Education. The candidate must also pass a series of examinations required by the Illinois State Board of Education. The Content Area Test must be passed before the candidate is allowed to student teach. For information on application procedures, contact the Council on Teacher Education or see the Council on Teacher Education (p. 491) section of the catalog.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
Declare Secondary Education Curriculum		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
Take General Education/Curriculum Courses		16-18
(Meet with Program Advisor) [b]		
	Hours	**16-18**
Second Year		
Fall Semester		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
Complete Application to Candidacy [c]		
Take General Education/Curriculum courses		10-12
	Hours	**16-18**

Third Year		
Fall Semester		
SPED 410	Exceptional Learners	3
CI 414	Middle and High School Literacy (after admission to candidacy) [d]	3
Complete Application to Candidacy [c]		
Take General Education/Curriculum courses		10-12
	Hours	**16-18**
Spring Semester		
Request Enrollment Approval for:		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom (March 15) [d]	
Complete Application to Student Teach [c]		
Take Content Area Test by deadline [a,c]		
Complete General Education/Curriculum courses		16-18
	Hours	**16-18**
Fourth Year		
Fall Semester		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
Complete General Education/Curriculum courses		8
	Hours	**12**
Spring Semester		
File Intent to Graduate Form (No later than the 3rd week of the semester in which you plan to graduate)		
Complete Student Teaching		12
Complete Entitlement Application		
	Hours	**12**
	Total Hours	**120**

a http://www.il.nesinc.com
b *https://las.uic.edu/advising/major-minor-advising*
c *Consult program advisor or CTE website for deadline*
d *Only for Teaching of History and Mathematics*

Secondary and Foreign Language Education Information

Declaration of Teaching Curriculum

When: As soon as a student decides to pursue licensure as a secondary or foreign language teacher, the student should declare the appropriate curriculum in the host department.

Prerequisites: There are no prerequisites to declare a "Teaching of…" curriculum in LAS (except "Teaching of Mathematics" which requires registration in MATH 180 or equivalent standing). However, there are specific GPA requirements to remain in good standing and remain eligible for candidacy in each of the programs. These GPA requirements can be found in the College of Liberal Arts section of the catalog.

Timeline: Most "Teaching of…" curriculum students enrolled full-time should be able to complete their undergraduate coursework and licensure requirements in four years, if they declare within their first four semesters. If a student does not make this decision until their junior year (5th semester or later), pursuit of the curriculum and teaching licensure will result in an extended undergraduate career. Model plans are available for transfer students and those beginning at UIC and declaring early; these are only to serve as an example for students considering the curriculum. Students should meet with the advisor in their department for personalized recommendations and timelines.

Education Courses: All Secondary Education curriculum students must take the following Education courses: ED 200, ED 210, SPED 410, and ED 425. Teaching of History and Teaching of Math must also take CI 414. Students should meet with their department advisors to determine appropriate course sequence. Non-Education students may only take limited 100-level Education courses.

Curriculum vs. Licensure: Simply completing the requirements for a "Teaching of…" curriculum, does not guarantee licensure. Students should be completing licensure requirements in conjunction with meeting curriculum and college graduation requirements. There are several steps in the licensure process, so it is imperative that a student meet with their program advisor to remain on track.

Council on Teacher Education (CTE)

http://cte.uic.edu
Contact: (312) 355-0714
uic_cte@uic.edu
412 S. Peoria St., MC 134

"The Council on Teacher Education oversees and supports all professional education programs. The Council is responsible for the coordination of professional education curricula and serves as a liaison between the University of Illinois Chicago and the Illinois State Board of Education. In addition, the Council serves as a liaison between the University and school service personnel. The Council on Teacher Education was established by the University of Illinois' Board of Trustees in 1943-44 to formulate policies and programs of student selection, retention, guidance, preparation, and placement in elementary and secondary schools. The Council was created in conformity with educational policies established by the campus Senate (Mission and History, CTE website)." Students will be in close contact with the Council on Teacher Education for all levels of the licensure process. Prospective students can also find additional information on their website (listed above) and in the Teacher Education Handbook for Secondary and Foreign Language.

Minor in French and Francophone Studies

Requirements for the Minor

Students from other disciplines who want to minor in French and Francophone Studies must complete 18 semester hours as outlined below:

Code	Title	Hours
Required Courses		
Select two of the following:		6
FR 200	French Creative Writing and Translation	
FR 201	French Theater Workshop	
FR 210	French Conversation	
FR 211	French in the Professions	
FR 212	Stories, Sights, and Sounds from the French-Speaking World	
FR 213	France Past and Present	
FR 214	Conversational French through Popular Culture and Media	
FR 215	Paris in Film	
Select two of the following:		6

FR 300	Topics in Film and Media of the French-Speaking World [a]	
FR 301	Topics in French and Francophone Literature [a]	
FR 302	Topics in French and Francophone Culture [a]	
Two FR electives at the 200 or 300 level [b]		6
Total Hours		**18**

a *Students may not take a 300-level FR course unless they EITHER have completed two 200-level courses OR have completed one 200-level course and register concurrently in a 200-level course taught in French.*

b *Students may take only ONE French class taught in English at the 200 level toward their major or minor. No more than 3 semester hours of FR 398 may be applied toward the major or minor.*

Gender and Women's Studies Program

Contact Information:
Campus Location: 12th Floor University Hall (UH)
(312) 996-2441
gwsinfo@uic.edu
gws.uic.edu

Administration:
Director, Nadine Naber
Associate Director, Chez Rumpf
Senior Business Manager, Jessica Hosley
Office Manager, Melissa Portis

The Gender and Women's Studies Program at University of Illinois Chicago is a dynamic interdisciplinary unit committed to exploring the relationships between gender, sexuality, feminism, and social justice. Grounded in the foundational belief that gender and sexuality are critical aspects of social life, the program also emphasizes an understanding of these categories as they overlap with race, class, age, nationality, citizenship, and disability.

The program focuses on how these intersecting categories shape and structure various facets of culture, politics, social movements, and knowledge production. Living in a world marked by rapid changes in gender norms and expressions, we recognize the profound impact of gender and sexuality on both individual experiences and the institutions that structure society. The program's mission is to empower students with the knowledge and critical perspectives necessary to navigate this evolving landscape, especially amidst ongoing efforts to regulate the expression of diverse identities. Through active engagement with local, national, and transnational communities, faculty mentor students in developing the skills needed to confront the challenges of contemporary society.

Grounded in the liberal arts and sciences, Gender and Women's Studies, as both a major field of study and a minor, pays special attention to developing the ability of students to think critically, evaluate evidence, construct logical arguments, engage in moral reasoning, and write well. Graduates of Gender and Women's Studies programs have found employment in such diverse fields as social services, criminal justice, publishing, teaching, educational administration, health services, and public policy advocacy. Both the major and the minor in Gender and Women's Studies provide a strong foundation from which to apply to graduate school, as well as to professional schools like law and journalism.

In addition to the BA with a Major in Gender and Women's Studies and a Minor in Gender and Women's Studies, the Gender and Women's Studies Program offers the Minor in Social Justice.

Social Justice is an interdisciplinary field of study that critically explores issues and social movements focused on equality, fairness, and inclusion. The Minor in Social Justice seeks to provide students with the breadth and depth of knowledge to achieve this critical understanding of justice, equality, and marginality, both in the United States and in the world at large. The minor starts from the assumption that justice matters and includes a critical examination of what constitutes social injustice and how people have organized to redress conditions of inequality in politics, economics, social policy, and health. The Minor in Social Justice also attends to issues of disparity between dominant groups and those disadvantaged because of race, ethnicity, gender, sexuality, class, disability, or other identities, conditions, and social positions.

Distinction

To be considered for Departmental Distinction, students must have a cumulative GPA of 3.25/4.00, a grade point average of 3.50/4.00 in all Gender and Women's Studies courses, and meet all course requirements for a major in Gender and Women's Studies.

To be eligible for High Distinction, students must have a cumulative GPA of 3.25/4.00, a grade point average of 3.75/4.00 in all Gender and Women's Studies courses, and meet all course requirements for a major in Gender and Women's Studies.

Degree Program

- BA with a Major in Gender and Women's Studies (p. 362)

Minors

- Minor in Gender and Women's Studies (p. 364)
- Minor in Social Justice (p. 365)

BA with a Major in Gender and Women's Studies

Program Codes:
20FT1279BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and program degree requirements. The Gender and Women's Studies Program degree requirements are outlined below. Students should consult the College of Liberal Arts and Science (p. 304)*s* section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33

General Education and Electives to reach minimum Total Hours	87
Total Hours	**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
GWS 101	Gender in Everyday Life [a,b]	3
GWS 102	Global Perspectives on Women and Gender [a,c]	3
GWS 292	History and Theories of Feminism [d]	3
GWS 390	Feminism and Social Change	3
Select one course from three of the following four categories: [e]		9
Culture and Representation		
GWS 120	Study of Gender, Class, and Political Issues in German Texts	
GWS 192	Latin American Women Writers in Translation	
GWS 204	Gender and Popular Culture	
GWS 211	Sex and Gender in the Ancient World	
GWS 244	Women in Russian Literature	
GWS 245	Introduction to Gender, Sexuality and Literature	
GWS 247	Women and Literature	
GWS 255	Introduction to Middle East and Muslim Feminisms	
GWS 261	Reading Black Women Writing	
GWS 272	Race, Gender, and Sexuality	
GWS 275	Gender in Latin America	
GWS 276	Latinas in the United States	
GWS 294	Topics in Gender and Women's Studies [f]	
GWS 304	Gender and Communcation	
GWS 311	Gender and Sexuality in Early Christianity and Judaism	
GWS 344	Gender Theory	
GWS 347	Gender and Sexuality in Literature	
GWS 406	Topics in Black Feminist and Queer Studies	
GWS 407	Advanced Seminar in Queer and Trans Studies	
GWS 439	Gender and Cultural Production	
GWS 449	Women and Film	
GWS 458	Asian America and Transnational Feminism	
GWS 462	AIDS, Politics and Culture	
GWS 469	Women's Literary Traditions	
Science, Health, and the Body		
GWS 205	Disability, Race, Class and Gender	
GWS 238	Biology of Women	
GWS 262	Constructions of Gender, Race, Health, and Human Rights	
GWS 294	Topics in Gender and Women's Studies [f]	
GWS 315	Psychology of Women and Gender	
GWS 462	AIDS, Politics and Culture	
Feminism, Social Policy, and the State		
GWS 202	Comparative Social Movements	
GWS 224	Gender and Society	
GWS 232	Sex Roles: Moral and Political Issues	
GWS 248	Afro Asian Solidarities	
GWS 259	Women and Gender in American History	
GWS 262	Constructions of Gender, Race, Health, and Human Rights	
GWS 275	Gender in Latin America	
GWS 276	Latinas in the United States	
GWS 294	Topics in Gender and Women's Studies [f]	
GWS 356	Constitutional Law: Women, Gender and Privacy	
GWS 406	Topics in Black Feminist and Queer Studies	
GWS 409	Women and Gender in the Middle East	
GWS 424	Gender, Crime, and Justice	
GWS 425	Sociology of Gender	
GWS 428	Asian/Asian American Women in the Global Economy	
GWS 455	Advanced Seminar in Feminism and Justice	
GWS 462	AIDS, Politics and Culture	
GWS 478	Women in Chinese History	
GWS 484	Topics in the History of Women	
GWS 485	Gender and Politics	
Sexuality and Society		
GWS 203	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
GWS 204	Gender and Popular Culture	
GWS 211	Sex and Gender in the Ancient World	
GWS 224	Gender and Society	
GWS 232	Sex Roles: Moral and Political Issues	
GWS 245	Introduction to Gender, Sexuality and Literature	
GWS 252	Sexuality in America: Historical Perspectives	
GWS 263	Asian American Gender and Sexual Diversity	
GWS 272	Race, Gender, and Sexuality	
GWS 290	Topics in the Study of Sexuality	
GWS 294	Topics in Gender and Women's Studies [f]	
GWS 304	Gender and Communcation	

GWS 311	Gender and Sexuality in Early Christianity and Judaism
GWS 345	Queer Theory
GWS 347	Gender and Sexuality in Literature
GWS 403	Queer Histories
GWS 407	Advanced Seminar in Queer and Trans Studies
GWS 462	AIDS, Politics and Culture
GWS 484	Topics in the History of Women
GWS 490	Advanced Topics in the Study of Sexuality
Four additional GWS courses	12
Total Hours	**33**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category.*

c *This course is approved for the Exploring World Cultures General Education category.*

d *GWS 292 fulfills the Writing-in-the-Discipline requirement.*

e *Students should consult the* General Education *(p. 86) section of the catalog to determine if any of the courses on these lists are approved General Education courses.*

f *GWS 294 can fulfill various categories depending on the topic offered. Students should work with their academic advisor to determine which category GWS 294 fulfills in a given semester.*

Of the 33 hours required for the major, no more than 9 hours can be at the 100 level and at least 6 hours must be at the 400 level. The same course cannot count toward more than one category requirement for the major. No more than 3 hours of GWS 396 may be applied to the major.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Quantitative Reasoning [a]		3-5
Foreign Language		4
General Education Requirement course		3-5
	Hours	**13-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
GWS 101 or GWS 102	Gender in Everyday Life [b] or Global Perspectives on Women and Gender	3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**16-18**
Second Year		
Fall Semester		
GWS 101 or GWS 102	Gender in Everyday Life [b] or Global Perspectives on Women and Gender	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Spring Semester		
GWS 292	History and Theories of Feminism	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course/Elective		3
Electives		3-5
	Hours	**16-18**
Third Year		
Fall Semester		
GWS Distribution course		3
GWS Elective		2-3
General Education Requirement course/Elective		3
Electives		6-9
	Hours	**14-18**
Spring Semester		
GWS Distribution course		3
GWS Elective		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
GWS Distribution course		3
GWS Elective		3
Electives		9
	Hours	**15**
Spring Semester		
GWS 390	Feminism and Social Change	3
GWS Elective		3
Electives		9
	Hours	**15**
	Total Hours	**120**

a *Students may need to complete prerequisite courses before fulfilling the Quantitative Reasoning Requirement.*

b *Two of these courses may be used to satisfy two of the nine courses in the General Education requirement.*

Minor in Gender and Women's Studies

Requirements for the Minor

Students from other disciplines who wish to minor in Gender and Women's Studies must complete 18 semester hours distributed as follows.

Code	Title	Hours
Required Courses		
GWS 101	Gender in Everyday Life [a,b]	3
GWS 102	Global Perspectives on Women and Gender [a,c]	3
GWS 292	History and Theories of Feminism [d]	3
GWS 390	Feminism and Social Change	3
Two additional courses in GWS at the 200 level or above [e]		6
Total Hours		**18**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category.*
c *This course is approved for the Exploring World Cultures General Education category.*
d *GWS 292 is a Writing-in-the-Discipline course.*
e *No more than 3 hours of GWS 396 may be applied to the minor.*

Minor in Social Justice

Requirements for the Minor

Students who want to minor in Social Justice must complete 16 semester hours distributed as follows.

Code	Title	Hours
Required Courses		
SJ 101	Introduction to Social Justice: Stories and Struggles [a]	3
SJ 201	Theories and Practices of Social Justice [b]	3
SJ 301	Social Justice Capstone	4
6 additional hours of coursework chosen in consultation with the advisor		6
Total Hours		**16**

a *This course is approved for the Understanding the Individual and Society General Education category.*
b *This course is approved for the Understanding U.S. Society General Education category.*

Code	Title	Hours
Recommended Courses for the Minor		
Courses without Prerequisites		
ANTH 473	Anthropology of Social Movements	
BLST 103	Black Politics and Culture in the United States	
CLJ 110	Rights, Justice and the Law	
CLJ 114	Race, Class, Gender and the Law	
COMM 103	Media Literacy	
DHD 101	Disability in U.S. Society	
EDPS/BLST 104	Race, Place, and Schooling: Black Americans and Education	
ED 222	Introduction to Gender, Sexuality, and Education	
GWS 203	Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies	
GWS/HIST 292	History and Theories of Feminism	
HIST 253	The Worker in American Life	
IPHS 409	Global Public Health Challenges	
INST/POLS 130	Introduction to Comparative Politics	
LALS/US 220	Latin American Cities in a Global Context: Environment, Employment, and Housing	
MUS 227	Music Cultures of the World	
NAST 113	Native American Studies: Sovereignty	
PPOL 230	Nonprofit Organizations and Civil Society	
PHIL 103	Introduction to Ethics	
PHIL 112	Morality and the Law	
POLS/BLST 358	Constitutional Law: African-American Legal History	
SJ 294	Topics in Social Justice	
US 205	Cinema and the City	
Courses Requiring Prerequisites or Consent of the Instructor		
BLST/CLJ/SOC 271	Race and the Politics of Incarceration	
CLJ/GWS 424	Gender, Crime, and Justice	
GLAS 250	Critical Issues in Community Engagement	
GLAS/GWS/SOC 428	Asian/Asian American Women in the Global Economy	
GLAS/GWS 458	Asian America and Transnational Feminism	
GWS 202	Comparative Social Movements	
GWS 262	Constructions of Gender, Race, Health, and Human Rights	
GWS 390	Feminism and Social Change	
HIST/GWS 403	Queer Histories	
LALS 380	Social Movements in Latin America	
PHIL 230	Topics in Ethics and Political Philosophy	
POLS 354	The Constitution and Civil Liberties	
POLS/BLST/GWS 356	Constitutional Law: Women, Gender and Privacy	
POLS 451	Law and Public Policy	

Department of Germanic Studies

Contact Information:
Campus Location: 1722 University Hall (UH)
(312) 996-5218
german.uic.edu

Administration:
Head, Susanne Rott, srott@uic.edu
Director of Undergraduate Studies, Heidi Schlipphacke, heidis@uic.edu

The Department of Germanic Studies offers language and culture courses at the beginning, intermediate, and advanced levels. Courses at all levels emphasize the development of language fluency and cultural competency, as well as critical-thinking and effective writing skills. Course offerings cover a wide array of topics including film, Business German, and contemporary media.

The department offers programs leading to the Bachelor of Arts with a Major in Germanic Studies and the BA in the Teaching of German. A minor is offered in the Germanic Studies as well.

Students who major or minor in Germanic Studies may use their training in a variety of occupations, including teaching, translation, international marketing, banking and commerce, diplomatic service, and journalism.

Distinction

Students who complete the major with a GPA of 3.60/4.00 in courses applied to the major are recommended for Departmental Distinction. Students who qualify for Distinction and complete GER 398 may quality for High or Highest Distinction.

Foreign Language Requirement

The courses required for completing the foreign language requirement are:

Code	Title	Hours
Courses		
GER 101	Elementary German I	16
& GER 102	and Elementary German II	
& GER 103	and Intermediate German I	
& GER 104	and Intermediate German II	

Overseas Program

A portion of the credits toward the majors offered by the Department of Germanic Studies may be earned through a Study Abroad Program. The department offers a program in Berlin, Germany, and one in Vienna, Austria. GER 103 level language proficiency or higher is required for the UIC program in Berlin. GER 104 level language proficiency or higher is required for the Austria Illinois program in Vienna. Students should apply through the Study Abroad office. More information about study abroad in Berlin and Vienna is on the Department of Germanic Studies website.

Degree Programs

- BA with a Major in Germanic Studies (p. 366)
- BA in the Teaching of German (p. 367)

Minor

- Minor in Germanic Studies (p. 368)

Campus Certificate

- Certificate in German Language (p. 368)

BA with a Major in Germanic Studies

Program Codes:
20FT1292BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Germanic Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major in Germanic Studies		31
General Education and Electives to reach minimum Total Hours		89
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major in Germanic Studies

Code	Title	Hours
Required Courses		
GER 211	Exploring German-Speaking Cultures	3
or GER 212	Rural, Urban, Global: Germanic Geographies	
GER 300	Writing in the Study of German [a]	1
GER 401	Research in German Studies	3
Nine additional hours of 300- and 400-level Germanic Studies courses [b]		9
15 hours of additional Germanic Studies courses. Program must be approved by major advisor. [b,c]		15
Total Hours		**31**

a *GER 300 fulfills the LAS Writing-in-the-Discipline requirement. Must be taken concurrently with a course that receives credit toward a major offered by the Department of Germanic Studies.*

b *No more than two courses taught in English may count toward the major.*

c *GER 104 is one of the designated Germanic Studies courses.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
GER 101	Elementary German I	4
Quantitative Reasoning		3-5
General Education Requirement course		3-5
	Hours	**13-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
GER 102	Elementary German II	4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Second Year		
Fall Semester		
GER 103	Intermediate German I	4
General Education Requirement course		3-5
General Education Requirement course		3
General Education Requirement course		3
Electives		3
	Hours	**16-18**
Spring Semester		
GER 104	Intermediate German II	4
General Education Requirement course/Elective		3
General Education Requirement course/Elective		3

Electives		6
	Hours	**16**
Third Year		
Fall Semester		
GER 211 or GER 212	Exploring German-Speaking Cultures or Rural, Urban, Global: Germanic Geographies	3
German Elective		3-4
Electives		9
	Hours	**15-16**
Spring Semester		
GER 3xx or GER 4xx		3
German Elective		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
GER 401	Research in German Studies	3
GER 3xx or GER 4xx		3
German Elective		3
GER 300	Writing in the Study of German [a]	1
Electives		4
	Hours	**14**
Spring Semester		
GER 3xx or GER 4xx		3
German Elective		3
Electives		9
	Hours	**15**
	Total Hours	**120**

a *GER 300 fulfills the LAS Writing-in-the-Discipline requirement. Must be taken concurrently with a course that receives credit toward a major offered by the Department of Germanic Studies.*

Note: Study Abroad is strongly recommended during a summer session and/or Junior year.

BA in the Teaching of German

Program Codes:
20FT0296BA

Degree Requirements

To earn a Bachelor of Arts in the Teaching of German degree from UIC, students must complete university, college, and department degree requirements. The Department of Germanic Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		34
Additional Requirements for Teacher Licensure		25
General Education and Electives to reach minimum Total Hours		61
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
GER 211	Exploring German-Speaking Cultures	3
or GER 212	Rural, Urban, Global: Germanic Geographies	
GER 300	Writing in the Study of German [a]	1
GER 401	Research in German Studies	3
Teaching Methodology		
GER/SPAN 448	Foundations of Second Language Teaching	3
GER/SPAN 449	Teaching Second Language Literacy and Cultural Awareness	3
9 hours of 300- and 400-level courses.		9
12 hours of additional Germanic Studies courses. Program must be approved by major advisor. [b]		12
Total Hours		**34**

a *GER 300 fulfills the LAS Writing-in-the-Discipline requirement. Must be taken concurrently with a course that receives credit toward a major offered by the Department of Germanic Studies.*

b *Students should consult the* General Education (p. 86*) section of the catalog to determine if any of these courses are approved General Education courses.*

Additional Requirements for Teacher Licensure

Code	Title	Hours
Courses		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
SPED 410	Exceptional Learners	3
GER 494	Educational Practice with Seminar I	6
GER 495	Educational Practice with Seminar II	6
Total Hours		**25**

In addition to specified course work in the major field, the teacher education student must fulfill certain other requirements and must maintain a minimum departmental GPA of 3.00/4.00, a cumulative GPA of 2.50/4.00, and a minimum GPA of 3.00/4.00 in education courses. For detailed information, see the Program Guide for Teacher Education in German, available from the secondary education coordinator in the Department of Germanic Studies.

Programs must be approved by the major advisor for Germanic Studies. Licensure requirements need to be approved by the Licensure Officer in the Council on Teacher Education.

The teaching license is not automatically awarded upon successful completion of licensure and degree requirements. Before the license is issued, the candidate must file an application for the Illinois teaching license with the Council on Teacher Education. The candidate must also pass a series of examinations required by the Illinois State Board of Education. The Content Area Test must be passed before the candidate is allowed to student teach. For information on application procedures, contact the Council on Teacher Education located at 412 S. Peoria St. See the Council on Teacher Education (p. 491) section of the catalog.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
Declare Secondary Education Curriculum		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
Take General Education/Curriculum Courses		16-18
(Meet with Program Advisor) [b]		
	Hours	**16-18**
Second Year		
Fall Semester		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
Complete Application to Candidacy [c]		
Take General Education/Curriculum courses		10-12
	Hours	**16-18**
Third Year		
Fall Semester		
SPED 410	Exceptional Learners	3
CI 414	Middle and High School Literacy (after admission to candidacy) [d]	3
Complete Application to Candidacy [c]		
Take General Education/Curriculum courses		10-12
	Hours	**16-18**
Spring Semester		
Request Enrollment Approval for:		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom (March 15) [d]	
Complete Application to Student Teach [c]		
Take Content Area Test by deadline [a,c]		
Complete General Education/Curriculum courses		16-18
	Hours	**16-18**
Fourth Year		
Fall Semester		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
Complete General Education/Curriculum courses		8
	Hours	**12**
Spring Semester		
File Intent to Graduate Form (No later than the 3rd week of the semester in which you plan to graduate)		
Complete Student Teaching		12
Complete Entitlement Application		
	Hours	**12**
	Total Hours	**120**

a http://www.il.nesinc.com
b *https://las.uic.edu/advising/major-minor-advising*
c *Consult program advisor or CTE website for deadline*
d *Only for Teaching of History and Mathematics*

Endorsement for the Teaching of German

Endorsement is available to students obtaining full licensure in an approved UIC Teacher Education major. To teach German as a second subject in Illinois public schools one must apply for, meet all requirements, and receive an Endorsement from the State Board of Education. For information on requirements and application procedures for a second subject endorsement in German, contact the Council on Teacher Education (p. 491).

Minor in Germanic Studies

Requirements for the Minor

Students from other disciplines who want to minor in Germanic Studies must complete 16 semester hours. With the exception of GER 104, all courses that count as credit toward the Minor in Germanic Studies must be at the 200 level or above, including at least one course at the 300 level or above.

Certificate in German Language

The Certificate in German Language provides students interested in developing higher#level proficiency in the language with the opportunity to certify their acquisition of those skills. Students with basic listening, oral, and writing skills, as taught in the beginning#level courses, can satisfy the requirements of the certificate by taking two classes at the intermediate level to further develop these fundamental language skills, followed by three classes at a more advanced level, which allow students to polish language skills and raise proficiency to a level suitable for purposeful and effective communication in everyday German#speaking environments as well as German professional settings.

Requirements for the Certificate

Students from other disciplines who want to pursue the Certificate in German Language must complete a minimum of 17 semester hours, as outlined below:

Code	Title	Hours
Required Courses		
GER 103	Intermediate German I	4
GER 104	Intermediate German II	4
Select two of the following:		6
GER 211	Exploring German-Speaking Cultures	
GER 212	Rural, Urban, Global: Germanic Geographies	
GER 214	Conversational German through Popular Culture and Media	
Select one of the following:		3
GER 215	Business Culture in German-Speaking Countries	
GER 299	Becoming Transcultural: Study Abroad	
GER 310	Contemporary German Language, Culture and Society	

GER 311	German Literature in a Global Context	
GER 401	Research in German Studies	
GER 415	Business Practices in German-Speaking Countries	
Total Hours		**17**

Students with AP/IB credit who placed out of GER 104 and/or GER 214 must take additional hours to complete the 17 required for the certificate. Students pursuing the major or minor in Germanic Studies may not also pursue the Certificate in German Language.

Global Asian Studies

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glas@uic.edu
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Administration:
Director, Mark Chiang, mchiang@uic.edu
Director of Undergraduate Studies, Karen Su, karensu@uic.edu

Global Asian Studies engages in an interdisciplinary study of Asia, as well as transoceanic and transnational Asian diasporas. While emphasizing the study of Asian and Asian American geographies, histories, languages, cultures, and politics, GLAS scrutinizes the frames of area studies and ethnic studies within which such analyses have traditionally been located. With its emphasis on diasporas, transnationalism, and comparative ethnic/racial studies, Global Asian Studies aims to better understand the globalized world, and redress some of the shortcomings of a limited focus on area (Asian studies) and ethnic studies (Asian American Studies) alone. Global Asian Studies also includes a study of new immigration patterns and historical shifts in U.S. and global racial formations, including an emphasis on Islamaphobia, new Orientalisms, and anti-Black, as well as anti-Arab/Muslim, racisms. Anchored by an intersectional, social justice, and community-engaged framework, the pedagogical and intellectual work of Global Asian Studies encourages an examination of racial formations. It also promotes an understanding of Asia and Asian diasporas as complex nexuses of knowledge and power, shaped and reshaped over time and space. An education in Global Asian Studies can effectively prepare students for disciplinary and interdisciplinary graduate research, as well as a variety of careers in the arts, business, education, social services, government, health sciences, international affairs, public policy, media relations, and politics.

Distinction

To be considered for Departmental Distinction, students must have a cumulative GPA of 3.25/4.00, a GPA of 3.50/4.00 in all Global Asian Studies courses, and meet all course requirements for a major in Global Asian Studies.

To be eligible for High or Highest Distinction, the student must have a grade point average of 3.75/4.00 in all Global Asian Studies courses. In addition, eligible students must submit a final project for departmental review that demonstrates excellent work and must make a seminar presentation on this project to a session of Global Asian Studies majors and faculty. The determination of high or highest distinction will be made by the faculty on the basis of the grade point average, the project, and the presentation.

Degree Program

- BA with a Major in Global Asian Studies (p. 369)

Minor

- Minor in Global Asian Studies (p. 371)

BA with a Major in Global Asian Studies

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and program degree requirements. The Global Asian Studies Program degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
General Education Requirements and Electives to reach total minimum hours		87
Major Requirements		33
Total Hours		**120**

General Education Requirements:

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
GLAS 100	Introduction to Global Asian Studies	3
GLAS 210	Asian American Histories [a]	3
GLAS 300	Global Asia in Chicago	3
Selectives		
Select 24 additional hours of GLAS coursework from the lists below.		24
No more than 12 hours can come from a single thematic list.		
At least 15 hours must be at or above the 200 level.		
At least one course must be at the 400 level (excluding GLAS 495).		
One upper-level/advanced Asian language course beyond the basic language sequence (i.e., beyond 104) can count toward the major (in the category Culture and Arts).		
No more than three GLAS 105 courses (each on different topics) can count toward the major.		
Total Hours		**33**

Code	Title	Hours
Empire, Migration, and Diaspora [b]		
GLAS 120	Introduction to Asian American Studies	3
GLAS 217	Introduction to Filipino American Studies	3
GLAS 223	Global Hip-hop and Asian Diasporas	3
GLAS 224	Archaeology of Mainland Southeast Asia	3
GLAS 228	Sociology of Asia and Asian Americans	3
GLAS 230	Cultural Politics of Asian American Food	3
GLAS 242	Introduction to Arab American Studies	3
GLAS 244	Arab and Asian Connections in the U.S. and Globally	3
GLAS 248	Afro Asian Solidarities	3
GLAS 255	Introduction to Middle East and Muslim Feminisms	3
GLAS 264	The Pacific Rim in Modern History	3
GLAS 270	Topics in Asian Cultures and Societies	3
GLAS 290	Special Topics in Asian American Studies	1-3
GLAS 390	Special Topics in Asian American Studies	3
GLAS 394	Special Topics in Asian Studies	3
GLAS 428	Asian/Asian American Women in the Global Economy	3
GLAS 437	The Indian Ocean World: Contact, Commerce, Culture	3
GLAS 458	Asian America and Transnational Feminism	3
GLAS 465	Asian Diasporas in Latin America	3
GLAS 479	Culture and Colonialism in South Asia	3
GLAS 490	Advanced Topics in Asian American Studies	3
GLAS 494	Advanced Topics in Asian Studies	3
Culture and the Arts [b]		
GLAS 105	Asian and/or Asian American Studies Seminar	1
GLAS 123	Introduction to Asian American Literature	3
GLAS 125	Introduction to the Art and Architecture of Asia	3
GLAS 209	Advanced Chinese Language and Culture	3
GLAS 219	Art and Architecture of East Asia	3
GLAS 220	Buddhist Art and Architecture	3
GLAS 223	Global Hip-hop and Asian Diasporas	3
GLAS 229	Introduction to Asian Film	3
GLAS 230	Cultural Politics of Asian American Food	3
GLAS 263	Asian American Gender and Sexual Diversity	3
GLAS 270	Topics in Asian Cultures and Societies	3
GLAS 278	Topics in the Art, Architecture and Visual Culture of Asia	3
GLAS 290	Special Topics in Asian American Studies	1-3
GLAS 328	Asian American Literature	3
GLAS 390	Special Topics in Asian American Studies	3
GLAS 394	Special Topics in Asian Studies	3
GLAS 441	Topics in Asian American Literature and Culture	3
GLAS 463	Politics of Gender and Sexuality in Asian America	3
GLAS 471	Topics in Asian Art and Architecture	3
GLAS 490	Advanced Topics in Asian American Studies	3
Society, Politics, and the State [b]		
GLAS 109	East Asian Civilization: Ancient China	3
GLAS 120	Introduction to Asian American Studies	3
GLAS 200	Gandhi: The History and Practice of Nonviolence	3
GLAS 201	Asian Markets, Corporations, and Social Justice	3
GLAS 207	Asian Cities: Urban Cultures of the Global South	3
GLAS 228	Sociology of Asia and Asian Americans	3
GLAS 231	Politics and Society of China	3
GLAS 232	Politics and Government of Korea	3
GLAS 250	Critical Issues in Community Engagement	3
GLAS 270	Topics in Asian Cultures and Societies	3
GLAS 271	Late Imperial China	3
GLAS 272	China Since 1911	3
GLAS 275	History of South Asia to 1857	3
GLAS 276	Modern South Asia	3
GLAS 279	South Asian Cultures and Societies	3
GLAS 290	Special Topics in Asian American Studies	1-3
GLAS 390	Special Topics in Asian American Studies	3
GLAS 394	Special Topics in Asian Studies	3
GLAS 428	Asian/Asian American Women in the Global Economy	3
GLAS 438	Women in South Asian History	3
GLAS 458	Asian America and Transnational Feminism	3
GLAS 465	Asian Diasporas in Latin America	3
GLAS 473	Topics in East Asian History	3
GLAS 479	Culture and Colonialism in South Asia	3
GLAS 490	Advanced Topics in Asian American Studies	3
GLAS 494	Advanced Topics in Asian Studies	3

a *GLAS 210 fulfills the Writing in the Discipline requirement.*

b *Students should consult* General Education *(p. 86) section of the catalog to determine which of these courses are approved General Education courses.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
GLAS 100	Introduction to Global Asian Studies	3
Quantitative Reasoning course		5
Foreign Language		4
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
GLAS Major Elective [a]		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Second Year		
Fall Semester		
GLAS 210	Asian American Histories [b]	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Spring Semester		
GLAS Major Elective [a]		3
GLAS Major Elective [a]		3
Foreign Language		4
General Education Requirement course		3-5
	Hours	**13-15**
Third Year		
Fall Semester		
GLAS Major Elective (200 level or above) [a]		3
GLAS Major Elective (200 level or above) [a]		3
General Education Requirement course		3
General Education Requirement course		3
Electives		3
	Hours	**15**
Spring Semester		
GLAS 300	Global Asia in Chicago	3
General Education Requirement course		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
GLAS Major Elective (200 level or above) [a]		3
GLAS Major Elective (400 level)		3
Electives		9
	Hours	**15**
Spring Semester		
GLAS Major Elective (200 level or above) [a]		3
Electives		12
	Hours	**15**
	Total Hours	**120**

a *Students are required to complete 24 hours of GLAS electives for the major, chosen from three thematic lists. No more than 12 hours may come from a single thematic list. At least three hours must be at the 400 level (excluding GLAS 495), and an additional 12 hours must be at the 200 level or above.*

b *GLAS 210 satisfies the Writing-in-the-Discipline requirement.*

Minor in Global Asian Studies

Requirements for the Minor

Students who want to minor in Global Asian Studies must complete 15 semester hours. This includes 9 hours of GLAS electives across three thematic categories. Three of those 9 hours must be at the 400 level; at least 3 of the remaining 6 hours must be at the 200 level or above. No more than 3 hours (beyond GLAS 100) can be at the 100 level. The courses used to complete the minor should comply with the following requirements.

Code	Title	Hours
Required Courses		
GLAS 100	Introduction to Global Asian Studies	3
GLAS 300	Global Asia in Chicago	3
Select three courses, with one from each of the three categories below. One (3 hours) must be at the 400 level, and at least one (3 hours) of the remaining courses must be at the 200 level or above. Specific courses from each category may be chosen in consultation with an advisor. [a]		9
Categories		
Culture and the Arts		
Empire, Migration, and Diaspora		
Society, Politics, and the State		
Total Hours		**15**

a *See the* BA with a Major in Global Asian Studies catalog page (p. 369) *for a full list of courses approved for each category. GLAS 100 and GLAS 300 may not count toward this requirement. Courses that appear in multiple categories may only count toward one. Special topics courses, such as GLAS 290, may be repeated if the topic is substantively different, but each iteration of the course can only count toward one category. For the minor, GLAS 210 may be used to fulfill either one of these categories: "Empire, Migration and Diaspora" or "Society, Politics, and the State."*

Department of Hispanic and Italian Studies

Contact Information:
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(312) 996-5218
hip.uic.edu

Administration:
Head, Kara Morgan-Short, karams@uic.edu (marshws@uic.edu)
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Director of Undergraduate Studies, Italian: Chiara Fabbian, cfabbian@uic.edu

The formal study of Spanish and Italian consists of courses in language at the basic, intermediate, and advanced levels, as well as courses in linguistics and the literature and culture of the countries where these languages are spoken.

The Department of Hispanic and Italian Studies offers programs leading to the Bachelor of Arts with majors in Spanish (with an optional concentration in Spanish for the Professions) and in the Teaching of Spanish. Minors are offered in Spanish, Spanish for the Professions, and Italian and Italian American Studies, in addition to a Certificate of Academic Spanish for Heritage Speakers.

The Spanish major and minor programs (both Spanish and Italian) expose students to innovative critical and theoretical approaches to literary, cultural, and linguistic studies. Thus, a student majoring or minoring in Spanish or Italian acquires skills in critical thinking, analytical ability, and language proficiency that provide a solid foundation for graduate and professional studies, as well as a variety of careers. Teacher education forms an integral part of the department's offerings in Spanish.

BA with a Major in Spanish

The BA with a Major in Spanish allows students to pursue the study of the Spanish language through a diverse set of subjects that include literature, cultural studies, linguistics, and professional and medical Spanish. Students can focus on one or more of these subjects, depending on their academic and future professional goals. While many students complete the major as their singular field of interest, many others complete the degree as a double-major together with one of the many other offerings present in LAS and UIC. Students in this major will be able to:

- Develop advanced oral and written proficiencies in the Spanish language.
- Bolster their overall critical thinking, analytical, oral communication, and writing skills.
- Acquire an advanced level of cultural competency and awareness of social justice as they pertain to the Hispanic world.
- Acquire an advanced level of knowledge in the field of Hispanic Linguistics.

Minor in Italian and Italian American Studies

The Department of Hispanic and Italian Studies offers a Minor in Italian and Italian American Studies. Through course work, study abroad and internship experience, mentoring, and other social and cultural encounters, the minor advances learners' proficiency in global communication skills, critical thinking and problem solving, and engagement with the ideological and concrete realities of their own world, enhancing their opportunities for careers and advanced study at the local, national, and international levels.

Portuguese

Portuguese serves the Spanish major through its courses for speakers of Romance languages.

Study Abroad Programs—Spanish

The Spanish program strongly encourages all majors to take advantage of the variety of study abroad opportunities in Spanish-speaking countries available to UIC students, including faculty-led summer programs in Alcalá de Henares, Spain and Oaxaca, Mexico. A significant portion of the credits for the major in Spanish may be earned through Study Abroad Programs. Majors will be awarded credit hours for courses completed abroad that are equivalent to courses offered at UIC by the Spanish Program. Approval for course equivalencies is required from the director of undergraduate studies for the Spanish program. For information on other study abroad opportunities please visit the UIC Study Abroad Office.

Study Abroad Programs—Italian

The Italian program encourages all students to take advantage of the variety of study abroad opportunities in Italy available to UIC students (e.g., faculty-directed programs, Fall or Spring term, or Summer term). Students who wish to be considered for study abroad should consult the director of undergraduate studies concerning prerequisites and requirements. For general information about study abroad opportunities, please visit the UIC Study Abroad office.

Endorsement for the Teaching of Spanish

Endorsement is available to students obtaining full licensure in an approved UIC Teacher Education major. To teach Spanish as a second subject in Illinois public schools one must apply for, meet all requirements, and receive an Endorsement from the State Board of Education. For information on requirements and application procedures for a second subject endorsement in Spanish, contact the Council on Teacher Education.

Endorsement for the Teaching of Italian

Endorsement is available to students obtaining full licensure in an approved UIC Teacher Education major. To teach Italian as a second subject in Illinois public schools one must apply for, meet all requirements, and receive an Endorsement from the State Board of Education. For information on requirements and application procedures for a second subject endorsement in Italian, contact the Council on Teacher Education.

Distinction

Students who earn a 3.75/4.00 GPA in all courses taken in the Department of Hispanic and Italian Studies at UIC will be awarded departmental distinction.

Degree Programs

- BA with a Major in Spanish (p. 372)
- BA with a Major in Spanish, Concentration in Spanish for the Professions (p. 373)
- BA in the Teaching of Spanish (p. 375)

Minors

- Minor in Spanish (p. 377)
- Minor in Spanish for the Professions (p. 377)
- Minor in Italian and Italian American Studies (p. 377)

Campus Certificate

- Certificate for Academic Spanish for Heritage Speakers (p. 377)

BA with a Major in Spanish

Program Codes:
20FT0307BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree

requirements. The Department of Hispanic and Italian Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		31
General Education and Electives to reach minimum Total Hours		89
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
SPAN 202	Spanish Grammar in Practice	3
SPAN 203	Extensive Reading and Writing for Non-Native Speakers of Spanish	3
or SPAN 204	Extensive Reading and Writing for Heritage Speakers of Spanish	
SPAN 206	Introduction to Hispanic Linguistics [a]	3
SPAN 210	Introduction to the Formal Analysis of Hispanic Texts [a]	3
SPAN 380	Professional Development	1
SPAN Electives [b, c]		18
Total Hours		**31**

a *SPAN 206 and SPAN 210 are designated as Writing-in-the-Discipline courses.*

b *At least 9 semester hours (3 courses) must be completed at the 300 level or above. No more than 6 semester hours (2 courses) may be SPAN courses taught in English. SPAN 380 does not count towards this credit total. Students interested in literary and cultural studies are encouraged to take SPAN 212 as part of their electives.*

c *Students may use LAS 289 toward this elective total when approved by the department.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
SPAN 101	Elementary Spanish I	4
Quantitative Reasoning Requirement course		3-5
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16-18**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
SPAN 102	Elementary Spanish II	4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
SPAN 103	Intermediate Spanish I	4
General Education Requirement course		3
General Education Requirement course		3-5
General Education Requirement course/Elective		3
Electives		3
	Hours	**16-18**
Spring Semester		
SPAN 104	Intermediate Spanish II	4
General Education Requirement course/Elective		3
Electives		9
	Hours	**16**
Third Year		
Fall Semester		
SPAN 202	Spanish Grammar in Practice	3
SPAN 203 or SPAN 204	Extensive Reading and Writing for Non-Native Speakers of Spanish or Extensive Reading and Writing for Heritage Speakers of Spanish	3
SPAN 206	Introduction to Hispanic Linguistics [a]	3
Electives		6
	Hours	**15**
Spring Semester		
SPAN 210	Introduction to the Formal Analysis of Hispanic Texts [a]	3
SPAN Electives [b]		6
Electives		4
	Hours	**13**
Fourth Year		
Fall Semester		
SPAN Electives [b]		9
Electives		6
	Hours	**15**
Spring Semester		
SPAN 380	Professional Development	1
SPAN Elective [b]		3
Electives		9
	Hours	**13**
	Total Hours	**120**

a *These courses satisfy the Writing-in-the-Discipline requirement.*

b *At least 9 semester hours (3 courses) must be completed at the 300 level or above. No more than 6 semester hours (2 courses) may be SPAN courses taught in English. SPAN 380 does does not count towards this credit total. Students interested in literary and cultural studies are encouraged to take SPAN 212 as part of their electives.*

BA with a Major in Spanish with a Concentration in Spanish for the Professions

Program Code:
03076175BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree

requirements. The Department of Hispanic and Italian Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		31
General Education and Electives to reach minimum Total Hours		89
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
SPAN 202	Spanish Grammar in Practice	3
SPAN 203	Extensive Reading and Writing for Non-Native Speakers of Spanish	3
or SPAN 204	Extensive Reading and Writing for Heritage Speakers of Spanish	
SPAN 206	Introduction to Hispanic Linguistics [a]	3
SPAN 210	Introduction to the Formal Analysis of Hispanic Texts [a]	3
SPAN 380	Professional Development	1
Concentration in Spanish for the Professions Requirements [b]		
Select one of the following tracks:		6
SPAN 220 & SPAN 320	Spanish for Business and Law I and Spanish for Business and Law II	
SPAN 221 & SPAN 321	Spanish for Health Personnel I and Spanish for Health Personnel II	
Select two of the following:		6
SPAN 228	Translation/Interpreting for the Professions I: Medical and Business Spanish-English	
SPAN 302	Exploring Spanish Grammar	
SPAN 303	Advanced Oral Presentation, Writing, and Analysis	
SPAN 328	Advanced Translation/Interpreting for the Professions: II Medical, Legal & Business Spanish-English	
SPAN Electives [b, c]		6
Total Hours		**31**

a *SPAN 206 and SPAN 210 are designated as Writing-in-the-Discipline courses.*

b *All students are required to complete 18 hours beyond the 13-credit core of requirements. At least 9 of the 18 hours (3 courses) must be completed at the 300 level or above. SPAN 380 does not count towards these credit totals. Of the 31 hours required for the major, no more than 6 hours (2 courses) may be SPAN courses taught in English.*

c *Students may use LAS 289 toward this elective total when approved by the department.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
SPAN 101	Elementary Spanish I	4
Quantitative Reasoning Requirement course		3-5
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16-18**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
SPAN 102	Elementary Spanish II	4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
SPAN 103	Intermediate Spanish I	4
General Education Requirement course		3
General Education Requirement course		3-5
General Education Requirement course/Elective		3
Electives		3
	Hours	**16-18**
Spring Semester		
SPAN 104	Intermediate Spanish II	4
General Education Requirement course/Elective		3
Electives		9
	Hours	**16**
Third Year		
Fall Semester		
SPAN 202	Spanish Grammar in Practice	3
SPAN 203 or SPAN 204	Extensive Reading and Writing for Non-Native Speakers of Spanish or Extensive Reading and Writing for Heritage Speakers of Spanish	3
SPAN 206	Introduction to Hispanic Linguistics [a]	3
SPAN 220 or SPAN 221	Spanish for Business and Law I or Spanish for Health Personnel I	3
Electives		3
	Hours	**15**
Spring Semester		
SPAN 210	Introduction to the Formal Analysis of Hispanic Texts [a]	3
SPAN 320 or SPAN 321	Spanish for Business and Law II or Spanish for Health Personnel II	3
SPAN Elective [b]		3
Electives		4
	Hours	**13**
Fourth Year		
Fall Semester		
SPAN Concentration course [b]		3
SPAN Elective [b]		3
Electives		9
	Hours	**15**
Spring Semester		
SPAN 380	Professional Development	1
SPAN Concentration course [b]		3

Electives	9
Hours	**13**
Total Hours	**120**

a *These courses satisfy the Writing-in-the-Discipline requirement.*

b *All students are required to complete 18 hours beyond the 13-hour core of requirements. At least nine of the 18 hours (3 courses) must be completed at the 300 level or above. SPAN 380 does not count towards these credit totals. Of the 31 hours required for the major, no more than six hours (2 courses) may be SPAN courses taught in English. Students interested in literary and cultural studies are encouraged to take SPAN 212 as part of their electives.*

BA in the Teaching of Spanish

Program Codes:
20FT0297BA

Degree Requirements

To earn a Bachelor of Arts in the Teaching of Spanish degree from UIC, students must complete university, college, and department degree requirements. The Department of Hispanic and Italian Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		31
Additional Requirements for Teacher Licensure		25
General Education and Electives to reach minimum Total Hours		64
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
SPAN 202	Spanish Grammar in Practice	3
SPAN 203	Extensive Reading and Writing for Non-Native Speakers of Spanish	3
or SPAN 204	Extensive Reading and Writing for Heritage Speakers of Spanish	
SPAN 206	Introduction to Hispanic Linguistics [a]	3
SPAN 210	Introduction to the Formal Analysis of Hispanic Texts [a]	3
SPAN 302	Exploring Spanish Grammar	3
SPAN 380	Professional Development	1
SPAN 448	Foundations of Second Language Teaching	3
SPAN 449	Teaching Second Language Literacy and Cultural Awareness	3
Three electives chosen from SPAN 212 or SPAN courses at the 300 level or above [b]		9
Total Hours		**31**

a *SPAN 206 and SPAN 210 fulfill the Writing-in-the-Discipline requirement.*

b *Students may use LAS 289 toward this elective total when approved by the department. SPAN courses taught in English may not count toward this requirement.*

Additional Requirements for Teacher Licensure

Code	Title	Hours
Required Courses		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
SPED 410	Exceptional Learners	3
SPAN 451	Educational Practice with Seminar I	6
SPAN 452	Educational Practice with Seminar II	6
Total Hours		**25**

In addition to specified course work in the major field, the teacher education student must fulfill certain other requirements as well as maintain a minimum cumulative GPA of 2.50/4.00 in all LAS and General Education requirements and a GPA of 3.00/4.00 or greater in courses for the Teacher Education in Spanish major including education courses. For detailed information, see the Program Guide for Teacher Education in Spanish, available from the secondary education coordinator in the Department of Hispanic and Italian Studies.

The teaching license is not automatically awarded upon successful completion of licensure and degree requirements. Before the license is issued, the candidate must file an application for the Illinois teaching license with the Council on Teacher Education. The candidate must also pass a series of examinations required by the Illinois State Board of Education. The Content Area Test must be passed before the candidate is allowed to student teach. For information on application procedures, contact the Council on Teacher Education located at 412 S. Peoria, Suite 634. See the Council on Teacher Education (p. 491) section of the catalog.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
Declare Secondary Education Curriculum		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
Take General Education/Curriculum Courses		16-18
(Meet with Program Advisor) [b]		
	Hours	**16-18**

Second Year		
Fall Semester		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
Complete Application to Candidacy [c]		
Take General Education/Curriculum courses		10-12
	Hours	**16-18**
Third Year		
Fall Semester		
SPED 410	Exceptional Learners	3
CI 414	Middle and High School Literacy (after admission to candidacy) [d]	3
Complete Application to Candidacy [c]		
Take General Education/Curriculum courses		10-12
	Hours	**16-18**
Spring Semester		
Request Enrollment Approval for:		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom (March 15) [d]	
Complete Application to Student Teach [c]		
Take Content Area Test by deadline [a,c]		
Complete General Education/Curriculum courses		16-18
	Hours	**16-18**
Fourth Year		
Fall Semester		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
Complete General Education/Curriculum courses		8
	Hours	**12**
Spring Semester		
File Intent to Graduate Form (No later than the 3rd week of the semester in which you plan to graduate)		
Complete Student Teaching		12
Complete Entitlement Application		
	Hours	**12**
	Total Hours	**120**

a http://www.il.nesinc.com
b *https://las.uic.edu/advising/major-minor-advising*
c *Consult program advisor or CTE website for deadline*
d *Only for Teaching of History and Mathematics*

Secondary and Foreign Language Education Information

Declaration of Teaching Curriculum

When: As soon as a student decides to pursue licensure as a secondary or foreign language teacher, the student should declare the appropriate curriculum in the host department.

Prerequisites: There are no prerequisites to declare a "Teaching of…" curriculum in LAS (except "Teaching of Mathematics" which requires registration in MATH 180 or equivalent standing). However, there are specific GPA requirements to remain in good standing and remain eligible for candidacy in each of the programs. These GPA requirements can be found in the College of Liberal Arts and Sciences section of the catalog.

Timeline: Most "Teaching of…" curriculum students enrolled full-time should be able to complete their undergraduate course work and licensure requirements in four years, if they declare within their first four semesters. If a student does not make this decision until their junior year (5th semester or later), pursuit of the curriculum and teaching licensure will result in an extended undergraduate career. Model plans are available for transfer students and those beginning at UIC and declaring early; these are only to serve as an example for students considering the curriculum. Students should meet with the advisor in their department for personalized recommendations and timelines.

Education Courses: All Secondary Education curriculum students must take the following Education courses:

Code	Title	Hours
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
SPED 410	Exceptional Learners	3
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4

Teaching of History and Math must also take CI 414. Students should meet with their department advisors to determine appropriate course sequence. Non-Education students may only take limited 100-level Education courses.

Curriculum vs. Licensure: Simply completing the requirements for a "Teaching of…" curriculum, does not guarantee licensure. Students should be completing licensure requirements in conjunction with meeting curriculum and college graduation requirements. There are several steps in the licensure process, so it is imperative that a student meet with their program advisor to remain on track.

Council on Teacher Education (CTE)
http://cte.uic.edu
Contact: (312) 355-0714
uic_cte@uic.edu
412 S. Peoria St., MC 134

"The Council on Teacher Education oversees and supports all professional education programs. The Council is responsible for the coordination of professional education curricula and serves as a liaison between the University of Illinois Chicago and the Illinois State Board of Education. In addition, the Council serves as a liaison between the university and school service personnel. The Council on Teacher Education was established by the University of Illinois' Board of Trustees in 1943-44 to formulate policies and programs of student selection, retention, guidance, preparation, and placement in elementary and secondary schools. The Council was created in conformity with educational policies established by the campus Senate (Mission and History, CTE website)." Students will be in close contact with the Council on Teacher Education for all levels of the licensure process. Prospective students can also find additional information on their website (listed above) and in the Teacher Education Handbook for Secondary and Foreign Language.

Minor in Spanish

Requirements for the Minor

Students from other disciplines who want to minor in Spanish must complete 18 semester hours as outlined below:

Code	Title	Hours
Required Courses		
SPAN 202	Spanish Grammar in Practice	3
SPAN 203	Extensive Reading and Writing for Non-Native Speakers of Spanish	3
or SPAN 204	Extensive Reading and Writing for Heritage Speakers of Spanish	
SPAN 206	Introduction to Hispanic Linguistics	3
SPAN 210	Introduction to the Formal Analysis of Hispanic Texts	3
Two additional courses at the 300 level or above [a]		6
Total Hours		**18**

a *Students may use LAS 289 toward this elective total when approved by the department.*

Minor in Spanish for the Professions

Requirements for the Minor

Students from other disciplines who want to pursue the Minor in Spanish for the Professions must complete a minimum of 15 semester hours as outlined below.

Code	Title	Hours
Required Courses		
SPAN 202	Spanish Grammar in Practice [a]	3
SPAN 203	Extensive Reading and Writing for Non-Native Speakers of Spanish [a]	3
or SPAN 204	Extensive Reading and Writing for Heritage Speakers of Spanish	
Select one of the following tracks:		6
SPAN 220 & SPAN 320	Spanish for Business and Law I and Spanish for Business and Law II	
SPAN 221 & SPAN 321	Spanish for Health Personnel I and Spanish for Health Personnel II	
Select one of the following: [b]		3
SPAN 206	Introduction to Hispanic Linguistics	
SPAN 210	Introduction to the Formal Analysis of Hispanic Texts	
SPAN 228	Translation/Interpreting for the Professions I: Medical and Business Spanish-English	
SPAN 302	Exploring Spanish Grammar	
SPAN 303	Advanced Oral Presentation, Writing, and Analysis	
SPAN 328	Advanced Translation/Interpreting for the Professions: II Medical, Legal & Business Spanish-English	
Total Hours		**15**

a *Students with AP/IB credit who placed out of SPAN 202 and/or SPAN 203/SPAN 204 must take additional semester hours to complete the 15 required for the minor. Recommended additional courses for students in the Minor in Spanish for the Professions are SPAN 230 and SPAN 231.*

b *Students may use LAS 289 toward this elective total when approved by the department.*

Minor in Italian and Italian American Studies

Requirements for the Minor

Students from other disciplines who want to minor in Italian and Italian American Studies must complete 19 semester hours as outlined below:

Code	Title	Hours
Required Courses		
ITAL 104	Intermediate Italian II	4
Select two of the following:		6
ITAL 200	Italian at Work: Language and Culture in Practice [a]	
ITAL 201	Exploring Italy [a]	
ITAL 210	Narrating Italy: Stories, Sounds, and Screens [a]	
Nine additional semester hours in Italian and Italian American Studies courses at the 200 level or above		9
Total Hours		**19**

a *Please consult an LAS advisor regarding eligibility for retroactive credit upon completing ITAL 200, ITAL 201, or ITAL 210.*

Certificate of Academic Spanish for Heritage Speakers

The Certificate of Academic Spanish for Heritage Speakers provides students who place into the Spanish heritage basic language program the opportunity to further develop their formal linguistic proficiency in Spanish. The main objectives of the certificate are to:

- Help students develop oral, reading, and writing skills in Spanish beyond those acquired informally in their homes and communities.
- Promote and support heritage speakers' linguistic pride, cultural identity, and sense of belonging as members of a larger Spanish-speaking community.
- Guide Spanish heritage students in the professional presentation of their language skills and cultural competencies, expanding future educational and career pathways.

Requirements for the Certificate

Students from other disciplines who want to pursue the Certificate of Academic Spanish for Heritage Speakers must complete a minimum of 16 semester hours, as outlined below.

Code	Title	Hours
Required Courses		
SPAN 114	Spanish for Heritage Speakers II	4
SPAN 202	Spanish Grammar in Practice	3
SPAN 204	Extensive Reading and Writing for Heritage Speakers of Spanish	3
Electives		
Two SPAN courses (6 hours) at the 200, 300, or 400 levels. Only one SPAN course taught in English may count toward this requirement.		6
The following is a list of recommended courses for the elective requirement. While all SPAN courses are appropriate for the elective credit hours, the following courses focus on skills and topics of especial relevance to Spanish Heritage students.		
SPAN 206	Introduction to Hispanic Linguistics	
SPAN 210	Introduction to the Formal Analysis of Hispanic Texts	
SPAN 224	Bilingual/Bicultural Hispanic American Writers	
SPAN 228	Translation/Interpreting for the Professions I: Medical and Business Spanish-English	
SPAN 303	Advanced Oral Presentation, Writing, and Analysis	
SPAN 304	Introduction to Spanish Creative Writing for Heritage Speakers	
SPAN 328	Advanced Translation/Interpreting for the Professions: II Medical, Legal & Business Spanish-English	
SPAN 363	Spanish in Society	
SPAN 427	Studies in Language Policy and Cultural Identity	
SPAN 440	Theory and Methods in Teaching Heritage Speakers	
Total Hours		**16**

- All courses, required and electives, must be completed with a grade of C or better.
- A Spanish Heritage student who places into and completes a 200-level course may earn retroactive credit for SPAN 114 as per LAS policy.
- With approval from the director of undergraduate studies, transfer credit for a course earned with a B or above from another institution may satisfy one of the core requirements.
- Students who receive AP or IB credit for SPAN 202 have to take an additional elective.
- At least half the credits for the certificate (eight) must be completed in enrollment residence at UIC.

Department of History

Contact Information:
Campus Location: 913 University Hall (UH)
(312) 996–3141
hist.uic.edu

Administration:
Chair, Kevin Schultz, schultzk@uic.edu
Director of Undergraduate Studies, Junaid Quadri, jquadri@uic.edu (juadri@uic.edu)
Director of Teaching of History Program, Robert Johnston, johnsto1@uic.edu
Undergraduate Advisor for Teaching of History Majors, Julie Peters, jlpeters@uic.edu

History is the study of the human past. It is both a subject matter and a way of thinking—a discipline. No people, time, or place is neglected in the investigation of the human community's historical record. And no method is alien to the historian's quest for understanding. The historian's interests embrace the permanent and changing concerns of our civilization: the individual and society; the emergence of nations; the rise and fall of empires; race and ethnicity; class, gender, and status; war and revolution; science and technology; slavery and emancipation; dictatorship and democracy; rural life and urbanization; the interaction of human communities and the environment; the struggle for empowerment waged by minorities, women, and workers; the life of the mind; religion; and culture. Because every succeeding generation has new questions to ask of the past, history is constantly being rewritten. The discipline of history rests on the discovery, evaluation, and ordering of evidence. It sharpens critical-thinking, reading, and writing skills and gives students practice in the use of these basic tools of modern life. The study of history is excellent preparation for careers in a wide variety of fields, including business, journalism, government, information science, museum administration, and the law.

Distinction

Departmental Distinction

In addition to completing the degree requirements for the Major in History, a candidate for Departmental Distinction must earn a 3.00/4.00 UIC (cumulative) GPA and a 3.50/4.00 GPA in all courses taken in the Department of History at UIC.

High Departmental Distinction

Students who complete all requirements for Departmental Distinction with a 3.75 GPA in all courses taken in the Department of History at UIC will be awarded High Departmental Distinction.

Highest Departmental Distinction

Students who complete all requirements for High Departmental Distinction and complete HIST 398 with a grade of A will be awarded Highest Departmental Distinction.

Degree Programs

- BA with a Major in History (p. 379)
- BA in the Teaching of History (p. 379)

Minor

- Minor in History (p. 381)

BA with a Major in History

Program Codes:
20FT0342BA

Degree Requirements

To earn a Bachelor of Arts degree in Liberal Arts and Sciences from UIC, students must complete university, college, and department degree requirements. The Department of History degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		30
General Education and Electives to reach minimum Total Hours		90
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
100-level history courses [a]		3-12
200-level history courses [a]		6-15
300-level history courses, including HIST 300 (3) [b]		3-12
400-level history courses, including HIST 440 [c]		9-18
Courses above must be distributed across the following fields:		
African, Asian, Middle Eastern, or Latin American: Minimum of 6 hours		
European: Minimum of 6 hours in Ancient, Medieval, or Modern European history		
United States: Minimum of 6 hours in U.S. history		
Total Hours		**30**

a *Students should consult the* General Education *(p. 86) section of the catalog for 100- and 200-level history courses approved as General Education courses.*
b *HIST 300 fulfills the Writing-in-the-Discipline requirement.*
c *No more than 3 hours of HIST 499 may count toward this requirement.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Quantitative Reasoning		3-5
Foreign Language		4
General Education Requirement course		3-5
	Hours	**13-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
HIST 1xx		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
HIST 2xx		3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
Elective		3
	Hours	**16-18**
Spring Semester		
HIST 2xx		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course/Elective		3
	Hours	**16**
Third Year		
Fall Semester		
HIST 300	History Methods Colloquium	3
HIST course at any level		3
General Education Requirement course/Elective		3
Electives		6
	Hours	**15**
Spring Semester		
HIST course at any level		3
HIST 4xx		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
HIST 440	History Research Seminar	3
HIST course at any level		3
Electives		9
	Hours	**15**
Spring Semester		
HIST 4xx		3
Electives		11
	Hours	**14**
	Total Hours	**120**

BA in the Teaching of History

Program Codes:
20FT1757BA

Degree Requirements

To earn a Bachelor of Arts degree in the Teaching of History from UIC, students must complete university, college, and department degree requirements. The Department of History degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		36
Prerequisite and Collateral Courses		12
Additional Requirements for Teacher Licensure		28
General Education and Electives to reach minimum Total Hours		44
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
Select one of the following courses:		3
HIST 106	The World Since 1400: Converging Worlds, New Circulations [a]	
HIST 114	Topics in World History [a]	
Select one of the following courses:		3
HIST 100	Western Civilization to 1648 [b]	
HIST 101	Western Civilization Since 1648 [b]	
Select one of the following courses:		3
HIST 103	Early America: From Colonization to Civil War and Reconstruction [c]	
HIST 104	Modern America: From Industrialization to Globalization [c]	
HIST 255	History of Chicago [c]	3
Two additional 200-level history courses		6
HIST 300	History Methods Colloquium [d]	3
HIST 320	Teaching History and the Related Disciplines	3
HIST 420	Teaching the Social Sciences	3
Three additional 400-level history courses, including HIST 440 [e]		9
The above coursework must be distributed across the following fields:		
African, Asian, Middle Eastern, or Latin American:		
Minimum of 6 hours		
European:		
Minimum of 6 hours in Ancient, Medieval, or Modern European history		
United States:		
Minimum of 12 hours in U.S. history		
Total Hours		**36**

a *HIST 106 and HIST 114 count toward the field of African, Asian, Middle Eastern, and Latin American history. HIST 106 is approved for the following General Education categories: Understanding the Past; Exploring World Cultures.*

b *HIST 100 and HIST 101 count toward the field of European history. HIST 100 and HIST 101 are approved for the following General Education categories: Understanding the Past and Exploring World Cultures.*

c *HIST 103, HIST 104, and HIST 255 count toward the field of U.S. history. HIST 103, HIST 104, and HIST 255 are approved for the following General Education categories: Understanding U.S. Society; Understanding the Past.*

d *HIST 300 fulfills the Writing-in-the-Discipline requirement.*

e *HIST 419 cannot be used to fulfill this requirement. No more than 3 hours of HIST 499 may count toward this requirement.*

Majors are required to seek guidance from the program advisor before registering for courses each semester; call (312) 413-9163 for an appointment.

Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
One course in political science, civics, or government		3
Two courses in a single social science area [a,b]		6
One additional course in any social science		3
Total Hours		**12**

a *One course should satisfy the General Education category Understanding the Individual and Society and one course should satisfy the Understanding U.S. Society category.*

b *Social science courses may be taken from the following academic units: Anthropology, Geography, Economics, Political Science, Psychology, and Sociology.*

Code	Title	Hours
Recommended Courses		
Students are encouraged to take additional social science coursework in addition to the required 12 hours which may include HIST 419 and coursework in anthropology, economics, geography, political science, psychology, and sociology.		

Additional Requirements for Teacher Licensure

Code	Title	Hours
Required Courses		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
SPED 410	Exceptional Learners	3
CI 414	Middle and High School Literacy	3
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
HIST 475	Educational Practice with Seminar I	6
HIST 476	Educational Practice with Seminar II	6
Total Hours		**28**

In addition to specified coursework in the major field, the teacher education student must fulfill certain other requirements as well as maintain a minimum GPA of 3.00/4.00 in the major, a 3.00/4.00 in required education courses, and a cumulative GPA of 2.50/4.00.

Students must receive a C or higher in their required history, social studies, and education courses for them to count toward the major and their license. For detailed information, see the Program Guide for Teacher Education in History, available from the secondary education coordinator in the Department of History.

Successful completion of licensure and degree requirements does not automatically confer licensure. To become licensed students must pass the following requirements:

1. the Content Area Test (before being allowed to student teach)

Only after these requirements have been met may students apply for licensure to the Council on Teacher Education. For more information on application procedures, contact the Council on Teacher Education located at 412 S. Peoria Street, Suite 634. See the Council on Teacher Education (p. 491) section.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
HIST 106 or HIST 114	The World Since 1400: Converging Worlds, New Circulations or Topics in World History	3
Quantitative Reasoning course		4-5
Foreign Language		4
Declare Secondary Education Curriculum		
	Hours	**14-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
HIST 100 or HIST 101	Western Civilization to 1648 or Western Civilization Since 1648	3
Foreign Language		4
General Education course		3
General Education course		3-5
Meet with Program Advisor [a]		
	Hours	**16-18**
Second Year		
Fall Semester		
HIST 103 or HIST 104	Early America: From Colonization to Civil War and Reconstruction or Modern America: From Industrialization to Globalization	3
HIST 255	History of Chicago	3
Foreign Language		4
Social science course/Elective		3
General Education course		3-5
	Hours	**16-18**
Spring Semester		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
Foreign Language		4
History area course		3
200-level history course		3
Complete Application to Candidacy [b]		
	Hours	**16**
Third Year		
Fall Semester		
SPED 410	Exceptional Learners	3
CI 414	Middle and High School Literacy (after admission to candidacy) [b]	3
200-level history course		3
HIST 300	History Methods Colloquium	3
HIST 320 or HIST 420	Teaching History and the Related Disciplines or Teaching the Social Sciences	3-4
Complete Application to Candidacy [b]		
	Hours	**15-16**
Spring Semester		
HIST 300	History Methods Colloquium	3
HIST 320 or HIST 420	Teaching History and the Related Disciplines or Teaching the Social Sciences	3-4
400-level history course		3
History area courses or Electives		3
HIST 419	Teaching Civics Literacy	3 or 4
Request Enrollment Approval for ED 425 (March 15) [b]		
Complete Application to Student Teach [b]		
Take Content Area Test by Deadline [b]		
	Hours	**15-17**
Fourth Year		
Fall Semester		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
HIST 440	History Research Seminar	3
400-level history course		3
Social science course or Electives		3
	Hours	**13**
Spring Semester		
HIST 475	Educational Practice with Seminar I	6
HIST 476	Educational Practice with Seminar II	6
File Intent to Graduate Form (no later than the 3rd week of the semester the student plans to graduate)		
Complete Entitlement Application		
	Hours	**12**
	Total Hours	**120**

a *http://www.las.uic.edu/departmentaladvising*
b *Consult program advisor or CTE website for deadline.*

Minor in History

Requirements for the Minor

Students from other disciplines who want to minor in history must complete 15 semester hours with at least 9 semester hours at the 200 level or above and at least three courses taken at UIC. No more than 3 hours of HIST 499 may count toward this requirement.

Integrated Health Studies

Mailing Address:
3272 Science and Engineering South (SES)

Contact Information:
(312) 996–2211
ihs.uic.edu

Administration:
Head: Eric Stabb
Director of Undergraduate Studies, Biological Sciences (Health and Science concentration): Aixa Alfonso

Director of Undergraduate Studies, Psychology (Behavioral Health concentration): Katherine Zinsser

The Bachelor of Science in Liberal Arts and Sciences, Major in Integrated Health Studies is a collaborative program of the College of Applied Health Sciences and the College of Liberal Arts and Sciences. The program is jointly supported by the College of Liberal Arts and Sciences Departments of Biological Sciences and Psychology and administered by the Department of Biological Sciences.

The Major in Integrated Health Studies provides students the opportunity to explore the complexity of human health, from the level of the gene to society, by providing a diverse, interdisciplinary curriculum that includes core content spanning the life sciences, natural sciences, social sciences, and the humanities. As a more holistic perspective of health has evolved, the training of health professionals has evolved as well. Students will graduate with a broad understanding of human structure and function in health and disease across the lifespan; a broad understanding of how human health and disease are impacted by culture, the environment, society, and personal behavior; and an appreciation for health issues that are unique to the urban environment and to the global society. Upon completion of the bachelor's degree, graduates will be competitive for admission into professional and graduate health-related programs or entry into health-related careers.

Distinction

Departmental Distinction

In addition to completing the degree requirements for either the Behavioral Health or Health and Science concentration, the candidate for Departmental Distinction must earn a minimum 3.50/4.00 GPA in courses approved for the Integrated Health Studies major and a minimum 3.30/4.00 GPA cumulative overall GPA.

Highest Departmental Distinction

In addition to completing the degree requirements for either the Behavioral Health or Health and Science concentration, the candidate for Highest Departmental Distinction must either earn a 3.70/4.00 GPA in courses approved for the Integrated Health Studies major and a 3.30/4.00 cumulative GPA; or earn a minimum 3.50/4.00 GPA in courses approved for the Integrated Health Studies major, a 3.30/4.00 cumulative GPA, and complete at least 2 hours of PSCH 396 and/or BIOS 399.

Degree Programs

- BS with a Major in Integrated Health Studies—Concentration in Behavioral Health (p. 382)
- BS with a Major in Integrated Health Studies—Concentration in Health and Science (p. 384)

BS with a Major in Integrated Health Studies—Concentration in Behavioral Health

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and departmental degree requirements. The degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Majors in Integrated Health Studies must complete either the Behavioral Health Concentration or the Health and Science Concentration.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Courses		14
Major Requirements		38-52
General Education and Electives to reach Minimum Total Hours		54-68
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements. Students should consult the course lists below and their advisors to determine which courses are counted toward the General Education and Writing-in-the-Discipline requirements.

Note: Students are strongly encouraged to satisfy the Quantitative Reasoning requirement by taking STAT 130 or calculus at the level of MATH 170 or above.

Required Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
Select one of the following sequences in general chemistry: [a]		10
CHEM 122	Matter and Energy [b]	
CHEM 123	Foundations of Chemical Inquiry I [b]	
CHEM 124	Chemical Dynamics [b]	
CHEM 125	Foundations of Chemical Inquiry II [b]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 118	Honors and Majors General and Analytical Chemistry II	
ECON 120	Principles of Microeconomics	4
Total Hours		**14**

a *CHEM 115 may be used as a substitute for CHEM 122 and CHEM 123.*

b *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements or requirements of the major: CHEM 122/CHEM 123, CHEM 124/CHEM 125*

Major Requirements

Of the 38–52 semester hours for the major, no more than 22 hours may be at the 100 level and at least 6 semester hours must be at the 300 or 400 level. At least 19 hours of course work for the major are required to be taken at UIC.

Code	Title	Hours
Required Core Courses		
AHS 200	Introduction to Integrated Health Sciences	3

BIOS 110	Biology of Cells and Organisms	4
BIOS 120	Biology of Populations and Communities	4
PSCH 100	Introduction to Psychology	4
AHS 375	Ethics, Law and Professionalism in Health Sciences [a]	3
Content Area Courses		
Students must select one course or sequence from each of the following content areas:		
Applied Health		3-5
HN 196	Nutrition	
KN 152	Introduction to Exercise Physiology and Health	
KN 230 & KN 232	Anatomy and Physiology Lecture I and Anatomy and Physiology Laboratory I	
PUBH 100	Health and the Public	
Health Economics		3-4
ECON 106	Tobacconomics	
ECON 121	Principles of Macroeconomics	
ECON 215	Health Economics	
Humanities/Social Sciences		3
ANTH 216	Medicine, Culture, and Society	
DHD 101	Disability in U.S. Society	
PHIL 116	Biomedical Ethics	
PSCH 231	Community Psychology	
PSCH 270	Introduction to Psychological and Behavioral Disorders	
SOC 100	Introduction to Sociology	
or SOC 105	Social Problems	
Natural Sciences		3-6
BIOS 222 & BIOS 312	Cell Biology and Cell Biology Laboratory [b]	
BIOS 250 & BIOS 351	Microbiology and Application to Health and Microbiology Laboratory [b]	
BIOS 350 & BIOS 351	General Microbiology and Microbiology Laboratory [b]	
CHEM 230 & CHEM 233	Organic Chemistry of Biological Systems and Synthesis Techniques Laboratory [b]	
CHEM 232 & CHEM 233	Structure and Function and Synthesis Techniques Laboratory [b]	
PHYS 118	Physics in Modern Medicine	
PHYS 131	Introductory Physics for Life Sciences I	
Concentration Courses		**8-16**
In addition to Core and Content Area courses, students are required to earn either the Concentration in Behavioral Health or the Concentration in Health and Science.		
Concentration in Behavioral Health (8-13 hours)		
Select three courses from either the following list or the Applied Health and/or Humanities/Social Sciences Content Areas. Courses taken to satisfy the Content Area requirement may not be used to satisfy the requirements of the concentration. [c]		
AHS 304	Human Sexuality and Health Science	
AHS 330	Physical and Mental Health Issues in Rehabilitation	
AHS 393	Synthesis in Health and Rehabilitation Sciences [d]	
AHS 402	Health Inter-professional Seminar	
BIOS 365	Human Ecological Systems	
DHD 202	Disability, Health, and Society	
KN 231 & KN 233	Anatomy and Physiology Lecture II and Anatomy and Physiology Laboratory II	
KN 237	Sport and Exercise Psychology	
LAS 289	LAS Internship [d]	
PHAR 201	Pharmaceutical Care in the US	
PSCH 242	Introduction to Research in Psychology	
PSCH 320	Developmental Psychology	
PSCH 415	Social Bases of Health Behavior	
SOC 251	Health and Medicine	
Total Hours		**38-52**

a *AHS 375 satisfies the Writing-in-the-Discipline requirement.*

b *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements or requirements of the major: BIOS 222/BIOS 312, BIOS 250/BIOS 351, BIOS 350/BIOS 351, CHEM 230/CHEM 233 or CHEM 232/CHEM 233.*

c *Students may use BIOS 399 or PSCH 396 toward this requirement with advisor approval. Students with a Pre-Nursing educational goal may also use NUEL 250 toward this requirement.*

d *Students who select AHS 393 or LAS 289 must enroll for a minimum of 3 semester hours. Only one course may be counted toward the major.*

Recommended Plan of Study—Integrated Health Studies Major, Concentration in Behavioral Health

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Select one of the following: [b]		5
CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	
Quantitative Reasoning Requirement [a]		4-5
General Education Requirement		3
	Hours	**15-16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 110 or BIOS 120	Biology of Cells and Organisms [b] or Biology of Populations and Communities	4
Select one of the following: [b]		5
CHEM 118	Honors and Majors General and Analytical Chemistry II	

CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
General Education Requirement [3]		3
	Hours	**15**
Second Year		
Fall Semester		
BIOS 110 or BIOS 120	Biology of Cells and Organisms [b] or Biology of Populations and Communities	4
PSCH 100	Introduction to Psychology	4
AHS 200	Introduction to Integrated Health Sciences	3
Foreign Language		4
	Hours	**15**
Spring Semester		
Applied Health Content Area Selective [c]		3-5
Humanities/Social Sciences Content Area Selective [d]		3
ECON 120	Principles of Microeconomics	4
General Education Requirement		3
Foreign Language		4
	Hours	**17-19**
Third Year		
Fall Semester		
Health Economics Content Area Selective [e]		3-4
Natural Sciences Content Area Selective [f]		3-6
Behavioral Health Concentration Selective [g]		3-4
General Education Requirement		3
Foreign Language		4
	Hours	**16-21**
Spring Semester		
Behavioral Health Concentration Selective [g]		3-4
Behavioral Health Concentration Selective [g]		2-5
General Education Requirement		3
Foreign Language		4
	Hours	**12-16**
Fourth Year		
Fall Semester		
AHS 375	Ethics, Law and Professionalism in Health Sciences [h]	3
Electives		12
	Hours	**15**
Spring Semester		
Electives		15
	Hours	**15**
	Total Hours	**120**

a *Majors are strongly encouraged to satisfy the Quantitative Reasoning requirement by taking either STAT 130 or calculus at the level of MATH 170 or above. A grade of C or better is required to satisfy the Quantitative Reasoning requirement.*

b *The two Analyzing the Natural World and the two General Education course requirements can be satisfied with BIOS 110, BIOS 120 , CHEM 116 or CHEM 122/CHEM 123, and CHEM 118 or CHEM 124/CHEM 125.*

c *Applied Health Content Area requirement may be satisfied by taking one of the following: HN 196, KN 152, KN 230/KN 232, PUBH 100.*

d *Humanities/Social Sciences Content Area requirement my be satisfied by taking one of the following: ANTH 216, DHD 101, PHIL 116, PSCH 231, PSCH 270, SOC 100 or SOC 105.*

e *Health Economics Content Area requirement may be satisfied by taking one of the following: ECON 106, ECON 121,* ECON 215.

f *Natural Sciences Content Area requirement may be satisfied by taking one of the following: BIOS 222/BIOS 312, BIOS 250/BIOS 351, BIOS 350/BIOS 351, CHEM 232/CHEM 233 or CHEM 230/CHEM 233, PHYS 118, PHYS 131. It is recommended that the BIOS and CHEM lecture and lab be taken over two semesters.*

g *Courses that may be used to satisfy the Behavioral Health Concentration are: AHS 304, AHS 330, AHS 393, AHS 402, BIOS 365, DHD 202, KN 231/KN 233 KN 237, LAS 289, PHAR 201, PSCH 242, PSCH 320, PSCH 415, SOC 251, in addition to courses listed under Applied Health and/or Humanities/Social Sciences Content Areas. Courses taken to satisfy Content Area requirements may not be be used to satisfy the requirement of the concentration. Students may use BIOS 399 or PSCH 396 toward this requirement with advisor approval. Students with a Pre-Nursing educational goal may also use NUEL 250 toward the requirement.*

h *AHS 375 satisfies the LAS Writing-in-the-Discipline requirement.*

Note: Of the total semester hours used to satisfy the requirements of the major, no more than 22 hours may be at the 100 level and at least 6 semester hours must be at the 300 or 400 level. At least 19 hours of coursework for the major are required to be taken at UIC.

BS with a Major in Integrated Health Studies—Concentration in Health and Science

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and departmental degree requirements. The degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Majors in Integrated Health Studies must complete either the Behavioral Health Concentration or the Health and Science Concentration.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Courses		14
Major Requirements		38-52
General Education and Electives to reach Minimum Total Hours		54-68
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements. Students should consult the course lists below and their advisors to determine which courses are counted toward the General Education and Writing-in-the-Discipline requirements.

Note: Students are strongly encouraged to satisfy the quantitative reasoning requirement by taking STAT 130 or calculus at the level of MATH 170 or above.

Required Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
Select one of the following sequences in general chemistry: [a]		10
CHEM 122	Matter and Energy [b]	

CHEM 123	Foundations of Chemical Inquiry I [b]	
CHEM 124	Chemical Dynamics [b]	
CHEM 125	Foundations of Chemical Inquiry II [b]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 118	Honors and Majors General and Analytical Chemistry II	
ECON 120	Principles of Microeconomics	4
Total Hours		**14**

a *CHEM 115 may be used as a substitute for CHEM 122 and CHEM 123. CHEM 130 may be used as a substitute for CHEM 124 and CHEM 125.*

b *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements or requirements of the major: CHEM 122/CHEM 123, CHEM 124/CHEM 125*

Major Requirements

Of the 38–52 semester hours for the major, no more than 22 hours may be at the 100 level and at least 6 semester hours must be at the 300 or 400 level. At least 19 hours of course work for the major are required to be taken at UIC.

Code	Title	Hours
Required Core Courses		
AHS 200	Introduction to Integrated Health Sciences	3
BIOS 110	Biology of Cells and Organisms	4
BIOS 120	Biology of Populations and Communities	4
PSCH 100	Introduction to Psychology	4
AHS 375	Ethics, Law and Professionalism in Health Sciences [a]	3
Content Area Courses		
Students must select one course or sequence from each of the following content areas:		
Applied Health		3-5
HN 196	Nutrition	
KN 152	Introduction to Exercise Physiology and Health	
KN 230 & KN 232	Anatomy and Physiology Lecture I and Anatomy and Physiology Laboratory I	
PUBH 100	Health and the Public	
Health Economics		3-4
ECON 106	Tobacconomics	
ECON 121	Principles of Macroeconomics	
ECON 215	Health Economics	
Humanities/Social Sciences		3
ANTH 216	Medicine, Culture, and Society	
DHD 101	Disability in U.S. Society	
PHIL 116	Biomedical Ethics	
PSCH 231	Community Psychology	
PSCH 270	Introduction to Psychological and Behavioral Disorders	
SOC 100 or SOC 105	Introduction to Sociology Social Problems	
Natural Sciences		3-6
BIOS 222 & BIOS 312	Cell Biology and Cell Biology Laboratory [b]	
BIOS 250 & BIOS 351	Microbiology and Application to Health and Microbiology Laboratory [b]	
BIOS 350 & BIOS 351	General Microbiology and Microbiology Laboratory	
CHEM 230 & CHEM 233	Organic Chemistry of Biological Systems and Synthesis Techniques Laboratory [b]	
CHEM 232 & CHEM 233	Structure and Function and Synthesis Techniques Laboratory [b]	
PHYS 118	Physics in Modern Medicine	
PHYS 131	Introductory Physics for Life Sciences I	
Concentration Courses		
In addition to Core and Content Area courses, students are required to earn either the Concentration in Behavioral Health or the Concentration in Health and Science.		
Concentration in Health and Science (8-16 hours)		
Select three courses from either the following list or the Natural Sciences and/or Health Economics Content Areas. Courses taken to satisfy the Content Area requirement may not be used to satisfy the requirements of the concentration. [c]		8-16
AHS 393	Synthesis in Health and Rehabilitation Sciences [d]	
AHS 402	Health Inter-professional Seminar	
BIOS 220 & BIOS 310	Genetics and Genetics Laboratory [b]	
BIOS 286 or PSCH 262	The Biology of the Brain Behavioral Neuroscience	
BIOS 320 & BIOS 321	Developmental Biology and Developmental Biology Laboratory [b]	
BIOS 333	Visualizing Biological Data	
BIOS 340 & BIOS 443	Environmental Physiology and Animal Physiological Systems Laboratory	
BIOS 343 & BIOS 443	Animal Physiological Systems and Animal Physiological Systems Laboratory [b]	
BIOS 352	Introductory Biochemistry	
BIOS 355	Immunology	
BIOS 365	Human Ecological Systems	
BIOS 446	Evolution and Human Disease	
CHEM 234	Chemical Synthesis	
HN 307	Human Nutrition and Metabolism	
LAS 289	LAS Internship [d]	
Total Hours		**38-52**

a *AHS 375 satisfies the Writing-in-the-Discipline requirement.*

b *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements or*

requirements of the major: BIOS 220/BIOS 310, BIOS 222/BIOS 312, BIOS 320/BIOS 321, BIOS 340/BIOS 443 or BIOS 343/BIOS 443, BIOS 250/BIOS 351 or BIOS 350/BIOS 351, CHEM 230/CHEM 233 or CHEM 232/CHEM 233.

c *Students may use BIOS 399 or PSCH 396 towards this requirement with advisor approval.*

d *Students who select AHS 393 or LAS 289 must enroll for a minimum of 3 semester hours. Only one course may be counted toward the major.*

Recommended Plan of Study—Integrated Health Studies Major, Concentration in Health and Science

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Quantitative Reasoning Requirement [a]		4-5
Select one of the following: [b]		5
CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	
General Education Requirement		3
	Hours	**15-16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 110 or BIOS 120	Biology of Cells and Organisms [b] or Biology of Populations and Communities	4
Select one of the following: [b]		5
CHEM 118	Honors and Majors General and Analytical Chemistry II	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
General Education Requirement		3
	Hours	**15**
Second Year		
Fall Semester		
BIOS 110 or BIOS 120	Biology of Cells and Organisms [b] or Biology of Populations and Communities	4
PSCH 100	Introduction to Psychology	4
AHS 200	Introduction to Integrated Health Sciences	3
Foreign Language		4
	Hours	**15**
Spring Semester		
ECON 120	Principles of Microeconomics	4
Humanities/Social Sciences Content Area Selective [g]		3
Natural Sciences Content Area Selective [d]		3-6
General Education Requirement		3
Foreign Language		4
	Hours	**17-20**
Third Year		
Fall Semester		
Health and Science Concentration Selective [e]		3-6
Applied Health Content Area Selective [f]		3-5
Health Economics Content Area Selective [c]		3-4
General Education Requirement		3
Foreign Language		4
	Hours	**16-22**
Spring Semester		
Health and Sciences Concentration Selective [e]		3-6
Health and Sciences Concentration Selective [e]		2-4
General Education Requirement		3
Foreign Language		4
Elective		3
	Hours	**15-20**
Fourth Year		
Fall Semester		
AHS 375	Ethics, Law and Professionalism in Health Sciences [h]	3
Electives		9
	Hours	**12**
Spring Semester		
Electives		13
	Hours	**13**
	Total Hours	**120**

a *Majors are strongly encouraged to satisfy the Quantitative Reasoning requirement by taking either STAT 130 or calculus at the level of MATH 170 or above. A grade of C or better is required to satisfy the Quantitative Reasoning requirement.*

b *The two Analyzing the Natural World and the two General Education course requirements can be satisfied with BIOS 110, BIOS 120, CHEM 116 or CHEM 122/CHEM 123, and CHEM 118 or CHEM 124/CHEM 125.*

c *Health Economics Content Area requirement may be satisfied by taking one of the following: ECON 106, ECON 121, ECON 215.*

d *Natural Sciences Content Area requirement may be satisfied by taking one of the following: BIOS 222/BIOS 312, BIOS 250/BIOS 351, BIOS 350/BIOS 351, CHEM 232/CHEM 233 or CHEM 230/CHEM 233, PHYS 118, PHYS 131. It is recommended that the BIOS and CHEM lecture and lab be taken over two semesters.*

e *Courses that may be used to satisfy the Health and Science Concentration are: AHS 393, AHS 402, BIOS 220/BIOS 310, BIOS 286 or PSCH 262, BIOS 320/BIOS 321, BIOS 333, BIOS 340/BIOS 443, BIOS 343/BIOS 443, BIOS 352, BIOS 365, BIOS 446, CHEM 234, HN 307, and LAS 289, in addition to courses listed under the Natural Sciences and/or Health Economics Content Areas. Courses taken to satisfy the Content Area requirement may not be used to satisfy the requirement of the concentration. Students may use BIOS 399 or PSCH 396 toward this requirement with advisor approval.*

f *Applied Health Content Area requirement may be satisfied by taking one of the following: HN 196, KN 230/KN 232, PUBH 100.*

g *Humanities/Social Sciences Content Area requirement may be satisfied by taking one of the following: ANTH 216, DHD 101, PHIL 116, PSCH 231, PSCH 270, SOC 100 or SOC 105.*

h *AHS 375 satisfies the LAS Writing-in-the-Discipline requirement.*

Note: Of the total semester hours used to satisfy the requirements of the major, no more than 22 hours may be at the 100 level and at least 6 semester hours must be at the 300 or 400 level. At least 19 hours of coursework for the major are required to be taken at UIC.

International Studies

Contact Information:
Campus Location: 1722 University Hall (UH)
(312) 996-5218
inst.uic.edu

Administration:
Professor, Norma Claire Moruzzi

Minor in International Studies

The International Studies undergraduate minor provides students with the opportunity to pursue multidisciplinary study of international topics in a global context. Offerings are divided into three focal areas:

1. World Markets and Development,
2. Global Cultures and Societies, and
3. International Security and Governance.

Students have the option of taking courses in only one focal area or taking courses among two or three of the areas. The minor consists of 21 semester hours of coursework that must be international and comparative in overall content.

Minor

- Minor in International Studies (p. 387)

Minor in International Studies

Requirements for the Minor

Students interested in pursuing the minor in International Studies should consult with the program administrator or the LAS International Studies student advisor. Students may use courses to fulfill the requirements in both the major and the minor. Courses from other departments and programs may be used to satisfy requirements of the minor. Please consult with the program administrator when selecting courses.

Code	Title	Hours
Required Courses		
Select one of the following:		3
INST 105	Global Transformations and the Rise of the West Since 1000	
INST 106	The World Since 1400: Converging Worlds, New Circulations	
INST 114	Topics in World History	
Select one of the following:		3
INST 130	Introduction to Comparative Politics	
INST 184	Introduction to International Relations	
Four courses at the 200, 300, and 400 levels in only one focal area below or among two or three of the areas below:		12
World Markets and Development		
Global Cultures and Societies		
International Security and Governance		
INST 301	Seminar in International Studies	3
Total Hours		**21**

Department of Latin American and Latino Studies

Contact Information:
Campus Location: 1525 University Hall (UH)
(312) 996-2445
lals.uic.edu

Administration:
Chair, Jonathan Inda, jxinda@uic.edu

Director of Undergraduate Studies, Joel Huerta, huertaj@uic.edu

The program in Latin American Studies and Latino Studies seeks to provide students with an understanding of the history, cultures, and contemporary issues of Latin Americans and Latinos in the U.S. using interdisciplinary approaches. Courses for the major and minor cover Mexico, the Caribbean, and Central and South America as well as urbanization and social and political processes among Latino groups in Chicago and throughout the United States. Comparative and diverse developmental perspectives illuminate linkages among the countries and peoples of the Americas. A major or minor in Latin American and Latino Studies can serve as a useful basis for careers in public service, business, professional, or academic life related to Latin America or U.S. Latinos.

Requirements are designed so that students acquire exposure to both Latin American and Latino studies, with a general background from introductory-level courses and a more specialized study at the advanced level. Students can tailor the remaining requirements toward a more general curriculum by taking an equal number of courses in Latin American Studies and in Latino Studies or pursue an area of specialization by taking more of their remaining courses in one of the two areas. Students may also choose to take courses in a particular disciplinary area of the humanities (history and cultural studies) or the social sciences (anthropology, political science, sociology) or a combination of these areas. Students are strongly encouraged to take at least one course on Mexico.

Distinction

To be considered for distinction, students must obtain a 3.00/4.00 overall GPA, plus the following:

- 3.50/4.00 GPA in the major for **Distinction**;
- 3.75/4.00 GPA in the major for **High Distinction**;
- 3.75/4.00 GPA in the major, and a 25-30 page essay as part of a 400-level course taken to satisfy the major requirement for **Highest Distinction.**

Degree Program

- BA with a Major in Latin American and Latino Studies (p. 387)

Minor

- Minor in Latin American and Latino Studies (p. 389)

BA with a Major in Latin American and Latino Studies

Program Codes:
20FT1405BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and program degree requirements. The Department of Latin American and Latino Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach minimum Total Hours		87
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

For the Bachelor of Arts, 33 semester hours are required as distributed below.

Code	Title	Hours
Required Courses		
LALS 101	Introduction to Latin American Studies [a,b]	3
LALS 102	Introduction to Latino Studies [b,c]	3
LALS 301	Research Methods in Latin America and Latino Studies [d]	3
Three LALS electives with at least two courses (6 hours) at the 300 level or above		9
Five total courses selected from any of the following thematic categories. At least two of the courses (6 hours) must be at the 400 level.		15
Gender, Sexuality, and Feminism		
LALS 275	Gender in Latin America	
LALS 276	Latinas in the United States	
LALS 277	Issues of Race, Class, and Gender Among Latinos	
LALS 376	Politics of the Latinx Body	
LALS 417	Latina and Latin American Feminist Thought	
LALS 422	Chicanas and Latinas: Self and Society	
LALS 476	Latinx Youth: Coming of Age in the U.S.	
Politics, History, and Society		
LALS 233	Latinos in Chicago	
LALS 242	Government and Politics of Latin America	
LALS 283	Latinos and Politics	
LALS 288	History of Modern Puerto Rico	
LALS 290	Mexican-American History	
LALS 380	Social Movements in Latin America	
LALS 385	Latino Social Movements in the United States	
LALS 425	Urban Field Research in Latino/a Communities	
LALS 466	Criminal Governance in Latin America	
Media, Culture, and the Arts		
LALS 260	Indigenous Storytelling in Latin America	
LALS 278	Latin American/Latino Film Studies	
LALS 286	Issues in Latino Identity	
LALS 295	Latino Literary Studies	
LALS 335	Latinx Sound Studies	
LALS 337	Latino/a Religions in the US	
LALS 428	Latin@ Futurity	
LALS 434	Literature of the Americas	
Borders, Migration, and Transnationalism		
LALS 234	Politics of Immigration Enforcement	
LALS 328	Child Migration Across the Americas	
LALS 333	Undocumented Social Movements	
LALS 433	Latin American Migration to the U.S.	
LALS 436	Borders and Borderlands: Method and Theory	
LALS 437	Global Migrations Across the Americas	
Total Hours		**33**

a *This course is approved for the Exploring World Cultures General Education category.*

b *This course is approved for the Understanding the Past General Education category.*

c *This course is approved for the Understanding U.S. Society General Education category.*

d *LALS 301 fulfills the Writing-in-the-Discipline requirement.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Elective		4
Quantitative Reasoning		3-5
General Education Requirement course		3-5
	Hours	**13-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
LALS 101 or LALS 102	Introduction to Latin American Studies or Introduction to Latino Studies	3
Elective		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
LALS 101 or LALS 102	Introduction to Latin American Studies or Introduction to Latino Studies	3
LALS elective [a]		3
Elective		3
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**15-17**
Spring Semester		
LALS thematic course [b]		3
LALS elective (300-400 level) [a]		3
Elective		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**

Third Year		
Fall Semester		
LALS 301	Research Methods in Latin America and Latino Studies	3
LALS thematic course [b]		3
General Education Requirement course/Elective		3-5
General Education Requirement course/Elective		3
Electives		3
	Hours	**15-17**
Spring Semester		
LALS thematic course (400 level) [b]		3
LALS elective (300-400 level) [a]		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
LALS thematic course (400 level) [b]		3
Electives		12
	Hours	**15**
Spring Semester		
LALS thematic course (400 level)		3
Electives		12
	Hours	**15**
	Total Hours	**120**

a *Students are required to take three LALS electives (9 semester hours), with at least two of courses (6 hours) at the 300 level or above.*

b *Students are required to take a total of five courses (15 semester hours) selected from the LALS thematic categories, with courses chosen from any of the categories. At least two of the courses (6 hours) must be at the 400 level.*

Minor in Latin American and Latino Studies

Requirements for the Minor

Students from other disciplines who want to minor in Latin American and Latino Studies must complete 15 semester hours as outlined below:

Code	Title	Hours
Required Courses		
Select one of the following:		3
LALS 101	Introduction to Latin American Studies	
LALS 102	Introduction to Latino Studies	
Select three courses chosen from these categories with at least two courses (6 hours) at the 300 level or above. [a]		9
Gender, Sexuality, and Feminism		
Politics, History, and Society		
Media, Culture, and the Arts		
Borders, Migration, and Transnationalism		
One LALS elective		3
Total Hours		**15**

a *See the catalog page for the* BA with a Major in Latino and Latin American Studies (p. 387) *for eligible courses in each category.*

Liberal Studies

Contact Information:
liberalstudies@uic.edu

Program Codes:
20FT1414BA

The Major in Liberal Studies serves students whose intellectual interests and academic pursuits do not specifically fit one of the established majors offered by departments and programs in the college. Students pursuing the Major in Liberal Studies anchor their academic trajectory in an established field of knowledge, while simultaneously finding flexibility to self-design a program that reflects their individual and intellectual interests and academic goals.

Applications for the Major in Liberal Studies are endorsed by a member of the faculty and approved and, upon completion, certified by the LAS Associate Dean for Student Academic Affairs and the LAS Executive Assistant Dean for Student Academic Affairs.

Degree Program

- BA with a Major in Liberal Studies (p. 389)

BA with a Major in Liberal Studies

Degree Requirements

To earn a Bachelor of Arts with a Major in Liberal Studies degree from UIC, students need to complete university and college degree requirements. The degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

- Students applying for the Major in Liberal Studies must meet the following criteria:
  - A minimum grade point average of 2.00/4.00
  - A minimum of 60 semester hours completed at the time of application
  - Transfer students must have completed minimum of 15 semester hours at UIC to be eligible to apply
- Prospective students must submit an electronic application that:
  - describes the academic and professional goals of the proposed major program;
  - lists a minimum of three academic and professional (NACE) competencies that will be acquired through the completion of this program;
  - lists potential required, selective, and elective courses for the proposed program;
  - sketches out a planned timeline for completion of the requirements; and
  - is endorsed by the assigned LAS academic advisor.
- Proposals will be evaluated by the LAS Associate Dean for Student Academic Affairs and the Executive Assistant Dean for Student Academic Affairs on a rolling basis. Students will be notified of the outcome of their application within four to six weeks. See the Major in Liberal Studies website for more information and a link to the electronic application. Incomplete applications will not be reviewed.
- Students accepted to the major will be assigned an academic an LAS academic advisor to monitor their progress toward graduation.

Code	Title	Hours
Program Requirements		
120 hours are required for the degree. Approved plans of study for the Major in Liberal Studies must include the following:		
• At least 30 (and no more than 40) semester hours for the major		
• An established UIC minor or certificate in its entirety, along with additional relevant and complementary courses. Programs may be completed with a second minor or certificate instead of electives.		
• A minimum of 18 hours of advanced (200-level, 300-level, 400-level) coursework, of which at least 6 semester hours must be at the 300 level or above.		
• A course in the student's minor department that is designated to satisfy the Writing-in-the-Discipline requirement; alternatively, an appropriate Writing-in-the-Discipline course from another department or program must be proposed and approved.		
Career Exploration and Preparation requirement:		
• This may be satisfied by LAS 200 (1 semester hour) or LAS 289 (1-3 semester hours). With advisor approval, this requirement may also be satisfied with internship or practicum credit from another department. Completion of a comparable professional experience (including internships for which credit was not earned) may also be considered, though students may be required to supplement the experience with workshops or one-on-one advising with an LAS career advisor.		
Students in the Liberal Studies major are also required to:		
• Complete all UIC and LAS requirements for graduation [a]		
• Meet with their assigned LAS academic advisor at least once each term		

a *Students transferring into LAS with senior standing should consult the catalog regarding options for LAS's foreign language requirement.*

Note: Revisions to the approved plan of study must be proposed in consultation with the director of undergraduate studies for the LAS minor or certificate as appropriate and approved by the assigned LAS academic advisor. The assigned academic advisor will also document these approvals. Students must seek approval for such revisions prior to enrolling in the relevant course.

Students will not be allowed to major in both an existing major and the Major in Liberal Studies.

Department of Linguistics

Contact Information:
Campus Location: 1722 University Hall
(312) 996-5218
ling.uic.edu

Administration:
Head and Director of Undergraduate Studies, Xuehua Xiang, xxiang@uic.edu

BA with a Major in Linguistics

The Major in Linguistics provides students with a comprehensive understanding of language, including its structure and use and the role that language plays in cognition, communication, and society. Combining theories and practical applications, the program aims to equip students with the skills to analyze language, understand the sociocultural context of language usage and change, and conduct research in various linguistic domains. The program also aims to develop critical thinking skills, foster cross-cultural understanding and communication skills, and promote interdisciplinary approaches to the study of language.

BS in Computer Science and Linguistics

The Bachelor of Science in Computer Science and Linguistics is a collaborative program of the College of Liberal Arts and Sciences and the College of Engineering designed to prepare students to pursue technical or professional careers in arts and sciences areas requiring a sound grounding in computer science. It is designed to meet an increasing demand for programming skills in various disciplines that include an aspect of language. This may include speech recognition, speech synthesis, machine-human interaction, narrative science/natural language generation, or more direct work with language analysis using computational tools, including documentation of indigenous languages, language learning, communication, and digital humanities and textual analyses.

Minor in Chinese

The Department of Linguistics offers coursework leading to the Minor in Chinese. It is aimed at students who wish to develop their language proficiency and cultural competence in Chinese. This minor is not intended for proficient native speakers of Mandarin Chinese.

Minor in Linguistics

The Department of Linguistics offers coursework leading to the Minor in Linguistics. The minor will engage students in the description and analysis of language structure, use, and learning. The minor will position students for further study in linguistics as well as for many careers in which critical thinking is required. Specifically, the minor provides knowledge and skills relevant for work in education, the teaching of English or other languages, the computer industry, translation and interpretation, language documentation, publishing and dictionary work, testing and assessment, government work, such as the foreign service, or consultant work in the fields of acting, advertising, law, or medicine.

Degree Programs

- BA with a Major in Linguistics (p. 390)
- BS in Computer Science and Linguistics (p. 392)

Minors

- Minor in Chinese (p. 393)
- Minor in Linguistics (p. 394)

BA with a Major In Linguistics

Degree Requirements

To earn a Bachelor of Arts in Liberal Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Linguistics degree requirements are outlined below.

Students should consult the College of Liberal Arts and sciences section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		27
General Education and Electives to Reach Minimum Total Hours		93
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
LING 150	Introduction to the Study of Language	3
LING 160	Language and Society	3
Select three of the following: [a]		9
LING 210	Introduction to Natural Language Syntax	
LING 220	Introduction to Phonetics and Phonology	
LING 230	Semantics, Pragmatics, and Discourse	
LING 260	Language Acquisition, Language Contact and Bilingualism	
Four additional LING elective courses		12
Of these 12 elective hours, at least 9 semester hours must be taken at the 300 level or above. At least 6 semester hours at the 300 level or above must come from LING.		
Total Hours		**27**

a *All four of these options satisfy the LAS Writing-in-the-Discipline requirement.*

b *A maximum of 6 semester hours of LING 300 and a maximum of 6 semester hours of LING 459 may count toward this requirement. With advisor approval, a maximum of 6 semester hours of 300-level linguistic courses taught in Spanish may count toward this requirement.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
LING 150	Introduction to the Study of Language	3
Foreign Language		4
Quantitative Reasoning course		3-4
	Hours	**13-14**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
LING 160	Language and Society	3
Foreign Language		4
Analyzing the Natural World (with Lab) General Education course		4
	Hours	**14**
Second Year		
Fall Semester		
LING 210 or LING 220 or LING 230 or LING 260	Introduction to Natural Language Syntax or Introduction to Phonetics and Phonology or Semantics, Pragmatics, and Discourse or Language Acquisition, Language Contact and Bilingualism	3
Foreign Language		4
Analyzing the Natural World (with Lab) General Education course		4
General Education Core course		3
Elective		3
	Hours	**17**
Spring Semester		
LING 210 or LING 220 or LING 230 or LING 260	Introduction to Natural Language Syntax or Introduction to Phonetics and Phonology or Semantics, Pragmatics, and Discourse or Language Acquisition, Language Contact and Bilingualism	3
Foreign Language		4
General Education Core course		3
Electives		6
	Hours	**16**
Third Year		
Fall Semester		
LING 210 or LING 220 or LING 230 or LING 260	Introduction to Natural Language Syntax or Introduction to Phonetics and Phonology or Semantics, Pragmatics, and Discourse or Language Acquisition, Language Contact and Bilingualism	3
General Education Core course		3
LING Elective [b]		3
Electives		6
	Hours	**15**
Spring Semester		
General Education Core course		3
LING Elective [c]		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
General Education Core course		3
LING Elective [c]		3
Electives		9
	Hours	**15**
Spring Semester		
LING Elective [c]		3
Electives		12
	Hours	**15**
	Total Hours	**120**

a *LING 150 satisfies the Understanding the Individual and Society General Education category.*

b *LING 160 satisfies the Understanding U.S. Society and the Understanding the Individual and Society General Education categories.*

c *12 semester hours of electives are required within the major, at least 9 hours of which must be taken at the 300 level or above. At least 6 semester hours at the 300 level or above must come from LING.*

BS in Computer Science and Linguistics

Admissions Requirements

In order to be considered for admission to the BS in Computer Science and Linguistics, students must have: At least one C and one B in MATH 180 and CS 111/CS 112/CS 113 with an average math/science/engineering GPA of 2.50/4.00, and at least a B in LING 150. Prior to completing these requirements, students may declare "pre-Computer Science and Linguistics" only. Transfer students who are admitted to UIC with all academic requirements complete should speak with their academic advisor at orientation about next steps. The College of Liberal Arts and Sciences reserves the right to restrict the enrollment of students into its academic programs based on space availability

Degree Requirements

To earn a Bachelor of Science in Computer Science and Linguistics degree from UIC, students need to complete university, college, and department degree requirements. The degree requirements for the BS in Computer Science and Linguistics are outlined below. Students should consult the College of Liberal Arts (p. 304)and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Requirements for the Curriculum		120
Total Hours		**120**

Requirements for the Curriculum

The requirements for the curriculum include the courses necessary to complete the General Education and Writing-in-the-Discipline requirements described in the College of Liberal Arts and Sciences section of the catalog.

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language (the equivalent of two years of a single language at the college level)		0-16
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Two Analyzing the Natural World courses (classes with labs only) [a]		8-10
MATH 180	Calculus I [b,c]	4
MATH 181	Calculus II [c]	4
STAT 381	Applied Statistical Methods I	3
Select one of the following:		3
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
CS 421	Natural Language Processing	3
LING 150	Introduction to the Study of Language [d]	3
LING 160	Language and Society [e]	3
LING 210	Introduction to Natural Language Syntax	3
LING 220	Introduction to Phonetics and Phonology	3
LING 230	Semantics, Pragmatics, and Discourse [f]	3
Select one of the following:		3
CS 301	Languages and Automata	
MCS 441	Theory of Computation I [g]	
Select two courses from the following:		6
CS 342	Software Design	
CS/MCS 401	Computer Algorithms I	
CS 411	Artificial Intelligence I	
CS 412	Introduction to Machine Learning	
CS 418	Introduction to Data Science	
CS 422	User Interface Design and Programming	
Select one additional CS elective among the selective list (CS 342, CS/MCS 401, CS 411, CS 412, CS 418, or CS 422), or any other CS course at the 400 level for which the student has proper prerequisites (or MCS 421, MCS 423, or MCS 425)		3
Select three courses from the following: [h]		9
LING 260	Language Acquisition, Language Contact and Bilingualism	
LING 300	Seminar in Linguistic Analysis [i]	
LING 310	Language and Discrimination	
LING 320	Linguistics and Speech-Language Pathology	
LING/CHIN 330	A Linguistic Introduction to Chinese	
LING 340	Vocabulary in Action: How do we learn, process, and use words as multilinguals?	
LING 350	Are Algorithms Biased	
LING 360	Basic Statistics for Language Research	
LING 370	Introduction to Computational Linguistics	
LING 410	AI for Language Research	
LING 440	Language and Gender	
LING 459	Topics in Linguistics [i]	
LING 483	Methodology of Second Language Teaching	
LING 487	Computer Assisted Language Learning	
PHIL 206	Introduction to the Philosophy of Language	
SPAN 361	The Structure of Spanish [j]	
SPAN 362	Sounds of Spanish [j]	

SPAN 363	Spanish in Society [j]	
SPAN 365	Meaning in Language [j]	
Electives		13-31
Total Hours		**120**

a *Students should consult the* General Education (p. 86) *section of the catalog for a list of approved courses.*
b *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*
c *These courses are approved for the Analyzing the Natural World General Education category (without lab).*
d *LING 150 fulfills the Individual and Society general education requirement.*
e *LING 160 fulfills the Understanding U.S. Society general education requirement.*
f *LING 230 fulfills the LAS Writing-in-the-Discipline requirement.*
g *MCS 441 has a prerequisite of MATH 215.*
h *Two of these three courses (6 hours) must be at the 300 level or above, and at least one course at the 300 level (or above) must come from LING.*
i *A maximum of 6 hours of* LING 300 *and a maximum of 6 hours of* LING 459 *may count toward this requirement.*
j *This course is taught in Spanish.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
CS 111 or CS 112 or CS 113	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy	3
LING 150	Introduction to the Study of Language	3
Understanding the Past course		3
	Hours	**16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
CS 141	Program Design II	3
LING 160	Language and Society	3
	Hours	**13**
Second Year		
Fall Semester		
STAT 381	Applied Statistical Methods I	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
Foreign Language		4
Understanding the Creative Arts course		3
	Hours	**16**
Spring Semester		
CS 251	Data Structures	4
CS 301	Languages and Automata	3
LING 210	Introduction to Natural Language Syntax	3
Foreign Language		4
	Hours	**14**
Third Year		
Fall Semester		
CS Selective or CS 421 [a]		3
LING Selective or LING 230 [b]		3
Foreign Language		4
Analyzing the Natural World course (with lab)		4-5
	Hours	**14-15**
Spring Semester		
LING 210 or LING 220	Introduction to Natural Language Syntax or Introduction to Phonetics and Phonology	3
CS Selective or CS 421 [a]		3
Foreign Language		4
Electives		5
	Hours	**15**
Fourth Year		
Fall Semester		
LING Selective or LING 230 [b]		3
CS Selective [a]		3
LING Selective [b]		3
Analyzing the Natural World course (with lab)		4-5
Elective		2
	Hours	**15-16**
Spring Semester		
LING Selective [b]		3
CS Elective		3
Exploring World Cultures course		3
Electives		6
	Hours	**15**
	Total Hours	**120**

a *Must complete two of the following: CS 342, CS 411, CS 412, CS 418, CS 422, or MCS 401/CS 401.*
b *Must complete three of the following: LING 260, LING 300, LING 310, LING 320, LING 330/CHIN 330, LING 340, LING 350, LING 360, LING 370, LING 440, LING 459, LING 483, LING 487, PHIL 206, SPAN 361, SPAN 362, SPAN 363, SPAN 365.*

Minor in Chinese

Requirements for the Minor

To declare the minor, students must demonstrate basic proficiency in Chinese through coursework or a placement test. Those who are using coursework for entry into the minor must have earned a grade of B or above in CHIN 103 in order to declare the minor. Students who place into CHIN 104 may also declare the minor. Students who want to minor in Chinese must complete 16 semester hours as follows:

Code	Title	Hours
Required Courses		
CHIN 104	Intermediate Chinese II	4
CHIN 200	Advanced Communication in Chinese	3
CHIN/GLAS 209	Advanced Chinese Language and Culture	3
Select two of the following:		6
CHIN 210	Understanding Contemporary Chinese Society Through Shanghai	
CHIN 300	Special Topics in Advanced Chinese Skills [a]	
CHIN/LING 330	A Linguistic Introduction to Chinese	
HIST/GLAS 109	East Asian Civilization: Ancient China	
HIST/GLAS 271	Late Imperial China: 1500 to 1911	

HIST/GLAS 272	China Since 1911	
POLS/GLAS 231	Politics and Society of China	
Total Hours		**16**

a *CHIN 300 can be taken twice, as long as the course topics are different. Doing so would satisfy this requirement.*

Minor in Linguistics

Requirements for the Minor

Students who wish to pursue the Minor in Linguistics must complete 18 semester hours, at least 9 of which must be at the 200 level or above. Courses used to complete the minor should comply with the following requirements:

Code	Title	Hours
Required Courses		
LING 150	Introduction to the Study of Language	3
LING 160	Language and Society	3
One foundational course selected from: [a]		3
LING 210	Introduction to Natural Language Syntax	
LING 220	Introduction to Phonetics and Phonology	
LING 230	Semantics, Pragmatics, and Discourse	
LING 260	Language Acquisition, Language Contact and Bilingualism	
Three additional courses (6 hours), two of which must be at the 200 level or above. Courses may be selected from: [a]		9
Any LING course [b]		
ENGL 153	Understanding Grammar and Style	
ENGL 154	Understanding Rhetoric	
PHIL 102	Introductory Logic	
PHIL 206	Introduction to the Philosophy of Language	
SPAN 427	Studies in Language Policy and Cultural Identity	
Other relevant courses approved by the minor advisor		
Total Hours		**18**

a *A single course may only be counted toward one requirement. For example, LING 230 can be applied toward either the foundational selective requirement or the additional LING course requirement, but not both.*

b *LING 496 may be applied towards these 9 hours; however, the course must be taken as a 3-semester-hour course, and it can only be applied once. A maximum of 6 hours of LING 300 and a maximum of 6 hours of LING 459 may count toward this requirement.*

School of Literatures, Cultural Studies and Linguistics

Contact Information:
Campus Location: 1722 University Hall (UH)
(312) 996-5218
lcsl.uic.edu

Administration:
Director, José Camacho
Associate Director, Elizabeth Loentz

The School of Literatures, Cultural Studies and Linguistics serves as the administrative umbrella over the following departments and programs: **Classics and Mediterranean Studies** (Arabic, Classics, Modern Greek, Latin); **French and Francophone Studies**; **Germanic Studies**; **Hispanic and Italian Studies** (Hispanic Linguistics, Hispanic Literary Studies, Spanish, Italian and Italian American Studies, Portuguese); **Linguistics** (Chinese, Computer Science and Linguistics, Japanese, Linguistics, Korean); **Polish, Russian, and Lithuanian Studies** (Polish, Russian, Lithuanian, Central and Eastern European Studies); **International Studies**; **Religious Studies** (Catholic Studies, Jewish Studies, Religious Studies); the **Language and Culture Learning Center** (LCLC); and **Moving Image Arts**.

The units within the school conduct original research and instruction on literary, cultural, and linguistics theories and practices in many languages and traditions. Faculty members within the school also have research and teaching interests in the moving image arts and religious and international studies. Its departments and programs are the primary source of instruction in foreign and classical languages at the basic and advanced levels and offer numerous majors and minors, which expose students to linguistic and cultural knowledge that responds to our rapidly globalizing world.

For information on individual units and their degree programs, please visit their home pages.

- Department of Classics and Mediterranean Studies
- Department of French and Francophone Studies
- Department of Germanic Studies
- Department of Hispanic and Italian Studies
- Department of Linguistics (p. 390)
- Department of Polish, Russian, and Lithuanian Studies
- International Studies Program
- Religious Studies Program
- Language and Culture Learning Center (LCLC)
- Moving Image Arts Program

Minor in Comparative Cultural Studies

The Minor in Comparative Cultural Studies offers a unique opportunity to explore and examine literature, film and visual media, and popular culture produced outside of the United States in courses taught in English by the departments and programs of the School of Literatures, Cultural Studies and Linguistics. Students will be invited to critically engage and dialogue with difference, cultural and linguistic diversity, variety of expression, and distinct ways of being, knowing, and acting as expressed through these cultural products.

Students in this minor will:

- Expand their cultural competency, especially regarding cultural production outside of the geographical U.S.
- Develop the ability to think critically about cultural difference, pluralism, transnationalism, and dynamic interactions among varying and evolving world views and perspectives.
- Acknowledge the role of translation in intercultural exchanges.

- Study the formal characteristics of various cultural products—literature, film and other visual media, and popular culture—and critically examine the specific personal, social, cultural, and historical contexts within which these are created and disseminated.
- Develop the ability to critically consider and appreciate how literatures, film and visual media, and popular culture reflect, respond to, and influence shifting ideas about individuals, relationships, communities, and work in and across cultures.
- Understand how political and social trends and historical developments have influenced the ways culture is created and received.
- Bolster their critical-thinking, analytical, oral communication, and writing skills.
- Enhance their ability to equitably engage, learn from, and interact with peoples originally from countries and geographies outside of the U.S. in diverse personal, communal, and professional settings.

For the minor, students take courses on literature, film and other visual media, and popular culture from outside the geographical United States, taught in English, with texts in translation.

Minor

- Minor in Comparative Cultural Studies (p. 395)

Minor in Comparative Cultural Studies

Requirements for the Minor

Students who wish to pursue the Minor in Comparative Cultural Studies must complete 15 semester hours. Courses used to complete the minor should comply with the following requirements:

Code	Title	Hours
Required Courses		
LCSL 250	Introduction to Comparative Cultural Studies	3
Literature and cultural studies courses primarily taught in English, and listed by the School of Literatures, Cultural Studies and Linguistics departments and programs under the following subjects: ARAB, CEES, FR, GER, GKM, JST, ITAL, LCSL, LITH, KOR, POL, SPAN, and RUSS. [a]		12
	Students must take courses in at least two subject codes with a maximum of 6 hours in any one subject code. [b]	
	At least 6 of the 12 hours must be completed at the 200 level or above.	
	A maximum of 3 hours of relevant literature and/or cultural studies courses taught in the target language (not English) and housed in the School of Literatures, Cultural Studies and Linguistics may be used with the approval of the an advisor for the minor. Basic language courses (101-104) are not eligible for these hours.	
	A maximum of 6 hours of relevant literature and/or cultural studies courses from areas/subjects taught by programs not housed in the School of Literatures, Cultural Studies and Linguistics may be used only with the documented approval of the acadmic advisor for the minor.	
	Students can use a maximum of 6 hours toward both the Minor in Comparative Cultural Studies and any other established major, minor, or certificate.	
Total Hours		**15**

a *Courses taught in English are so noted in the course description. Students should consult with an advisor for the minor to confirm whether a course is eligible.*

b *The limit of 6 hours in a single subject code includes cross-listings.*

Department of Mathematics, Statistics, and Computer Science

Contact Information:
Campus Location: 322 Science and Engineering Offices (SEO)
(312) 996–3041
mscs.uic.edu

Administration:
Head, Julius Ross
Director of Undergraduate Studies, Nathan Jones, dus-mscs@uic.edu

Introduction

Mathematics is the language of the sciences and of all fields where patterns and systematic processes need to be analyzed. The study of the various mathematical sciences involves learning ideas and techniques essential for the natural and social sciences and is increasingly important in all areas of a technological society.

Occupational fields open to students who have completed one of the curricula or majors in the department include mathematical analysis in industry or government, teaching, research, actuarial (insurance) work, computer programming and other statistical work, and mathematical aspects of business and finance.

The Department of Mathematics, Statistics, and Computer Science offers programs leading to the Bachelor of Science with a Major in Mathematics, the Bachelor of Science in the Teaching of Mathematics, the Bachelor of Science with a Major in Mathematics and Computer Science, and the Bachelor of Science with a Major in Statistics. A Minor in Mathematics and a Minor in Mathematics and Computer Science are also offered. Each major is assigned a department advisor who approves the student's choice of courses.

Transfer Students

A transfer student majoring in one of these programs must successfully complete at least half of the mathematics courses in residence at UIC. For the BS with a Major in Mathematics, at least 12 semester hours must be at the advanced level; for the BS with a Major in Mathematics and Computer Science, 14 semester hours must be upper division. No transfer course below calculus may be counted toward the BS with a Major in Mathematics, the BS in the Teaching of Mathematics, the BS with a Major in Mathematics and Computer Science, or the BS with a Major in Statistics. Only grades of A, B, or C in calculus and above from other colleges and universities will be accepted for transfer credit.

Distinction

Departmental Distinction: Departmental Distinction is awarded to students with a minimum of a 3.50/4.00 GPA in upper-division courses in the department.

High Departmental Distinction and Highest Departmental Distinction may be awarded in recognition of outstanding academic achievement.

Degree Programs

- BS with a Major in Mathematics (p. 396)
- BS with a Major in Statistics (p. 397)
- BS in the Teaching of Mathematics (p. 398)
- BS with a Major in Mathematics and Computer Science (p. 400)

Minors

- Minor in Mathematics (p. 401)
- Minor in Mathematics and Computer Science (p. 402)

BS with a Major in Mathematics

Program Codes:
20FT0439BS

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Mathematics, Statistics, and Computer Science degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		39
General Education and Electives to reach minimum Total Hours		81
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
MATH 180	Calculus I [a,b]	4
MATH 181	Calculus II [a]	4
MATH 210	Calculus III [a]	3
MATH 215	Introduction to Advanced Mathematics	3
MATH 300	Writing for Mathematics [c]	1
MATH 313	Analysis I	3
MATH 320	Linear Algebra I	3
MATH 330	Abstract Algebra I	3
Electives		
Electives chosen from mathematics, statistics, and mathematical computer science courses at the 200 level or higher, with the exception of MATH 218. At least 6 hours must be at the 400 level, excluding MATH 496, MCS 496, and STAT 496.		15
Total Hours		**39**

a *This course is approved for the Analyzing the Natural World General Education category.*
b *MATH 180 also fulfills the LAS Quantitative Reasoning requirement.*
c *MATH 300 fulfills the Writing-in-the-Discipline requirement.*

NOTE: Students planning advanced study in Mathematics should choose their electives from among the following:

Code	Title	Hours
Recommended Electives		
MATH 414	Analysis II	
MATH 417	Complex Analysis with Applications	
MATH 430	Formal Logic I	
MATH 435	Foundations of Number Theory	
MATH 445	Introduction to Topology I	
MATH 446	Introduction to Topology II	
MCS 421	Combinatorics	
MCS 423	Graph Theory	
STAT 401	Introduction to Probability	
STAT 475	Mathematics and Statistics for Actuarial Sciences I	

Recommended Plan of Study

Students who do not place into MATH 180 should expect to take summer session courses and possibly take longer than four years to graduate. Students who have taken AP exams in calculus or computer science need to see a departmental advisor for correct placement.

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I [a]	4
Foreign Language		4
General Education Requirement course		3
	Hours	**14**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
Foreign Language		4
General Education Requirement course		3
	Hours	**14**
Second Year		
Fall Semester		
MATH 210	Calculus III	3
MATH 215	Introduction to Advanced Mathematics	3
Foreign Language		4
General Education Requirement course		3-5
Electives		3
	Hours	**16-18**

Spring Semester		
MATH 320	Linear Algebra I	3
MATH 300	Writing for Mathematics	1
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**14**
Third Year		
Fall Semester		
MATH 330	Abstract Algebra I	3
MATH 313	Analysis I	3
General Education Requirement course		3
General Education Requirement course		3-5
Electives		3
	Hours	**15-17**
Spring Semester		
MSCS Electives [b]		6
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
Two MSCS electives (at least one at 400 level) [b]		6
Electives		9
	Hours	**15**
Spring Semester		
One MSCS elective (at least one at 400 level) [b]		3
Electives		12
	Hours	**15**
	Total Hours	**120**

a *MATH 180 satisfies the LAS Quantitative Reasoning requirement with a grade of C or better.*

b *Electives chosen from mathematics, statistics, and mathematical computer science courses at the 200 level or higher, with the exception of MATH 218. At least 6 hours must be at the 400 level, excluding MATH 496, MCS 496, and STAT 496. See the Math advising guides for suggested elective options: Pure Mathematics, Applied Mathematics, Computational and Industrial Mathematics, and Probability and Statistics*.

Note: The requirement of two additional courses taken from any General Education category is satisfied by MATH 180 and MATH 181.

BS with a Major in Statistics

Program Codes:
20FT0329BS

The Bachelor of Science with a Major in Statistics is intended for students planning advanced study in statistics or for a career in the data-oriented applications of these disciplines to a wide variety of areas such as accounting, actuarial science, auditing, biostatistics, data management, financial analysis, hospital administration, long-range developmental planning, pharmaceuticals, traffic controls, and transportation management.

Majors in Statistics must complete a concentration in either Statistical Theory and Methods or Applied Statistics.

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The degree requirements for Department of Mathematics, Statistics, and Computer Science degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		39
General Education and Electives to reach Minimum Total Hours		81
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
MATH 180	Calculus I [a,b]	4
MATH 181	Calculus II [b]	4
MATH 210	Calculus III [b]	3
MATH 300	Writing for Mathematics [c]	1
STAT 381	Applied Statistical Methods I	3
STAT 382	Statistical Methods and Computing	3
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 401	Introduction to Probability	3
STAT 481	Applied Statistical Methods II	3
In addition, students must choose one of the following concentrations:		12
Concentration I—Statistical Theory and Methods		
MATH 215	Introduction to Advanced Mathematics	
MATH 218	Applied Linear Algebra	
MATH 313	Analysis I	
One 400-level statistics course		
Concentration II—Applied Statistics		
Four courses in an area or topic of student interest, chosen in consultation with an advisor. The courses may be in any area outside the MSCS department that can utilize statistical methods. At least two courses must be at the 200 level or above.		
Total Hours		**39**

a *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*

b *This course is approved for the Analyzing the Natural World (nonlaboratory) General Education category.*

c *MATH 300 fulfills the Writing-in-the-Discipline requirement.*

Recommended Plan of Study (Concentration I—Statistical Theory and Methods)

Students who do not place into MATH 180 should expect to take summer session courses and possibly take longer than four years to graduate. Students who have taken AP exams in calculus or computer science need to see a departmental advisor for correct placement.

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I [a]	4
Foreign Language		4
General Education Requirement course		3-5
	Hours	**14-16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
Foreign Language		4
General Education Requirement course		3-5
	Hours	**14-16**
Second Year		
Fall Semester		
MATH 210	Calculus III	3
MATH 215	Introduction to Advanced Mathematics	3
Foreign Language		4
General Education Requirement course		3
Elective		3
	Hours	**16**
Spring Semester		
MATH 218	Applied Linear Algebra	3
STAT 381	Applied Statistical Methods I	3
Foreign Language		4
General Education Requirement course		3-5
	Hours	**13-15**
Third Year		
Fall Semester		
STAT 382	Statistical Methods and Computing	3
STAT 401	Introduction to Probability	3
General Education Requirement course		3
Elective		3
Elective		3
	Hours	**15**
Spring Semester		
STAT 385	Elementary Statistical Techniques for Machine Learning and Big Data	3
STAT 481	Applied Statistical Methods II	3
MATH 300	Writing for Mathematics	1
General Education Requirement course		3
General Education Requirement course/Elective		3
Elective		3
	Hours	**16**
Fourth Year		
Fall Semester		
MATH 313	Analysis I	3
Electives		12
	Hours	**15**
Spring Semester		
STAT Elective [b]		3
Electives		12
	Hours	**15**
	Total Hours	**120**

a *By placement MATH 180 satisfies the LAS Quantitative Reasoning requirement with a grade of C or better.*

b *Any 400-level course in the STAT rubric.*

Note: The requirement of two additional courses taken from any general education category is satisfied by MATH 180 and MATH 181.

BS in the Teaching of Mathematics

Program Codes:
20FT0290BS

Degree Requirements

To earn a Bachelor of Science in the Teaching of Mathematics degree from UIC, students must complete university, college, and department degree requirements. The Department of Mathematics, Statistics, and Computer Science degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
Additional Requirements for Teacher Licensure		34
General Education and Electives to reach minimum Total Hours		53
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for a list of courses to meet this requirement.

Major Requirements

Code	Title	Hours
Required Courses		
MATH 180	Calculus I [a,b]	4
MATH 181	Calculus II [a]	4
MATH 210	Calculus III [a]	3
MATH 215	Introduction to Advanced Mathematics	3
MATH 300	Writing for Mathematics [c]	1
MTHT 411	Advanced Euclidean Geometry	3
MTHT 430	Real Analysis for Teachers I	3
or MATH 313	Analysis I	
MATH 218	Applied Linear Algebra	3
or MATH 320	Linear Algebra I	
MATH 330	Abstract Algebra I	3
or MTHT 435	Abstract Algebra	

MTHT 420	Computers in Secondary School Mathematics	3
or STAT 381	Applied Statistical Methods I	
One additional elective course in MATH, MTHT, or STAT.		3
Total Hours		**33**

a *This course is approved for the Analyzing the Natural World General Education category.*
b *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*
c *MATH 300 fulfills the Writing-in-the-Discipline requirement.*

Additional Requirements for Teacher Licensure

Code	Title	Hours
Required Courses		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
CI 414	Middle and High School Literacy	3
SPED 410	Exceptional Learners	3
MTHT 400	Methods of Teaching Secondary Mathematics I	3
MTHT 401	Methods of Teaching Secondary Mathematics II	3
MTHT 438	Educational Practice with Seminar I	6
MTHT 439	Educational Practice with Seminar II	6
Total Hours		**34**

Students in the Teacher Education in Mathematics curriculum must have a GPA of at least 2.50/4.00 in all mathematics courses (MATH, MCS, MTHT, or STAT) beginning with all calculus (excluding MTHT 400 and MTHT 401) to be recommended for student teaching (MTHT 438 and MTHT 439). The candidate must also maintain a minimum cumulative GPA of 2.50/4.00 and a minimum GPA of 3.00/4.00 in education courses. Students must receive a grade of C or higher in all professional education and content-area coursework required for licensure and endorsement.

The teaching license is not automatically awarded upon successful completion of licensure and degree requirements. Before the license is issued, the candidate must file an application for the Illinois teaching license with the Council on Teacher Education. The candidate must also pass a series of examinations required by the Illinois State Board of Education. The Content Area Test must be passed before the candidate is allowed to student teach. For information on application procedures, contact the Council on Teacher Education located at 412 S. Peoria, Suite 634. See the Council on Teacher Education (p. 491) section of the catalog. For detailed information concerning degree and state teacher licensure requirements, see the Program Guide for Teacher Education in Mathematics, available from the secondary education coordinator of the Office of Mathematics and Computer Education.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
Declare Secondary Education Curriculum		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
Take General Education/Curriculum Courses		16-18
(Meet with Program Advisor) [b]		
	Hours	**16-18**
Second Year		
Fall Semester		
Take General Education/Curriculum courses		16-18
	Hours	**16-18**
Spring Semester		
ED 200	Education Policy Foundations	3
ED 210	Principles of Learning and Instruction Across the Lifespan	3
Complete Application to Candidacy [c]		
Take General Education/Curriculum courses		10-12
	Hours	**16-18**
Third Year		
Fall Semester		
SPED 410	Exceptional Learners	3
CI 414	Middle and High School Literacy (after admission to candidacy) [d]	3
Complete Application to Candidacy [c]		
Take General Education/Curriculum courses		10-12
	Hours	**16-18**
Spring Semester		
Request Enrollment Approval for:		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom (March 15) [d]	
Complete Application to Student Teach [c]		
Take Content Area Test by deadline [a,c]		
Complete General Education/Curriculum courses		16-18
	Hours	**16-18**
Fourth Year		
Fall Semester		
ED 425	Curriculum, Instruction, and Assessment in the Urban Secondary Classroom	4
Complete General Education/Curriculum courses		8
	Hours	**12**
Spring Semester		
File Intent to Graduate Form (No later than the 3rd week of the semester in which you plan to graduate)		
Complete Student Teaching		12
Complete Entitlement Application		
	Hours	**12**
	Total Hours	**120**

a http://www.il.nesinc.com
b *https://las.uic.edu/advising/major-minor-advising*
c *Consult program advisor or CTE website for deadline*
d *Only for Teaching of History and Mathematics*

Secondary and Foreign Language Education Information

Declaration of Teaching Curriculum

When: As soon as a student decides to pursue licensure as a secondary or foreign language teacher, the student should declare the appropriate curriculum in the host department.

Prerequisites

To declare the Teaching of Mathematics curriculum, students need a B or better in MATH 180 or a cumulative math GPA of 2.50 or higher in all courses from MATH 180 and up. There are specific GPA requirements to remain in good standing and remain eligible for candidacy in each of the programs.

Timeline

Most "Teaching of…" curriculum students enrolled full-time should be able to complete their undergraduate coursework and licensure requirements in four years, if they declare within their first four semesters. If a student does not make this decision until their junior year (5th semester or later), pursuit of the curriculum and teaching licensure will result in an extended undergraduate career. Model plans are available for transfer students and those beginning at UIC and declaring early; these are only to serve as an example for students considering the curriculum. Students should meet with the advisor in their department for personalized recommendations and timelines.

Education Courses

All Secondary Education curriculum students must take the following Education courses: ED 200, ED 210, SPED 410, and ED 425. Teaching of History and Math must also take CI 414. Students should meet with their department advisors to determine appropriate course sequence. Non-Education students may only take limited 100-level Education courses.

Curriculum vs. Licensure

Simply completing the requirements for a "Teaching of…" curriculum, does not guarantee licensure. Students should be completing licensure requirements in conjunction with meeting curriculum and college graduation requirements. There are several steps in the licensure process, so it is imperative that a student meet with their program advisor to remain on track.

Council on Teacher Education (CTE)
cte.uic.edu
Contact: (312) 355-0714
412 S. Peoria, Suite 634, MC 134
Hours: 8:30 a.m. - 5:00 p.m. Monday-Friday

"The Council on Teacher Education oversees and supports all professional education programs. The Council is responsible for the coordination of professional education curricula and serves as a liaison between the University of Illinois Chicago and the Illinois State Board of Education. In addition, the Council serves as a liaison between the university and school service personnel. The Council on Teacher Education was established by the University of Illinois' Board of Trustees in 1943-44 to formulate policies and programs of student selection, retention, guidance, preparation, and placement in elementary and secondary schools. The Council was created in conformity with educational policies established by the campus Senate (Mission and History, CTE website)." Students will be in close contact with the Council on Teacher Education for all levels of the licensure process. Prospective students can also find additional information on their website (listed above) and in the Teacher Education Handbook for Secondary and Foreign Language.

BS with a Major in Mathematics and Computer Science

Program Codes:
20FT5897BS

The Bachelor of Science with a Major in Mathematics and Computer Science is designed for students who seek careers in computer science and/or computer related fields requiring a strong mathematical background. The program is flexible and provides the students with a well-rounded education. Students pursuing the major in Mathematics and Computer Science must complete either the Concentration in Algorithms and Theory or the Concentration in Computational Mathematics.

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Mathematics, Statistics, and Computer Science degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		38-39
General Education and Electives to reach Minimum Total Hours		81-82
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section of the catalog for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
MATH 180	Calculus I [a,b]	4
MATH 181	Calculus II [a]	4
MATH 210	Calculus III [a]	3
MATH 215	Introduction to Advanced Mathematics	3
MCS 160	Introduction to Computer Science [a]	4
MCS 275	Programming Tools and File Management	4
MATH 300	Writing for Mathematics [c]	1
Select one of the following:		3
MATH 218	Applied Linear Algebra	
MATH 320	Linear Algebra I	
Select one of the following:		3-4
MCS 320	Introduction to Symbolic Computation [d]	
MCS 360	Introduction to Data Structures [e]	

In addition, students must complete one of the following concentrations:		9
Concentration in Algorithms and Theory		
MCS 401	Computer Algorithms I	
Select two of the following:		
MCS 421	Combinatorics	
MCS 423	Graph Theory	
MCS 425	Codes and Cryptography	
MCS 441	Theory of Computation I	
MCS 481	Computational Geometry	
Concentration in Computational Mathematics		
MCS 471	Numerical Analysis	
Select two of the following:		
MCS 472	Introduction to Industrial Math and Computation	
MCS 481	Computational Geometry	
MATH 419	Models in Applied Mathematics	
MATH 480	Applied Differential Equations	
MATH 481	Applied Partial Differential Equations	
STAT 451	Computational Statistics	
STAT 471	Linear and Non-Linear Programming	
Total Hours		**38-39**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *MATH 180 also fulfills the LAS Quantitative Reasoning requirement.*

c *MATH 300 fulfills the LAS Writing-in-the-Discipline requirement.*

d *MCS 320 is recommended for students who plan to pursue the Concentration in Computational Mathematics.*

e *MCS 360 is recommended for students who plan to pursue the Concentration in Algorithms and Theory.*

Recommended Plan of Study

Students who do not place into MATH 180 should expect to take summer session courses and possibly take longer than four years to graduate. Students who have taken AP exams in calculus or computer science need to see a departmental advisor for correct placement.

Course	Title	Hours
First Year		
Fall Semester		
MATH 180	Calculus I	4
Foreign Language		4
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
General Education Core course		3-4
	Hours	**14-15**
Spring Semester		
MATH 181	Calculus II	4
MCS 160	Introduction to Computer Science	4
Foreign Language		4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
	Hours	**15**
Second Year		
Fall Semester		
MATH 210	Calculus III	3
MATH 215	Introduction to Advanced Mathematics	3
Foreign Language		4
General Education Requirement course		3-5
Elective		3
	Hours	**16-18**
Spring Semester		
MATH 218 or MATH 320	Applied Linear Algebra or Linear Algebra I	3
MCS 275	Programming Tools and File Management	4
General Education Requirement course		3-5
Foreign Language		4
	Hours	**14-16**
Third Year		
Fall Semester		
MCS 320 or MCS 360	Introduction to Symbolic Computation or Introduction to Data Structures	3-4
MATH 300	Writing for Mathematics	1
General Education Requirement course		3-4
General Education Requirement course		3
Electives		6
	Hours	**16-18**
Spring Semester		
Electives		6
MCS 401 or MCS 471	Computer Algorithms I or Numerical Analysis	3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**15**
Fourth Year		
Fall Semester		
MATH, MCS, or STAT selective in concentration		3
Electives		12
	Hours	**15**
Spring Semester		
MATH, MCS, or STAT selective in concentration		3
Electives		12
	Hours	**15**
	Total Hours	**120**

Elective Course Suggestions for MCS Majors

A minor is strongly recommended in: physics, chemistry, biology, economics, or from the College of Engineering, except computer science.

Minor in Mathematics

Requirements for the Minor

Students from other disciplines who want to minor in Mathematics must complete 20 semester hours distributed as follows:

Code	Title	Hours
Required Courses		
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MATH 210	Calculus III	3
MATH, MCS, or STAT electives at the 200, 300, or 400 level (with one in the MATH rubric)		9
Total Hours		**20**

Note: In order to earn the Minor in Mathematics, students in the College of Engineering are expected by their college to complete

additional coursework. More information is available on the Department of Mathematics, Statistics, and Computer Science website.

Minor in Mathematics and Computer Science

Requirements for the Minor

Students from other disciplines who want to minor in mathematics and computer science must complete 22 semester hours distributed as follows:

Code	Title	Hours
Required Courses		
MATH 180	Calculus I	4
MATH 181	Calculus II	4
MCS 160	Introduction to Computer Science	4
MCS 275	Programming Tools and File Management	4
Two MCS courses at the 300 or 400 level		6
Total Hours		**22**

Moving Image Arts

Contact Information:
Campus Location: 1722 University Hall (UH)
(312) 996-5218
movi.uic.edu

Administration:
Administration: Sara Hall, sahall@uic.edu

Minor in Moving Image Arts

The College of Liberal Arts and Sciences and the College of Architecture, Design, and the Arts offer a minor in Moving Image Arts for undergraduate students. The minor is an academic option for students who wish to complement their major with focused knowledge in the studies and practices of film, video, and new media. Students receive instruction in media history, aesthetics, theory, and technique. They engage in inquiries into how film, television, video, and digital media develop and are received in varied cultural, historical, social, economic, and technological contexts.

Minor

- Minor in Moving Image Arts (p. 402)

Minor in Moving Image Arts

Requirements for the Minor

Students wishing to minor in Moving Image Arts must complete 18–20 semester hours, in consultation with a faculty advisor from the Moving Image Arts Committee, as outlined below:

Code	Title	Hours
Required Courses		
Select one of the following:		3-4
MOVI/ENGL 131	Understanding Moving Image Arts	
MOVI/ENGL 132	Understanding Film	
ART 170	Introduction to Filmmaking	
Select two of the following:		6
MOVI/COMM 200	Communication Technologies	
MOVI/AH/ENGL 232	History of Film I: 1890 to World War II	
MOVI/AH/ENGL 233	History of Film II: World War II to the Present	
MOVI/ENGL 331	Studies in the Moving Image [a]	3
Two elective courses in Moving Image Arts (MOVI) or chosen from the approved list of non-MOVI courses below		6-7
Total Hours		**18-20**

a *ENGL 331/MOVI 331has a prerequisite of ENGL 132/MOVI 132 or consent of the instructor.*

Courses Approved for the Minor in Moving Image Arts

In addition to any MOVI course, the following courses are preapproved for a minor in Moving Image Arts. Other courses may count upon approval of the Moving Image Arts advisor

Code	Title	Hours
Art		
ART 170	Introduction to Filmmaking	4
Art History		
AH 432	Topics in Film and Video	3
AH/ENGL/GWS 449	Women and Film	3
Communication		
COMM 103	Media Literacy	3
COMM 330	Mass Media and Popular Culture	3
French		
FR 440	Topics in French and Francophone Cinema	3
Germanic Studies		
GER 217	Introduction to German Cinema	4
Philosophy		
PHIL 234	Philosophy and Film	3
Polish		
POL 150	Introduction to Polish Cinema	3
Russian		
RUSS 150	Introduction to Russian Cinema	3

Neuroscience

Contact Information:
Campus Location: 4272 Science and Engineering South (SES)
(312) 996-2211
lin.uic.edu

Administration:
Director of Undergraduate Studies: Janet Richmond
Biological Sciences and Neuroscience Advising Office, 3272 SES, (312) 996-2211

The Bachelor of Science in Neuroscience is awarded by the College of Liberal Arts and Sciences to students who successfully complete

the curriculum. It is a joint program sponsored by the Departments of Biological Sciences and Psychology with the support of Laboratory of Integrative Neuroscience (LIN) faculty from the Departments of Chemistry and Philosophy. Students are advised by the Department of Biological Sciences.

The curriculum is ideal for students interested in graduate school, medicine, or behavioral sciences.

Admission Requirements

A student must have a cumulative grade point average of 3.00/4.00 and have completed either BIOS 286 or PSCH 262 .

Distinction

Distinction in Neuroscience

Awarded at the time of graduation to those students who demonstrate exceptional performance. Distinction in Neuroscience is awarded to students with a minimum of 3.70 cumulative grade point average in the curriculum and to students who achieve a minimum 3.40 grade point average and also successfully complete an independent research project in BIOS 399, CHEM 499, PHIL 399, or PSCH 399.

Highest Distinction in Neuroscience

Awarded to students who have a minimum 3.70 grade point average in the neuroscience curriculum and also successfully complete a BIOS 399, CHEM 499, PHIL 399, or PSCH 399 (research) level course in their area of concentration.

Degree Program

- BS in Neuroscience (p. 403)

BS in Neuroscience

Program Codes:
20FT0323BS

Degree Requirements

To earn a Bachelor of Science in Neuroscience degree from UIC, students must complete university, college, and department degree requirements. The curriculum requires a minimum of 120 semester hours as distributed below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Requirements for the Curriculum		120
Total Hours		**120**

Requirements for the Curriculum

The requirements for the curriculum include the courses necessary to complete the General Education and Writing-in-the-Discipline requirements described in the College of Liberal Arts and Sciences (p. 304) section.

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign language (the equivalent of two years of a single language at the college level)		0-16
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Past course [a]		3
Understanding U.S. Society course [a]		3
PSCH 100	Introduction to Psychology [b]	4
MATH 170	Calculus for the Life Sciences [c,d]	4
or MATH 180	Calculus I	
BIOS 110	Biology of Cells and Organisms [c]	4
BIOS 120	Biology of Populations and Communities [c]	4
BIOS 220	Genetics	3
BIOS 222	Cell Biology	3
Select one of the following sequences in general chemistry:		10
CHEM 116	Honors and Majors General and Analytical Chemistry I [c]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [c]	
OR		
CHEM 122	Matter and Energy [e]	
CHEM 123	Foundations of Chemical Inquiry I [c,e]	
CHEM 124	Chemical Dynamics [e]	
CHEM 125	Foundations of Chemical Inquiry II [c,e]	
CHEM 230	Organic Chemistry of Biological Systems	3-4
or CHEM 232	Structure and Function	
CHEM 233	Synthesis Techniques Laboratory	2
PHIL 202	Philosophy of Psychology [f]	3
PSCH 242	Introduction to Research in Psychology	4
PSCH 343	Statistical Methods in Behavioral Science	4
BIOS/PHIL/PSCH 484	Neuroscience I	3
BIOS/PHIL/PSCH 485	Neuroscience II	3
BIOS 286	The Biology of the Brain	3
or PSCH 262	Behavioral Neuroscience	
Select one of the following:		3
PHIL 201	Theory of Knowledge	
PHIL 203	Metaphysics	
PHIL 204	Introduction to the Philosophy of Science	
PHIL 206	Introduction to the Philosophy of Language	
PHIL 403	Metaphysics	
PHIL 401	Theory of Knowledge	
PHIL 402	Topics in Philosophy of Mind	
PHIL 404	Philosophy of Science	
Select two of the following laboratory courses:		6-8
BIOS 483	Neuroanatomy	
BIOS 486	Animal Behavior and Neuroethology	

BIOS 489	Cellular Neurobiology Laboratory	
PSCH 351	Laboratory in Perception	
PSCH 361	Laboratory in Learning and Conditioning	
PSCH 363	Laboratory in Behavioral Neuroscience	
PSCH 367	Laboratory in Cognitive Neuroscience	
BME 476	Neural Engineering I Laboratory	
BIOS 482	Molecular and Developmental Neurobiology Laboratory	
Select one of the following:		3
PSCH 350	Sensation and Perception	
PSCH 360	Learning and Conditioning	
PSCH 366	Cognitive Neuroscience	
Nine semester hours in advanced-level courses in biological sciences, chemistry, philosophy, psychology, or any physics courses to be chosen in consultation with an academic advisor. [g]		9
Electives to complete degree requirement of 120 hours		5-24
Total Hours		**120**

a *Students should consult the General Education section of the catalog for a list of approved courses in this category.*

b *This course is approved for the Understanding the Individual and Society General Education category.*

c *This course is approved for the Analyzing the Natural World General Education category.*

d *Completion of MATH 121, the prerequisite to MATH 180, or placement into MATH 170 or MATH 180 fulfills the LAS Quantitative Reasoning requirement*

e *General Education credit is given for successful completion of both CHEM 122/CHEM 123 or CHEM 124/CHEM 125.*

f *PHIL 202 fulfills the LAS Writing-in-the-Discipline requirement.*

g *BIOS 386 is also recommended from the biological sciences electives to develop written and oral communication skills.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 170 or MATH 180	Calculus for the Life Sciences [a] or Calculus I	4
Select one of the following:		5
CHEM 116	Honors and Majors General and Analytical Chemistry I	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	
General Education Requirement		3
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Select one of the following:		5
CHEM 118	Honors and Majors General and Analytical Chemistry II	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	
BIOS 110 or BIOS 120	Biology of Cells and Organisms [b] or Biology of Populations and Communities	4
PSCH 100	Introduction to Psychology	4
	Hours	**16**
Second Year		
Fall Semester		
PSCH 242	Introduction to Research in Psychology	4
CHEM 230 or CHEM 232	Organic Chemistry of Biological Systems or Structure and Function	3-4
BIOS 110 or BIOS 120	Biology of Cells and Organisms or Biology of Populations and Communities	4
Foreign Language		4
	Hours	**15-16**
Spring Semester		
CHEM 233	Synthesis Techniques Laboratory	2
BIOS 222	Cell Biology	3
PSCH 262 or BIOS 286	Behavioral Neuroscience or The Biology of the Brain	3
General Education Requirement		3
Foreign Language		4
	Hours	**15**
Third Year		
Fall Semester		
PHIL 202 or PSCH 360	Philosophy of Psychology or Learning and Conditioning	3
BIOS 220	Genetics	3
Advanced-level Elective in BIOS, CHEM, PHIL, or PSCH, or any PHYS		3
General Education Requirement		3
Foreign Language		4
	Hours	**16**
Spring Semester		
PSCH 343	Statistical Methods in Behavioral Science	4
PHIL 202 or PSCH 366	Philosophy of Psychology or Cognitive Neuroscience	3
Foreign Language		4
Advanced level BIOS, CHEM, PHIL, PSCH or any PHYS		3
	Hours	**14**
Fourth Year		
Fall Semester		
BIOS 484 or PSCH 484 or PHIL 484	Neuroscience I or Neuroscience I or Neuroscience I	3
PHIL 201 or PHIL 203 or PHIL 204 or PHIL 401 or PHIL 402 or PHIL 403 or PHIL 404	Theory of Knowledge or Metaphysics or Introduction to the Philosophy of Science or Theory of Knowledge or Topics in Philosophy of Mind or Metaphysics or Philosophy of Science	3
BIOS/PSCH lab		3-4
General Education Requirement		3
Elective		3
	Hours	**15-16**
Spring Semester		
BIOS 485 or PHIL 485 or PSCH 485	Neuroscience II or Neuroscience II or Neuroscience II	3
Advanced level BIOS, CHEM, PHIL, PSCH or any PHYS		3
BIOS/PSCH lab		3-4
Elective		5
	Hours	**14-15**
	Total Hours	**120**

a *MATH 170 or MATH 180, with a grade of C or better, satisfies the Quantitative Reasoning requirement.*

b *The two Analyzing the Natural World and the two additional General Education course requirements can be satisfied with BIOS 110, BIOS 120 and CHEM 122, CHEM 123, CHEM 124, CHEM 125.*

Department of Philosophy

Contact Information:
Campus Location: 1421 University Hall (UH)
(312) 996–3022
phil.uic.edu

Administration:
Chair, Marya Schechtman
Director of Undergraduate Studies, Daniel Sutherland, sutherla@uic.edu

Philosophy (from the Greek “love of wisdom”) originated as the search for understanding concerning the most basic features of reality, the natural world, and human life. The discipline prizes and develops the skill of engaging effectively with arguments on a tremendous range of subjects. In ancient times, philosophers pioneered the study of topics from the physical cosmos to the gods to human conduct. They debated not only the character of fundamental reality but also questions of how we can attain knowledge of it. To this day, philosophy engages with questions drawn from every part of our life and experience. For example: Is there such a thing as a purely objective observation? Am I identical with my brain? Is it ever permissible to break the law? Why is there evil in the world? Is death to be feared, and why?

Job candidates and applicants to professional schools can only be helped by being able to examine both sides of a question, think critically, write cogently, and solve very general abstract problems. Moreover, the powers of reflection, imagination, self-expression, and engagement with the ideas of others that philosophy cultivates are in themselves of fundamental value for human life.

Distinction

Departmental Distinction

Students may declare themselves as candidates for Distinction after completion of 16 hours of philosophy course work. Distinction will be awarded to students who:

1. satisfy the requirements for the Major in Philosophy,
2. complete one 400-level course in addition to courses taken to satisfy requirements of the major, and
3. earn a GPA of 3.70/4.00 in all philosophy courses, including transferred courses.

High Departmental Distinction

In addition to satisfying the requirements for Departmental Distinction, students must satisfactorily complete PHIL 390. To select this option, students must have the approval of both the director of undergraduate studies as well as the professor with whom the student will be writing the thesis.

Degree Program

- BA with a Major in Philosophy (p. 405)
- BS in Computer Science and Philosophy (p. 407)

Minor

- Minor in Philosophy (p. 409)
- Minor in Logic, Argumentation, and Writing (p. 357)

BA with a Major in Philosophy

Program Codes:
20FT0332BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Philosophy degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach minimum Total Hours		87
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements [a]

Of the 33 semester hours required for the major, students must complete at least 12 semester hours at the 400 level. Courses must be distributed across several broad areas as follows:

Code	Title	Hours
Required Courses		
PHIL 102	Introductory Logic [b]	3
PHIL 300	Fundamentals of Philosophical Discourse [c]	3
History of Philosophy		
Select three courses, from at least two different groups:		9
Group 1		
PHIL 220	Ancient Philosophy I: Plato and His Predecessors	
PHIL 221	Ancient Philosophy II: Aristotle and His Successors	
PHIL 222	Philosophy in the Islamic World	
PHIL 422	Studies in Medieval Philosophy	
PHIL 428	Topics in Ancient Philosophy	
Group 2		
PHIL 223	History of Modern Philosophy I: Descartes and His Successors	
PHIL 224	History of Modern Philosophy II: Kant and His Predecessors	
PHIL 423	Studies in Early Modern Philosophy	
PHIL 424	Kant	

Group 3		
PHIL 225	Nineteenth Century Philosophy	
PHIL 226	Twentieth-Century Analytic Philosophy	
PHIL 227	Continental Philosophy I: Phenomenology and Existentialism	
PHIL 425	Studies in Nineteenth-Century Philosophy	
PHIL 426	Analysis and Logical Empiricism	
PHIL 429	Special Studies in the History of Philosophy	
Electives		
Select two of the following:		6
PHIL 201	Theory of Knowledge	
PHIL 202	Philosophy of Psychology	
PHIL 203	Metaphysics	
PHIL 204	Introduction to the Philosophy of Science	
PHIL 206	Introduction to the Philosophy of Language	
PHIL 210	Symbolic Logic	
PHIL 211	Inductive Logic and Decision Making	
PHIL 215	Philosophy of Computing and Machine Learning	
PHIL 226	Twentieth-Century Analytic Philosophy	
PHIL 227	Continental Philosophy I: Phenomenology and Existentialism	
PHIL 240	Philosophy and Revelation: Jewish and Christian Perspectives	
PHIL 241	Philosophy of Religion	
PHIL 401	Theory of Knowledge	
PHIL 402	Topics in Philosophy of Mind	
PHIL 403	Metaphysics	
PHIL 404	Philosophy of Science	
PHIL 406	Topics in Philosophy of Language	
PHIL 410	Introduction to Formal Logic	
PHIL 426	Analysis and Logical Empiricism	
PHIL 427	Continental Philosophy II: European Thought Since 1960	
PHIL 441	Topics in Philosophy of Religion	
Select one of the following:		3
PHIL 230	Topics in Ethics and Political Philosophy	
PHIL 231	Philosophy of Race and Racism	
PHIL 232	Sex Roles: Moral and Political Issues	
PHIL 234	Philosophy and Film	
PHIL 315	Ethics of Computing and Artificial Intelligence	
PHIL 357	Philosophy of Rhetoric	
PHIL 432	Topics in Ethics	
PHIL 433	Topics in Social/Political Philosophy	
Three additional philosophy courses, at least one of which must be above the 100 level		9
Total Hours		**33**

a *A single course may only be counted toward one requirement. For example, PHIL 226 can be applied toward either the history (group 3) requirement or the elective requirement, but not both.*

b *PHIL 102 also fulfills the LAS Quantitative Reasoning requirement.*

c *PHIL 300 also fulfills the Writing-in-the-Discipline requirement.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
General Education Requirement course		4-5
General Education Requirement course		3-5
	Hours	**14-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PHIL 1xx		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
PHIL 102	Introductory Logic [a]	3
PHIL 2xx		3
Foreign Language		3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**15**
Spring Semester		
PHIL 2xx		3
PHIL 2xx		3
Foreign Language		4
General Education Requirement course		5
	Hours	**15**
Third Year		
Fall Semester		
PHIL 300	Fundamentals of Philosophical Discourse [b]	3
PHIL 2xx		3
General Education Requirement course/Elective		3
Electives		6-9
	Hours	**15-18**
Spring Semester		
PHIL 4xx		3
PHIL 4xx		3
General Education Requirement course/Elective		3
Electives		6
	Hours	**15**
Fourth Year		
Fall Semester		
PHIL 4xx		3
Electives		12
	Hours	**15**
Spring Semester		
PHIL 4xx		3

Electives	12
Hours	**15**
Total Hours	**120**

a *Courses are offered every semester: PHIL 102 (satisfies Quantitative Reasoning requirement with a grade of C or better).*
b *PHIL 300 satisfies the Writing-in-the-Discipline requirement.*

Note: Students must earn at least 40 advanced hours at a four-year college or university. These hours may include hours in the major.

Note: The General Education Requirement is nine courses, two laboratory courses from Analyzing the Natural World, one course from each of Understanding the Individual and Society, Understanding the Past, Understanding the Creative Arts , Exploring World Cultures, and Understanding U.S. Society. Two additional courses will be taken from any of these categories. Two Philosophy courses may be used to satisfy two of the nine courses in the General Education Requirement. Consult the catalog for the list.

BS in Computer Science and Philosophy

Program Code: 20FT5679BS

Admissions Requirements

BS in CS and (LAS Discipline) degree programs do not accept direct admits. Students interested in the BS in Computer Science and Philosophy would apply to enter UIC as a pre-major. To be considered for admission to the BS in Computer Science and Philosophy, students must have:

- at least a C in MATH 180;
- at least a C in one of: CS 111, CS 112, CS 113, or MCS 160;
- an average math/science GPA of 2.50/4.00; and
- at least a B in a non-logic, 3-hour, 100-level course in Philosophy (excluding PHIL 102).

In the event that transfer students are admitted to UIC with the pre-major requirements already completed, they will be instructed to discuss next steps with their LAS academic advisor at new student advising.

Degree Requirements

To earn a Bachelor of Science in Computer Science and Philosophy degree from UIC, students need to complete university, college, and department degree requirements. The degree requirements for the BS in Computer Science and Linguistics are outlined below. Students should consult the College of Liberal Arts and Sciences section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Requirements for the Curriculum		120
Total Hours		**120**

Requirements for the Curriculum

The requirements for the curriculum include the courses necessary to complete the General Education and Writing-in-the-Discipline requirements described in the College of Liberal Arts and Sciences section.

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language (the equivalent of two years of a single language at the college level)		0-16
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Individual and Society course [a]		3
Understanding the Past course [a]		3
Understanding U.S. Society course [a]		3
Two Analyzing the Natural World courses (classes with labs only)		8-10
MATH 180	Calculus I [b]	4
MATH 181	Calculus II	4
STAT 381	Applied Statistical Methods I	3
Select one of the following:		3-4
CS 111	Program Design I	
CS 112	Program Design I in the Context of Biological Problems	
CS 113	Program Design I in the Context of Law and Public Policy	
MCS 160	Introduction to Computer Science	
CS 141	Program Design II	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
CS 251	Data Structures	4
Select one of the following:		3
CS 301	Languages and Automata	
MCS 441	Theory of Computation I [c]	
CS 401	Computer Algorithms I	3
Select three of the following:		9-11
CS 261	Machine Organization	
CS 341	Programming Language Design and Implementation	
CS 342	Software Design	
CS 351	Advanced Data Structure Practicum	
CS 361	Systems Programming	
CS 378	Framework-based Software Development for Hand-held Devices	
CS 402	Algorithms in Practice	
CS 407	Economics and Computation	
CS 411	Artificial Intelligence I	
CS 415	Computer Vision I	
CS 418	Introduction to Data Science	
CS 421	Natural Language Processing	
CS 422	User Interface Design and Programming	

CS 424	Visualization and Visual Analytics	
CS 425	Computer Graphics I	
CS 426	Video Game Design and Development	
CS 427	Creative Coding	
CS 428	Virtual, Augmented and Mixed Reality	
CS 453	Introduction to Parallel and Distributed Processing	
CS 474	Object-Oriented Languages and Environments	
CS 475	Object-Oriented Programming	
CS 478	Software Development for Mobile Platforms	
CS 480	Database Systems	
CS 489	Human Augmentics	
One 100-level PHIL course (excluding PHIL 102) [d]		3
PHIL 210	Symbolic Logic	3
PHIL 215	Philosophy of Computing and Machine Learning	3
PHIL 300	Fundamentals of Philosophical Discourse [e]	3
PHIL 315	Ethics of Computing and Artificial Intelligence	3
Three PHIL courses (9 hours) at the 200 level or above, of which:		9
at least to courses (6 hours) must be at the 400 level		
at least one of the following courses in value theory:		
PHIL 230	Topics in Ethics and Political Philosophy	
PHIL 231	Philosophy of Race and Racism	
PHIL 232	Sex Roles: Moral and Political Issues	
PHIL 432	Topics in Ethics	
PHIL 433	Topics in Social/Political Philosophy	
LING 350	Are Algorithms Biased	
Electives		4-25
Total Hours		**120**

a *Students should consult the General Education section of the catalog, particularly the Individual and Society section, for a list of approved courses. Note that PHIL 116 does not satisfy general education requirements.*

b *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*

b *MCS 441 has a prerequisite of MATH 215.*

d *Students are strongly encouraged to satisfy the 100-level PHIL requirement with a course that counts toward General Education.*

e *PHIL 300 fulfills the LAS Writing-in-the-Discipline requirement.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
CS 111 or CS 112 or CS 113 or MCS 160	Program Design I or Program Design I in the Context of Biological Problems or Program Design I in the Context of Law and Public Policy or Introduction to Computer Science	3-4
Understanding the Past course		3
	Hours	**13-14**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
CS 141	Program Design II	3
PHIL 100-level course (excluding PHIL 102) [a]		3
Understanding the Creative Arts course		3
	Hours	**16**
Second Year		
Fall Semester		
STAT 381	Applied Statistical Methods I	3
CS 151	Mathematical Foundations of Computing	3
CS 211	Programming Practicum	3
PHIL 210	Symbolic Logic	3
Foreign Language		4
	Hours	**16**
Spring Semester		
CS 251	Data Structures	4
CS 301	Languages and Automata	3
PHIL 215	Philosophy of Computing and Machine Learning	3
Foreign Language		4
Understanding U.S. Society course		3
	Hours	**17**
Third Year		
Fall Semester		
CS 401	Computer Algorithms I (or CS Selective) [b]	3
PHIL 315	Ethics of Computing and Artificial Intelligence	3
Foreign Language		4
Analyzing the Natural World course (with lab)		4-5
	Hours	**14-15**
Spring Semester		
CS 401	Computer Algorithms I (or CS Selective) [b]	3
PHIL Elective [c]		3
Foreign Language		4
Understanding the Individual and Society course		3
Electives		2-3
	Hours	**15-16**
Fourth Year		
Fall Semester		
PHIL 300	Fundamentals of Philosophical Discourse	3
CS Selective [b]		3
PHIL Elective [c]		3
Analyzing the Natural World course (with lab)		4-5
	Hours	**13-14**
Spring Semester		
PHIL Elective [c]		3
CS Selective [b]		3
Exploring World Cultures course		3
Electives		6
	Hours	**15**
	Total Hours	**120**

a *Students are strongly encouraged to select a 100-level PHIL course that satisfies a General Education requirement. Students should consult the General Education section of the catalog, particularly the*

Individual and Society section, for a list of approved courses. Note that PHIL 116 does not satisfy any General Education requirements.

b *See Required Courses section for CS courses that satisfy this requirement.*

c *PHIL electives must be at the 200 level or above, including at least two courses (6 credits) at the 400 level. One elective course in value theory must be chosen from: PHIL 221, PHIL 230, PHIL 232, PHIL 357, PHIL 432, PHIL 433, LING 350.*

Minor in Philosophy

Requirements for the Minor

Students from other disciplines who want to minor in Philosophy must complete 15 semester hours in Philosophy courses. No more than two courses (6 hours) can be at the 100 level, and at least one course (3 hours) must be at the 400 level.

PHIL 184, PHIL 484, and PHIL 485 cannot count toward the Minor in Philosophy.

Students are advised to speak to an advisor or member of the department to craft an appropriate set of courses to best complement other areas of study.

Department of Physics

Contact Information:
Campus Location: 2236 Science and Engineering South (SES)
(312) 996–3400
http://phys.uic.edu

Administration:
Head, Prof. Robert F. Klie, physhead@uic.edu

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The fundamental goal of the science of physics is to develop a basic and comprehensive understanding and description of all forms of matter and energy. This goal is pursued through experimental and theoretical investigations, with experimental results pointing the way toward possible new theories and tentative theories suggesting new experiments. Physics occupies a middle ground between mathematics and engineering, using the techniques of the former and providing new ideas and materials (structures and properties) to the latter.

The Department of Physics offers the Bachelor of Science in Physics (Curriculum in Physics) and the Bachelor of Arts in Liberal Arts and Sciences with a Major in Physics.

The Physics major who continues on to a PhD or who combines a physics background with an advanced degree in engineering or another science, or with an MBA, will find many positions available in industry. The Physics major who obtains a PhD will qualify in many cases for a faculty position in engineering as well as physics.

In addition to the Physics majors, the department also offers a Minor in Physics. The minor in physics is an attractive option for students in the math, chemistry, biology, pre-health, and engineering programs.

Also, the department offers coursework leading to the Minor in Biological Physics. The minor is aimed at students who seek exposure to advanced techniques and concepts of the physical sciences as applied to biology. This minor will serve as a foundation for careers and graduate study at the interface of the physical and biological sciences.

Distinction

Departmental Distinction

Distinction in physics is awarded to students who achieve college honors and an overall minimum GPA of 3.50/4.00 in upper-division physics (400-level) and mathematics (300-level and above) courses.

Students who qualify for departmental distinction are recommended for high or highest distinction on the basis of grade point average and/or high performance in PHYS 391 or PHYS 392, described as follows.

High Distinction

A minimum overall GPA of 3.70/4.00 in upper-division physics and mathematics courses or a minimum overall GPA of 3.50/4.00 in upper-division physics and mathematics courses and high performance in PHYS 391 or PHYS 392, as judged by the instructor of the course.

Highest Distinction

A minimum overall GPA of 3.80/4.00 in upper-division physics and mathematics courses or a minimum overall GPA of 3.70/4.00 in upper-division physics and mathematics courses and high performance in PHYS 391 or PHYS 392, as judged by the instructor of the course.

Degree Programs

- BA with a Major in Physics (p. 409)
- BS in Physics (p. 411)

Minors

- Minor in Biological Physics
- Minor in Physics (p. 412)

BA with a Major in Physics

Program Codes:
20FT0240BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Physics degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Required Prerequisite and Collateral Courses		24
Major Requirements		40
General Education and Electives to reach minimum Total Hours		56
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements. Students should consult the course lists below and their advisors to determine which courses may be counted toward the General Education and Writing-in-the-Discipline requirements.

Required Prerequisite and Collateral Courses

Code	Title	Hours
Required Courses		
MATH 180	Calculus I [a,b]	4
MATH 181	Calculus II [a]	4
MATH 210	Calculus III [a]	3
MATH 220	Introduction to Differential Equations	3
CHEM 122	Matter and Energy [c]	3
CHEM 123	Foundations of Chemical Inquiry I [a,c]	2
CHEM 124	Chemical Dynamics [c]	3
CHEM 125	Foundations of Chemical Inquiry II [a,c]	2
Total Hours		**24**

a *This course is approved for the Analyzing the Natural World General Education category.*

b *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*

c *General Education credit is given for successful completion of both CHEM 122 and CHEM 123 or CHEM 124 and CHEM 125.*

Major Requirements

Code	Title	Hours
Required Courses		
PHYS 141	General Physics I (Mechanics) [a]	4
PHYS 142	General Physics II (Electricity and Magnetism) [a]	4
PHYS 215	Computational and Mathematical Methods for the Physical Sciences	4
PHYS 230	Fundamentals of Relativity	3
PHYS 240	Fundamentals of Modern Quantum Theory	3
PHYS 241	Experiments in Modern Physics	1
PHYS 245	Introduction to Vibrations, Waves, and Thermal Physics	4
PHYS 401	Electromagnetism I	4
PHYS 411	Quantum Mechanics I	4
PHYS 461	Thermal and Statistical Physics	4
PHYS 481	Modern Experimental Physics I [b,d]	4
PHYS 499	Survey of Physics Problems [c,d]	1
Total Hours		**40**

a This course is approved for *the Analyzing the Natural World General Education category*.

b *PHYS 481 fulfills the Writing-in-the-Discipline requirement.*

c *Students must achieve a grade of C or better in PHYS 499.*

d *Concurrent registration in PHYS 481 and PHYS 499 is required.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts [a]	3
MATH 180	Calculus I [b]	4
PHYS 141	General Physics I (Mechanics) [c]	4
Foreign Language		4
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research [a]	3
MATH 181	Calculus II	4
PHYS 142	General Physics II (Electricity and Magnetism) [c]	4
Foreign Language		4
	Hours	**15**
Second Year		
Fall Semester		
MATH 210	Calculus III	3
PHYS 215	Computational and Mathematical Methods for the Physical Sciences	4
PHYS 230	Fundamentals of Relativity	3
Foreign Language		4
	Hours	**14**
Spring Semester		
MATH 220	Introduction to Differential Equations	3
PHYS 240	Fundamentals of Modern Quantum Theory	3
PHYS 241	Experiments in Modern Physics	1
PHYS 245	Introduction to Vibrations, Waves, and Thermal Physics	4
Foreign Language		4
	Hours	**15**
Third Year		
Fall Semester		
PHYS 411	Quantum Mechanics I	4
PHYS 461	Thermal and Statistical Physics	4
CHEM 122	Matter and Energy	3
CHEM 123	Foundations of Chemical Inquiry I [c,f]	2
General Education Requirement course		3
	Hours	**16**
Spring Semester		
CHEM 124	Chemical Dynamics	3
CHEM 125	Foundations of Chemical Inquiry II [c,f]	2
General Education Requirement course		3
Elective [d,e]		4
Elective [e]		3
	Hours	**15**
Fourth Year		
Fall Semester		
PHYS 401	Electromagnetism I	4
PHYS 481 & PHYS 499 or PHYS 461	Modern Experimental Physics I or Thermal and Statistical Physics	5
Elective [e]		3
General Education Requirement course		3
	Hours	**15**
Spring Semester		
Elective [d,e]		3
Elective [d,e]		3
Elective [d,e]		3
General Education Requirement course		3

General Education Requirement course	3
Hours	**15**
Total Hours	**120**

a *Satisfies University Writing Requirement.*
b *Satisfies the LAS Quantitative Reasoning requirement when a grade of C or better is earned.*
c *Is approved for General Education credit as a laboratory course in Analyzing the Natural World.*
d *Among other elective courses, the student is encouraged to consider PHYS 441, then PHYS 402 or PHYS 412.*
e *Elective hours as needed to reach minimum 120 total hours for graduation.*

Note: PHYS 141 and PHYS 142 are offered every semester (including summer session). All other physics courses are offered only in the semester indicated.
Note: Students must earn at least 40 advanced hours at a four-year college or university. These hours may include hours in the major.
Note: The UIC General Education Requirement is nine courses: Two laboratory courses from Analyzing the Natural World, one course from each of Understanding the Individual and Society, Understanding the Past, Understanding the Creative Arts, Exploring World Cultures, and Understanding U.S. Society. The two remaining General Education courses can be taken from any category. For example, taking CHEM 122, CHEM 123, CHEM 124, CHEM 125 and PHYS 141, PHYS 142 fulfills four of nine General Education courses and the Analyzing the Natural World category.

BS in Physics

Program Codes:
20FT0240BS

Degree Requirements

To earn a Bachelor of Science in Physics degree from UIC, students must complete university, college, and department degree requirements. The Department of Physics degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Requirements for the Curriculum		120
Total Hours		**120**

Requirements for the Curriculum

The requirements for the curriculum include the courses necessary to complete the General Education and Writing-in-the-Discipline requirements described in the College of Liberal Arts and Sciences (p. 304) section.

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts [a]	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research [a]	3
Foreign Language (the equivalent of two years of a single language at the college level)		0-16
Exploring World Cultures course [b]		3
Understanding the Creative Arts course [b]		3
Understanding the Individual and Society course [b]		3
Understanding the Past course [b]		3
Understanding U.S. Society course [b]		3
MATH 180	Calculus I [c,d]	4
MATH 181	Calculus II [d]	4
MATH 210	Calculus III [d]	3
MATH 220	Introduction to Differential Equations	3
CHEM 122	Matter and Energy [e]	3
CHEM 123	Foundations of Chemical Inquiry I [d,e]	2
CHEM 124	Chemical Dynamics [e]	3
CHEM 125	Foundations of Chemical Inquiry II [d,e]	2
PHYS 141	General Physics I (Mechanics) [d]	4
PHYS 142	General Physics II (Electricity and Magnetism) [d]	4
PHYS 215	Computational and Mathematical Methods for the Physical Sciences	4
PHYS 230	Fundamentals of Relativity	3
PHYS 240	Fundamentals of Modern Quantum Theory	3
PHYS 241	Experiments in Modern Physics	1
PHYS 245	Introduction to Vibrations, Waves, and Thermal Physics	4
PHYS 401	Electromagnetism I	4
PHYS 411	Quantum Mechanics I	4
PHYS 441	Theoretical Mechanics	4
PHYS 461	Thermal and Statistical Physics	4
PHYS 425	Modern Optics	4
or PHYS 482	Modern Experimental Physics II	
PHYS 402	Electromagnetism II [f]	4
or PHYS 412	Quantum Mechanics II	
PHYS 481	Modern Experimental Physics I [g,i]	4
PHYS 499	Survey of Physics Problems [h,i]	1
Electives		7-23
Total Hours		**120**

a *ENGL 160 and ENGL 161 fulfill the University Writing Requirement.*
b *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*
c *MATH 180 fulfills the LAS Quantitative Reasoning requirement.*
d *This course is approved for the Analyzing the Natural World General Education category.*
e *General Education credit is given for successful completion of both CHEM 122 and CHEM 123 or CHEM 124 and CHEM 125.*
f *Students planning to pursue graduate studies in physics are strongly encouraged to take both of these courses.*
g *PHYS 481 fulfills the LAS Writing-in-the-Discipline requirement.*
h *A grade of C or better is required in PHYS 499.*
i *Concurrent registration in PHYS 481 and PHYS 499 is required.*

Recommended Plan of Study

Physics is a discipline that carefully builds additional knowledge on a foundation of previously learned science and mathematics. To complete the physics curriculum in four years, therefore, requires careful planning, especially because the upper-division courses are offered at most once per year and have prerequisites. A recommended typical course sequence for the BS degree is given below.

Note: Students should consult the General Education (p. 86) section of the catalog for a list of approved courses in each category.

Course	Title	Hours
Freshman Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 180	Calculus I	4
PHYS 141	General Physics I (Mechanics)	4
Foreign Language		4
	Hours	**15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
MATH 181	Calculus II	4
PHYS 142	General Physics II (Electricity and Magnetism)	4
Foreign Language		4
	Hours	**15**
Sophomore Year		
Fall Semester		
MATH 210	Calculus III	3
PHYS 215	Computational and Mathematical Methods for the Physical Sciences	4
PHYS 230	Fundamentals of Relativity	3
Foreign Language		4
	Hours	**14**
Spring Semester		
MATH 220	Introduction to Differential Equations	3
PHYS 240	Fundamentals of Modern Quantum Theory	3
PHYS 241	Experiments in Modern Physics	1
PHYS 245	Introduction to Vibrations, Waves, and Thermal Physics	4
Foreign Language		4
	Hours	**15**
Junior Year		
Fall Semester		
PHYS 411	Quantum Mechanics I	4
Select one of the following:		4-5
PHYS 461	Thermal and Statistical Physics	
PHYS 481 & PHYS 499	Modern Experimental Physics I and Survey of Physics Problems	
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I	5
General Education Core course		3
	Hours	**16-17**
Spring Semester		
PHYS 412	Quantum Mechanics II (or Elective) [a]	4
PHYS 441	Theoretical Mechanics	4
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II	5
General Education Core course		3
	Hours	**16**
Senior Year		
Fall Semester		
PHYS 401	Electromagnetism I	4
Select one of the following:		4-5
PHYS 461	Thermal and Statistical Physics	
PHYS 481 & PHYS 499	Modern Experimental Physics I and Survey of Physics Problems	
General Education Core course		3
General Education Core course		3
	Hours	**14-15**
Spring Semester		
PHYS 402	Electromagnetism II (or Elective) [a]	4
PHYS 425 or PHYS 482	Modern Optics or Modern Experimental Physics II	4
General Education Core course		3
Elective		3
	Hours	**14**
	Total Hours	**120**

a *The BS degree requires PHYS 402 or PHYS 412, but both are recommended for students who plan to go to graduate school in physics.*

Students who are not prepared to begin MATH 180 in their first semester may need to attend summer school or possibly take more than four years to finish their BS degree.

In addition to the degree programs shown above, there is an Engineering Physics program available through the College of Engineering (p. 223).

Minor in Physics

Requirements for the Minor

Students from other disciplines who want to minor in Physics must complete 17 semester hours.

Code	Title	Hours
Required Courses		
Select one of the following sequences:		8
PHYS 141 & PHYS 142	General Physics I (Mechanics) and General Physics II (Electricity and Magnetism)	
OR		
PHYS 131 & PHYS 132	Introductory Physics for Life Sciences I and Introductory Physics for Life Sciences II	
Select additional courses at the 200, 300, or 400 level [a]		9
Recommended courses include the following:		
PHYS 215	Computational and Mathematical Methods for the Physical Sciences	
PHYS 230	Fundamentals of Relativity	
PHYS 240	Fundamentals of Modern Quantum Theory	
PHYS 241	Experiments in Modern Physics	
PHYS 245	Introduction to Vibrations, Waves, and Thermal Physics	
PHYS 392	Physics Research	
Total Hours		**17**

a *No more than a total of 2 hours from among PHYS 391, PHYS 392, PHYS 393, and PHYS 491. Credit for PHYS 469, PHYS 470, PHYS 471, PHYS 475, PHYS 480, and PHYS 494 will not be accepted for the minor.*

Department of Polish, Russian, and Lithuanian Studies

Contact Information:
Campus Location: 1722 University Hall (UH)
(312) 996-5218
prls.uic.edu

Administration:
Head, Julia Vaingurt
Director of Undergraduate Studies, Matthew Kendall, kendallm@uic.edu

The Department of Polish, Russian, and Lithuanian Studies (PRLS) offers language courses in Polish, Russian, and Lithuanian at the elementary, intermediate, and advanced levels. The undergraduate program develops language literacy skills and cultural competency in the regions of study.

Within the Bachelor of Arts with the Major in Central and Eastern European Studies, the department offers concentrations in Polish Studies, Russian Studies, and Central and Eastern European Studies. Minors in Polish Studies, Russian Studies, and Central and Eastern European Studies are also offered.

Students who choose a major or minor in the Department of Polish, Russian, and Lithuanian Studies build and solidify competence in their chosen foreign language—Polish, Russian, or Lithuanian—while deepening their knowledge of the cultures, literatures, history, and intellectual traditions of their chosen region. Department faculty work with all majors and minors to hone skills in critical thinking, academic and professional writing and speaking, and cultural sensitivity—highly sought in today's global marketplace—while introducing them to new developments in literature, film, art and politics in their country or region of concentration, and within diaspora communities in the U.S. PRLS students pursuing careers in the health professions, law, education, social work, criminology, business, and international relations expand their professional options and deepen connections to the community with linguistic and cultural competency skills in Polish, Russian, or Lithuanian

Degree Programs

The Department of Polish, Russian, and Lithuanian Studies (PRLS) offers the degree of BA with a Major in Central and Eastern European Studies. Each student electing the major or double-major will select a concentration in either Polish, Russian, or Central and Eastern European Studies (CEES), and work with an advisor to design a course of study accordingly.

Minors

A minor is offered by PRLS in three separate fields of study:

- Minor in Polish Studies
- Minor in Russian Studies
- Minor in Central and Eastern European Studies

Certificates

Campus Certificates are offered in both Polish and Russian language. Certificates may be earned by students from any college and department within UIC.

Distinction

Departmental Distinction requires a 3.50/4.00 GPA in all department lower-division courses and a 3.75/4.00 GPA in all department upper-division courses taken.

Degree Programs

- BA with a Major in Central and Eastern European Studies—Central and Eastern European Studies Concentration (p. 413)
- BA with a Major in Central and Eastern European Studies—Polish Studies Concentration (p. 415)
- BA with a Major in Central and Eastern European Studies—Russian Studies Concentration (p. 416)

Minors

- Minor in Central and Eastern European Studies (p. 417)
- Minor in Polish Studies (p. 418)
- Minor in Russian Studies (p. 418)

Campus Certificates

- Undergraduate Campus Certificate in Polish Language (p. 418)
- Undergraduate Campus Certificate in Russian Language (p. 418)

BA with a Major in Central and Eastern European Studies—CEES Concentration

Program Codes:
20FT5734BA

Degree Requirements

To earn a Bachelor of Liberal Arts and Sciences degree from UIC, students must complete university, college, and departmental degree requirements. The Department of Polish, Russian, and Lithuanian Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		27
General Education and Electives to reach Minimum Total Hours		93
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
Select one of the following:		4
POL 104	Intermediate Polish II [a]	
RUSS 104	Intermediate Russian II [b]	
LITH 104	Intermediate Lithuanian II	
Note: Students pursuing the Concentration in Central and Eastern European Studies may take POL 104, RUSS 104, or LITH 104.		
Select one of the following: [c,d]		3
CEES 224	Introduction to Literary Analysis of Central Eastern European Texts	
CEES 225	Introduction to Central and Eastern European Cultures	
In addition, students must complete 20 semester hours from the Central and Eastern European Studies Concentration.		20
Total Hours		**27**

a *Native and heritage speakers who place out of POL 104 should register for POL 201. Placing out of POL 104 may qualify a student for up to 8 hours of retroactive credit. Please consult an LAS advisor for eligibility for retroactive credit after completion of POL 201.*

b *Native and heritage speakers who place out of RUSS 104 should register for RUSS 201. Placing out of RUSS 104 may qualify a student for up to 8 hours of retroactive credit. Please consult an LAS advisor for eligibility for retroactive credit after completion of RUSS 201.*

c *CEES 224 and CEES 225 fulfill the LAS Writing-in-the-Discipline requirement. If a student takes both CEES 224 and CEES 225, one of these courses may count toward the 20 semester hours required for the concentration.*

d *When LCSL 250 is taught by a faculty member from the Department of Polish, Russian, and Lithuanian Studies, it may be used to satisfy this requirement instead of CEES 224 or CEES 225. Students should consult with their major advisor with questions about eligible sections of LCSL 250.*

Concentration in Central and Eastern European Studies Requirements

Code	Title	Hours
Required Courses [a]		
20 hours of coursework selected from the following:		20
Any CEES course at the 200, 300, and 400 level [d]		
Any Polish course [b]		
Any Russian course [c]		
HIST/JST 117	Understanding the Holocaust	
HIST 137	Russia in War and Revolution, 1904-1922	
HIST 233	East Central Europe and the Balkans: From Empires to Nation-States	
HIST/POLS 234	The Making of Modern Poland	
HIST 235	The Rise and Fall of Communism in Eastern Europe	
HIST 236	Russia Between Europe and Asia: Eurasian Spaces and Peoples in the Premodern Era	
HIST 237	The Russian Empire in the Modern Period: History, Culture and the Challenges of Diversity	
HIST 238	Russia from Vladimir Lenin to Vladimir Putin	
HIST/RUSS 239	Twentieth-Century Russia in Film	
LITH 115	Lithuanian Culture	
LITH 130	Lithuanian Prose Fiction in International Context	
LITH 221	Lithuanian Literature I	
LITH 222	Lithuanian Literature II	
LITH 230	Lithuanian Literature Abroad	
JST 123	Introduction to Yiddish Culture and Literature	
JST 296	Topics in Jewish Studies	
JST 394	Topics in Jewish Studies	
JST 410	Advanced Studies in Jewish Literature, Art and Culture	
LCSL 391	Internship in Global Studies	
LCSL 392	Internship in Global Engagement and Public Humanities	

a *A maximum of three semester hours in History (including crosslisted courses) may count toward required coursework.*

b *No more than 6 semester hours may be completed at the 100 level, and excluding POL 101, POL 102, POL 103, and POL 104. Polish courses cross-listed with the Department of History and CEES topics courses that focus on Polish Studies may be used to fulfill this requirement with approval of the departmental advisor.*

c *No more than 6 semester hours may be completed at the 100 level, and excluding RUSS 101, RUSS 102, RUSS 103, and RUSS 104. Russian courses cross-listed with the Department of History and CEES topics courses that focus on Russian Studies may be used to fulfill this requirement with approval of the departmental advisor.*

d *A minimum of 9 semester hours must be completed in CEES courses for the concentration in Central and Eastern European Studies.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
POL 101 or RUSS 101 or LITH 101	Elementary Polish I [a] or Elementary Russian I or Elementary Lithuanian I	4
General Education Requirement course		3-5
Quantitative Reasoning course		3-5
	Hours	**13-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
POL 102 or RUSS 102 or LITH 102	Elementary Polish II [a] or Elementary Russian II or Elementary Lithuanian II	4
General Education Requirement course		4-5

General Education Requirement course		3
	Hours	**14-15**
Second Year		
Fall Semester		
POL 103 or RUSS 103 or LITH 103	Intermediate Polish I [a] or Intermediate Russian I or Intermediate Lithuanian I	4
Concentration course		3
General Education Requirement course		3-5
General Education Requirement course		3
Elective		3
	Hours	**16-18**
Spring Semester		
POL 104 or RUSS 104 or LITH 104	Intermediate Polish II or Intermediate Russian II or Intermediate Lithuanian II	4
Concentration course [b]		3
General Education Requirement course		3
General Education Requirement course		3
Elective		3
	Hours	**16**
Third Year		
Fall Semester		
CEES 224 or CEES 225	Introduction to Literary Analysis of Central Eastern European Texts or Introduction to Central and Eastern European Cultures	3
Concentration course		3
General Education Requirement course		3
General Education Requirement course/Elective		3
Elective		3
	Hours	**15**
Spring Semester		
Concentration course		3
General Education Requirement course/Elective		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
Concentration course(s) [b]		3-6
Electives		13
	Hours	**16-19**
Spring Semester		
Concentration course		3
Concentration course		3
Electives		9
	Hours	**15**
	Total Hours	**120**

a *101, 102, and 103 basic language courses do not count toward the major requirements.*

b *CEES 224 and CEES 225 satisfy the Writing-in-the-Discipline requirement.*

BA with a Major in Central & Eastern European Studies—Polish Studies Concentration

Program Codes:
20FT5734BA

Degree Requirements

To earn a Bachelor of Liberal Arts and Sciences degree from UIC, students must complete university, college, and departmental degree requirements. The Department of Polish, Russian, and Lithuanian Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Note: Students who select the Concentration in Polish Studies and have a GPA of 3.00/4.00 or higher are eligible to apply for the Dr. Boles#aw and Krystyna Mazur Scholarships in Undergraduate Polish Studies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		27
General Education and Electives to reach Minimum Total Hours		93
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
POL 104	Intermediate Polish II [a]	4
Select one of the following: [b,c]		3
CEES 224	Introduction to Literary Analysis of Central Eastern European Texts	
CEES 225	Introduction to Central and Eastern European Cultures	
In addition, students must complete 20 semester hours for the concentration in Polish Studies.		20
Total Hours		**27**

a *Native and heritage speakers who place out of POL 104 should register for POL 201. Placing out of 104 may qualify a student for up to 8 hours of retroactive credit. Please consult an LAS advisor for eligibility for retroactive credit after completion of POL 201.*

b CEES 224 *and* CEES 225 *fulfill the LAS Writing-in-the-Discipline requirement. If a student takes multiple courses that satisfy this requirement, the additional course(s) may count toward the 20 semester hours required for the concentration.*

c *When LCSL 250 is taught by a faculty member from the Department of Polish, Russian, and Lithuanian Studies, it may be used to satisfy this requirement instead of CEES 224 or CEES 225. Students should consult with their major advisor with questions about eligible sections of LCSL 250.*

Concentration in Polish Studies

Code	Title	Hours
Required Concentration Courses [a]		
20 hours of coursework in Polish Studies at the 100, 200, 300, or 400 level [b]		20
Recommended Concentration Courses:		

POL 201	Advanced Polish through Media and Film
POL 202	Advanced Polish through Contemporary Culture
POL 203	Advanced Polish through Short Stories

a *A maximum of three semester hours in History (including crosslisted courses) may count toward required coursework.*

b *No more than 6 semester hours may be completed at the 100 level, and excluding* POL 101*,* POL 102*,* POL 103*, and* POL 104*. Polish courses cross-listed with the Department of History and CEES topics courses that focus on Polish Studies may be used to fulfill this requirement with approval of the departmental advisor.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
POL 101	Elementary Polish I [a]	4
General Education Requirement course		3-5
Quantitative Reasoning course		3-5
	Hours	**13-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
POL 102	Elementary Polish II [a]	4
General Education Requirement course		4-5
General Education Requirement course		3
	Hours	**14-15**
Second Year		
Fall Semester		
POL 103	Intermediate Polish I [a]	4
Concentration course		3
General Education Requirement course		3-5
General Education Requirement course		3
Elective		3
	Hours	**16-18**
Spring Semester		
POL 104	Intermediate Polish II	4
Concentration course [b]		3
General Education Requirement course		3
General Education Requirement course		3
Elective		3
	Hours	**16**
Third Year		
Fall Semester		
CEES 224 or CEES 225	Introduction to Literary Analysis of Central Eastern European Texts or Introduction to Central and Eastern European Cultures	3
Concentration course		3
General Education Requirement course		3
General Education Requirement course/Elective		3
Elective		3
	Hours	**15**
Spring Semester		
Concentration course		3
General Education Requirement course/Elective		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
Concentration course(s) [b]		3-6
Electives		13
	Hours	**16-19**
Spring Semester		
Concentration course		3
Concentration course		3
Electives		9
	Hours	**15**
	Total Hours	**120**

a *101, 102, and 103 basic language courses do not count toward the major requirements.*

b CEES 224 *and* CEES 225 *satisfy the Writing-in-the-Discipline requirement.*

BA with a Major in Central & Eastern European Studies—Russian Studies Concentration

Program Codes:
20FT5734BA

Degree Requirements

To earn a Bachelor of Liberal Arts and Sciences degree from UIC, students must complete university, college, and departmental degree requirements. The Department of Polish, Russian, and Lithuanian Studies degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		27
General Education and Electives to reach Minimum Total Hours		93
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
RUSS 104	Intermediate Russian II [a]	4
Select one of the following: [b,c]		3
CEES 224	Introduction to Literary Analysis of Central Eastern European Texts	
CEES 225	Introduction to Central and Eastern European Cultures	
In addition, students must complete 20 semester hours in the Russian Studies concentration.		20
Total Hours		**27**

a *Native and heritage speakers who place out of RUSS 104 should register for RUSS 201. Placing out of 104 may qualify a student for up to 8 hours of retroactive credit. Please consult an LAS advisor for eligibility for retroactive credit after completion of RUSS 201.*

b *CEES 224 and CEES 225 fulfill the LAS Writing-in-the-Discipline requirement. If a student takes multiple courses that satisfy this requirement, the additional course(s) may count toward the 20 semester hours required for the concentration.*

c *When LCSL 250 is taught by a faculty member from the Department of Polish, Russian, and Lithuanian Studies, it may be used to satisfy this requirement instead of CEES 224 or CEES 225. Students should consult with their major advisor with questions about eligible sections of LCSL 250.*

Concentration in Russian Studies Requirements

Code	Title	Hours
Required Courses [a]		**20**
20 hours of coursework in Russian Studies at the 100, 200, 300, or 400 level [b]		
Recommended Courses		
RUSS 201	Advanced Russian through Media and Film	
RUSS 202	Advanced Russian through Contemporary Culture	
RUSS 203	Advanced Russian through Short Stories	

a *A maximum of three semester hours in History (including crosslisted courses) may count toward required coursework.*

b *No more than 6 semester hours may be completed at the 100 level, and excluding RUSS 101, RUSS 102, RUSS 103, and RUSS 104. Russian courses cross-listed with the Department of History and CEES topics courses that focus on Russian Studies may be used to fulfill this requirement with approval of the departmental advisor.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
RUSS 101	Elementary Russian I [a]	4
General Education Requirement course		3-5
Quantitative Reasoning course		3-5
	Hours	**13-17**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
RUSS 102	Elementary Russian II [a]	4
General Education Requirement course		4-5
General Education Requirement course		3
	Hours	**14-15**
Second Year		
Fall Semester		
RUSS 103	Intermediate Russian I [a]	4
Concentration course		3
General Education Requirement course		3-5
General Education Requirement course		3
Elective		3
	Hours	**16-18**
Spring Semester		
RUSS 104	Intermediate Russian II	4
Concentration course [b]		3
General Education Requirement course		3
General Education Requirement course		3
Elective		3
	Hours	**16**
Third Year		
Fall Semester		
CEES 224 or CEES 225	Introduction to Literary Analysis of Central Eastern European Texts or Introduction to Central and Eastern European Cultures	3
Concentration course		3
General Education Requirement course		3
General Education Requirement course/Elective		3
Elective		3
	Hours	**15**
Spring Semester		
Concentration course		3
General Education Requirement course/Elective		3
Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
Concentration course(s) [b]		3-6
Electives		13
	Hours	**16-19**
Spring Semester		
Concentration course		3
Concentration course		3
Electives		9
	Hours	**15**
	Total Hours	**120**

a *101, 102, and 103 basic language courses do not count toward the major requirements.*

b *CEES 224 and CEES 225 satisfy the Writing-in-the-Discipline requirement.*

Minor in Central and Eastern European Studies

Requirements for the Minor

Students from other disciplines who want to minor in Central and Eastern European Studies must complete 12 semester hours, including:

Code	Title	Hours
Required Courses		
CEES 224	Introduction to Literary Analysis of Central Eastern European Texts	3
or CEES 225	Introduction to Central and Eastern European Cultures	

Nine hours of coursework in Central and Eastern European Studies at the 100, 200, 300, or 400 level. A minimum of 6 semester hours must be at the 200 level or above.	9
Total Hours	**12**

Note: Polish courses, Russian courses, Lithuanian courses, and history courses with a focus on Polish Studies, Russian Studies, and Central and East European Jewish Studies may be used to satisfy the 9-semester-hour requirement, as approved by the director of undergraduate studies. No more than 3 hours in courses cross listed with the Department of History may be applied to the minor.

Minor in Polish Studies

Requirements for the Minor

Students from other disciplines who want to minor in Polish Studies must complete 12 semester hours, including:

Code	Title	Hours
Required Courses		
CEES 224	Introduction to Literary Analysis of Central Eastern European Texts	3
or CEES 225	Introduction to Central and Eastern European Cultures	
9 semester hours of coursework in Polish at the 100, 200, 300, or 400 levels, excluding POL 101, POL 102, and POL 103. A minimum of 6 semester hours must be taken at the 200 level or above. [a]		9
Total Hours		**12**

a *POL 104 is recommended. Native and heritage speakers who place out of POL 104 should register for POL 201, POL 202, or POL 203, and may be eligible for up to 8 hours of retroactive credit. Students should consult an LAS advisor for eligibility for retroactive credit once they complete POL 201, POL 202, or POL 203.*

Note: CEES topics courses that focus on Polish or Polish-Jewish Studies may be used to satisfy the 9-semester-hour requirement for the Polish Studies minor with approval from the departmental advisor. No more than 3 hours in courses cross-listed with the Department of History may be applied to the minor.

Note: Students with a Minor in Polish Studies, with a GPA of 3.00 or higher, are eligible to apply for the Dr. Boles#aw and Krystyna Mazur Scholarships in Undergraduate Polish Studies.

Minor in Russian Studies

Requirements for the Minor

Students from other disciplines who want to minor in Russian Studies must complete 12 semester hours, including:

Code	Title	Hours
Required Courses		
CEES 224	Introduction to Literary Analysis of Central Eastern European Texts	3
or CEES 225	Introduction to Central and Eastern European Cultures	
9 hours of course work in Russian at the 100, 200, 300, or 400 levels, excluding RUSS 101, RUSS 102, and RUSS 103. A minimum of 6 semester hours must be at the 200 level or above. [a]		9
Total Hours		**12**

a *RUSS 104 is recommended. Native and heritage speakers who place out of RUSS 104 should register for RUSS 201, RUSS 202, or RUSS 203, and may be eligible for up to 8 hours of retroactive credit. Students should consult an LAS advisor for eligibility for retroactive credit once they complete RUSS 201, RUSS 202, or RUSS 203.*

Note: CEES topics courses that focus on Russian Studies may be used to satisfy the nine-semester-hour requirement for the Russian Studies minor with approval from the departmental advisor. No more than 3 hours in courses cross-listed with the Department of History may be applied to the minor.

Certificate in Polish Language

The Certificate in Polish Language provides undergraduate students interested in developing intermediate to advanced language proficiency in Polish with the opportunity to certify their acquisition of those language skills.

Requirements for the Certificate

Students can satisfy the requirements of the certificate by completing 17 hours in the following courses:

Code	Title	Hours
Required Courses		
POL 103	Intermediate Polish I [a]	4
POL 104	Intermediate Polish II [a]	4
POL 201	Advanced Polish through Media and Film	3
POL 202	Advanced Polish through Contemporary Culture	3
POL 203	Advanced Polish through Short Stories	3
Total Hours		**17**

Undergraduate students in all colleges are eligible to complete the Certificate in Polish Language. Students pursuing the major in Polish, Russian, and Central and Eastern European Studies or minor in Polish Studies may not also pursue the Certificate in Polish Language. The Minor in Central and Eastern European Studies may be completed in addition to the Certificate in Polish Language only if no courses overlap between the two programs.

a *Test (AP/IB), proficiency (Seal of Biliteracy), or retroactive credit for POL 103 and/or POL 104 may be used to satisfy certificate requirements. At least half of the hours required for the certificate must be completed in enrollment residence at UIC.*

Certificate in Russian Language

The Certificate in Russian Language provides undergraduate students interested in developing intermediate to advanced language proficiency in

Russian with the opportunity to certify their acquisition of those language skills.

Requirements for the Certificate

Students can satisfy the requirements of the certificate by completing 17 hours in the following courses:

Code	Title	Hours
Required Courses		
RUSS 103	Intermediate Russian I [a]	4
RUSS 104	Intermediate Russian II [a]	4
RUSS 201	Advanced Russian through Media and Film	3
RUSS 202	Advanced Russian through Contemporary Culture	3
RUSS 203	Advanced Russian through Short Stories	3
Total Hours		**17**

Undergraduate students in all colleges are eligible to complete the Certificate in Russian Language. Students pursuing the major in Polish, Russian, and Central and Eastern European Studies or minor in Russian Studies may not also pursue the Certificate in Russian Language. The Minor in Central and Eastern European Studies may be completed in addition to the Certificate in Russian Language only if no courses overlap between the two programs.

a *Test (AP/IB), proficiency (Seal of Biliteracy), or retroactive credit for RUSS 103 and/or RUSS 104 may be used to satisfy certificate requirements. At least half of the hours required for the certificate must be completed in enrollment residence at UIC.*

Department of Political Science

Contact Information:
Campus Location: 1102 Behavioral Science Building (BSB)
(312) 996–3105
pols@uic.edu
pols.uic.edu

Administration:
Head of the Department: Andreas Feldmann
Director of Undergraduate Studies: Petia Kostadinova

Political science is the systematic study of politics and its connection to human life as a whole. It focuses on the way people are governed and govern themselves in a wide variety of settings—including the state, the workplace, schools, and the family—and the way in which governance in those settings affects their life chances and shapes their sense of self. Students who elect this major examine, among other things, the relationships between law and political institutions, economic and political power, and culture and political identity. They develop the analytical, interpretive, and critical methods necessary to understand these relationships at local, national, regional, or international levels, and thus, to act as responsible citizens at those levels. They also learn to write well. In short, political science is central to a well-rounded liberal arts education.

Political science also provides excellent preparation for careers in law, government, teaching, journalism, business, and the nonprofit sector.

In addition to the BA with a Major in Political Science program, the department offers three concentrations: the Concentration in International Politics, the Concentration in Law and Courts, and the Concentration in Urban Politics.

Distinction

To be considered for graduation with Distinction in Political Science, a student must have a minimum cumulative UIC GPA of 3.25/4.00 and a minimum GPA of 3.50/4.00 in all political science courses. The student must enroll in POLS 305, for 3 semester hours in each of the last two semesters of the student's senior year. Over the course of enrollment in POLS 305, students must write a research project and present and defend it to a faculty examining committee.

Degree Programs

- BA with a Major in Political Science (p. 419)
- BA with a Major in Political Science, Concentration in International Politics
- BA with a Major in Political Science, Concentration in Law and Courts (p. 421)
- BA with a Major in Political Science, Concentration in Urban Politics (p. 422)

Minors

- Minor in International Politics
- Minor in Political Science (p. 423)

BA with a Major in Political Science

Program Codes:
20FT0343BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Political Science degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach minimum Total Hours		87
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
POLS 101	Introduction to American Government and Politics [a,b]	3
POLS 200	Methods of Political Science	3
Select two of the following: [c]		6
POLS 120	Introduction to Political Theory	
POLS 130	Introduction to Comparative Politics	
POLS 184	Introduction to International Relations	
Select one of the following: [d]		3
POLS 329	Seminar on American Politics	
POLS 349	Topics in Comparative Politics	
POLS 389	Seminar: Topics in International Relations	
POLS 399	Seminar in Political Theory	
Four additional political science courses at the 200 level (or above). [e]		12
Two additional political science courses at the 300 level (or above), only one of which may be POLS 301 or POLS 303. [e]		6
Total Hours		**33**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category.*

c *Students should consult the* General Education *(p. 86) section of the catalog to determine if any of these courses are approved General Education courses.*

d *Any of these courses may be used to fulfill the Writing-in-the-Discipline requirement.*

e *Not including POLS 305. A course must be at least 3 hours to count as an elective.*

Transfer courses in political science must have grades of C or better to count toward the major or minor.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
POLS 101	Introduction to American Government and Politics [a]	3
Foreign Language		4
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
POLS 120 or POLS 130 or POLS 184	Introduction to Political Theory [a] or Introduction to Comparative Politics or Introduction to International Relations	3
General Education Requirement course		3
General Education Requirement course		3-5
Foreign Language		4
	Hours	**16-18**
Second Year		
Fall Semester		
POLS 120 or POLS 130 or POLS 184	Introduction to Political Theory [a] or Introduction to Comparative Politics or Introduction to International Relations	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Spring Semester		
POLS 200	Methods of Political Science	3
POLS 2xx, 3xx, or 4xx [c]		3
POLS 2xx [c]		3
General Education Requirement course		3-5
Foreign Language		4
	Hours	**16-18**
Third Year		
Fall Semester		
POLS 2xx, 3xx, or 4xx [c]		3
POLS 2xx [c]		3
POLS 201	Political Data Analysis (or Quantitative Reasoning course) [b]	3
Electives		6
	Hours	**15**
Spring Semester		
POLS 3xx or 4xx [c,d]		3
Electives		12
	Hours	**15**
Fourth Year		
Fall Semester		
POLS 3xx or 4xx [c,d]		3
Select one of the following in either the fall or spring semesters: [e]		0-3
POLS 329	Seminar on American Politics	
POLS 349	Topics in Comparative Politics	
POLS 389	Seminar: Topics in International Relations	
POLS 399	Seminar in Political Theory	
Electives		12
	Hours	**15-18**
Spring Semester		
Select one of the following in either the fall or spring semesters: [e]		0-3
POLS 329	Seminar on American Politics	
POLS 349	Topics in Comparative Politics	
POLS 389	Seminar: Topics in International Relations	
POLS 399	Seminar in Political Theory	
Electives		14-15
	Hours	**14-18**
	Total Hours	**120**

a *POLS 101 and POLS 120 may be used to satisfy two of the nine courses in the General Education Requirement.*

b *Satisfies Quantitative Reasoning (with a grade of C or better) but is not required for the major. To be eligible, you must first satisfy the math prerequisite.*

c *Not including POLS 305. A course must be at least 3 hours to count as an elective.*

d *Only one of these two may be POLS 301 or POLS 303.*

e *Any of these courses may be used to fulfill the Writing-in-the-Discipline requirement. May be taken fall or spring semester.*

BA with a Major in Political Science, Concentration in Law and Courts

Program Codes:
20FT0343BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Political Science degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach minimum Total Hours		87
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
POLS 101	Introduction to American Government and Politics [a,b]	3
POLS 200	Methods of Political Science	3
Select two of the following: [c]		6
POLS 120	Introduction to Political Theory	
POLS 130	Introduction to Comparative Politics	
POLS 184	Introduction to International Relations	
Select one of the following: [d]		3
POLS 329	Seminar on American Politics	
POLS 349	Topics in Comparative Politics	
POLS 389	Seminar: Topics in International Relations	
POLS 399	Seminar in Political Theory	
Four additional political science courses at the 200 level (or above) and two additional political science courses at the 300 level (or above), including three courses from the following: [e]		18
POLS 258	The Judicial Process	
POLS 287	International Law	
POLS 353	Constitutional Law	
POLS 354	The Constitution and Civil Liberties	
POLS 356	Constitutional Law: Women, Gender and Privacy	
POLS 358	Constitutional Law: African-American Legal History	
POLS 359	Topics in Public Law	
POLS 451	Law and Public Policy	
Total Hours		**33**

a *This course is approved for the Understanding the Individual and Society General Education category.*
b *This course is approved for the Understanding U.S. Society General Education category.*
c *Students should consult the* General Education (p. 86) *section of the catalog to determine if any of these courses are approved General Education courses.*
d *Any of these courses may be used to fulfill the Writing-in-the-Discipline requirement.*
e *Not including POLS 305.*

Note: At the discretion of the director of undergraduate studies, students may substitute a course from another department for one of the courses in public law.

Transfer courses in political science must have grades of C or better to count toward the major or minor.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
POLS 101	Introduction to American Government and Politics [a]	3
Foreign Language		4
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
POLS 120 or POLS 130 or POLS 184	Introduction to Political Theory [a] or Introduction to Comparative Politics or Introduction to International Relations	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
POLS 120 or POLS 130 or POLS 184	Introduction to Political Theory [a] or Introduction to Comparative Politics or Introduction to International Relations	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Spring Semester		
POLS 200	Methods of Political Science	3
POLS 2xx, POLS 3xx, or POLS 4xx		3
Foreign Language		4
General Education Requirement course		3-5
Elective		3
	Hours	**16-18**
Third Year		
Fall Semester		
POLS 201	Political Data Analysis (or Quantitative Reasoning course) [b]	3
POLS 2xx, POLS 3xx, or POLS 4xx [c]		3

POLS 258	The Judicial Process	3
or POLS 287	or International Law	
or POLS 353	or Constitutional Law	
or POLS 354	or The Constitution and Civil Liberties	
or POLS 356	or Constitutional Law: Women, Gender and Privacy	
or POLS 358		
or POLS 359	or Constitutional Law: African-American Legal History	
or POLS 451	or Topics in Public Law	
	or Law and Public Policy	
Electives		6
	Hours	**15**
Spring Semester		
POLS 2xx, POLS 3xx, or POLS 4xx		3
POLS 353	Constitutional Law	3
or POLS 354	or The Constitution and Civil Liberties	
or POLS 356	or Constitutional Law: Women, Gender and Privacy	
or POLS 358		
or POLS 359	or Constitutional Law: African-American Legal History	
or POLS 451	or Topics in Public Law	
	or Law and Public Policy	
Electives		8-9
	Hours	**14-15**
Fourth Year		
Fall Semester		
POLS 353	Constitutional Law	3
or POLS 354	or The Constitution and Civil Liberties	
or POLS 356	or Constitutional Law: Women, Gender and Privacy	
or POLS 358		
or POLS 359	or Constitutional Law: African-American Legal History	
or POLS 451	or Topics in Public Law	
	or Law and Public Policy	
Electives		12
	Hours	**15**
Spring Semester		
POLS 329	Seminar on American Politics [c]	3
or POLS 349	or Topics in Comparative Politics	
or POLS 389	or Seminar: Topics in International Relations	
or POLS 399	or Seminar in Political Theory	
Electives		12
	Hours	**15**
	Total Hours	**120**

a *POLS 101 and POLS 120 may be used to satisfy two of the nine courses in the General Education Requirement.*

b *Satisfies Quantitative Reasoning requirement (with a grade of C or better) but is not required for the major. To be eligible, you must first satisfy the math prerequisite.*

c *Any of these courses may be used to fulfill the Writing-in-the-Discipline requirement.*

BA with a Major in Political Science, Concentration in Urban Politics

Program Codes:
20FT0343BA

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Political Science degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach minimum Total Hours		87
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline (p. 306) in the College of Liberal Arts and Sciences section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
POLS 101	Introduction to American Government and Politics [a,b]	3
POLS 200	Methods of Political Science	3
Select two of the following: [c]		6
POLS 120	Introduction to Political Theory	
POLS 130	Introduction to Comparative Politics	
POLS 184	Introduction to International Relations	
POLS 210	Introduction to Urban Politics	3
POLS 211	Chicago's Future	3
POLS 301	Internship in Political Science	6
Select one of the following: [d]		3
POLS 329	Seminar on American Politics	
POLS 349	Topics in Comparative Politics	
POLS 389	Seminar: Topics in International Relations	
POLS 399	Seminar in Political Theory	
Six additional semester hours at the 200 level (or above) [e]		6
Total Hours		**33**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category.*

c *Students should consult the* General Education *(p. 86) section of the catalog to determine if any of these courses are approved General Education courses.*

d *Any of these courses may be used to fulfill the Writing-in-the-Discipline requirement.*

e *Not including POLS 305.*

Note: At the discretion of the director of undergraduate studies, students may substitute a course from another department for one of their three courses in urban politics.

Transfer courses in political science must have grades of C or better to count toward the major or minor.

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
POLS 101	Introduction to American Government and Politics [a]	3
Foreign Language		4
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
POLS 120 or POLS 130 or POLS 184	Introduction to Political Theory [a] or Introduction to Comparative Politics or Introduction to International Relations	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
POLS 120 or POLS 130 or POLS 184	Introduction to Political Theory [a] or Introduction to Comparative Politics or Introduction to International Relations	3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Spring Semester		
POLS 200	Methods of Political Science	3
POLS 2xx, POLS 3xx, or POLS 4xx		3
Foreign Language		4
General Education Requirement course		3
Elective		3
	Hours	**16**
Third Year		
Fall Semester		
POLS 2xx, POLS 3xx, or POLS 4xx [c]		3
POLS 201	Political Data Analysis (or Quantitative Reasoning course) [b]	3
POLS 210	Introduction to Urban Politics	3
General Education Course requirement		3
Elective		3
	Hours	**15**
Spring Semester		
POLS 211	Chicago's Future	3
POLS 301	Internship in Political Science	6
Electives		6
	Hours	**15**
Fourth Year		
Fall Semester		
POLS 329 or POLS 349 or POLS 389 or POLS 399	Seminar on American Politics [c] or Topics in Comparative Politics or Seminar: Topics in International Relations or Seminar in Political Theory	3
Electives		12
	Hours	**15**
Spring Semester		
Electives		14-15
	Hours	**14-15**
	Total Hours	**120**

a *POLS 101 and POLS 120 may be used to satisfy two of the nine courses in the General Education Requirement*

b *Satisfies Quantitative Reasoning requirement (with a grade of C or better) but is not required for the major. To be eligible, you must first satisfy the math prerequisite.*

c *Any of these courses may be used to fulfill the Writing-in-the-Discipline requirement.*

Minor in Political Science

Requirements for the Minor

Students from other disciplines who want to minor in Political Science must complete 18 semester hours as outlined below:

Code	Title	Hours
Required Courses		
POLS 101	Introduction to American Government and Politics	3
POLS 200	Methods of Political Science	3
Select one of the following:		3
POLS 120	Introduction to Political Theory	
POLS 130	Introduction to Comparative Politics	
POLS 184	Introduction to International Relations	
Three additional POLS courses [a]		9
Total Hours		**18**

a *At least one at the 200 level or above, and at least one at the 300 level or above. Not including POLS 305. Only one of POLS 301 OR POLS 303 may be used toward this requirement.*

Department of Psychology

Contact Information:
Campus Location: 1009 Behavioral Sciences Building (BSB)
(312) 996–2836
psch.uic.edu

Administration:
Head, Jamie D Roitman

Psychology at UIC: Explore the Science of People, Behavior, and Society

For students who are curious about why people think, feel, and act the way they do—and want to use scientific tools to understand and improve the world—psychology is an excellent major to consider. As one of the most versatile sciences, psychology connects the brain to society, helping us understand everything from decision-making and mental health to community well-being and global challenges.

At UIC, psychology students join a department committed to scientific discovery, community-engaged research, and accessible, inclusive

education that prepares graduates to become future psychologists, leaders, scholars, and educators

Psychology majors learn to:

- **Understand and critically evaluate research**, using the scientific method to investigate human behavior.
- **Apply psychological theories and evidence** to real-world issues in health, education, business, and communities.
- **Analyze data, think critically, and communicate insights**—skills highly valued in today's workforce.

Career paths with a psychology degree are broad and growing, ranging from social services, health professions, human resources, user experience research, and data science, to clinical and counseling services, education, and research careers.

Choosing Between UIC's BS and BA in Liberal Arts and Sciences with Majors in Psychology

The Department of Psychology offers two undergraduate degrees: a Bachelor of Science (BS) degree and a Bachelor of Arts (BA) degree.

Both the BA and BS degrees share a strong scientific foundation and prepare students to understand and use psychological research. The best choice depends on the student's interests and long-term goals.

Bachelor of Science (BS) in LAS with a Major in Psychology

This program is best for students who want deeper scientific training or plan to pursue research-intensive or health-related graduate study (e.g., Ph.D). Program highlights include:

- 33 hours of credit in the major
- Emphasis on the generation of scientific knowledge through research
- Laboratory-based research training and coursework supporting scientific inquiry
- Ideal preparation for:
  - Research-oriented psychology PhD programs
  - Medical school or other health professions (e.g., OT, PT)
  - Neuroscience and other science-focused graduate programs

This pathway aligns closely with the American Psychological Association's emphasis on scientific reasoning, research design, and quantitative analysis as core goals of undergraduate psychology training.

Bachelor of Arts (BA) in LAS with a Major in Applied Psychology

This program is best for students who want hands#on experience applying psychology in professional settings and who may enter the workforce or pursue applied graduate programs after graduation (e.g., MA in counseling, MA in Social Work, PsyD). Program highlights include:

- 33 hours of credit in the major
- Emphasis on the application of psychological science to real-world settings
- A fieldwork internship with one of 150+ nonprofit and community partners across Chicago
- Ideal preparation for:
  - Counseling, social work, or applied master's programs
  - Careers in human services, case management, and community outreach
  - Entry-level roles in HR, organizational development, or applied research settings

This pathway aligns with the American Psychological Association's focus on ethical practice, communication, interpersonal effectiveness, and the application of psychological principles to improve communities.

Getting Started in Psychology at UIC

Students may declare the major in Psychology (BS) or Applied Psychology (BA) at any time. The first step in either pathway is completing four preparatory courses (each with a grade of C or better), which serve as prerequisites for upper-level coursework.

Code	Title	Hours
Courses		
PSCH 100	Introduction to Psychology [a]	4
PSCH 242	Introduction to Research in Psychology	4
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
One of the following courses:		
MATH 105	Mathematical Reasoning (or the equivalent or higher)	
MATH 108	Intermediate Algebraic Concepts [b]	

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *A grade of C or higher in MATH 105 or MATH 108* or *appropriate placement on the UIC Math Placement exam will satisfy the preparatory course requirement.*

Distinction

Students may graduate with Distinction, High Distinction, or Highest Distinction in either the BS in LAS with a Major in Psychology or BA in LAS with a Major in Applied Psychology. Students who wish to be competitive applicants to graduate school plan to complete the major with Distinction, High Distinction, or Highest Distinction. See below for details.

Departmental Distinction

In addition to completing the degree requirements for either the BS, Major in Psychology or BA, Major in Applied Psychology, a candidate for Departmental Distinction must earn a 3.50/4.00 cumulative GPA in psychology courses and a 3.40/4.00 cumulative overall GPA. The GPA will be calculated using all credits being applied to the degree (from UIC and any transfer institution). Distinction is awarded at the time of degree certification.

High Departmental Distinction

In addition to completing the degree requirements for either the BS, Major in Psychology or BA, Major in Applied Psychology, the candidate for High Departmental Distinction must meet the requirements for Departmental Distinction. The candidate must also complete PSCH 443 and either one additional laboratory course in psychology (PSCH 313, PSCH 321, PSCH 331, PSCH 333, PSCH 351, PSCH 353, PSCH 361, PSCH 363, PSCH 367) or 3 hours of PSCH 396. Distinction is awarded at the time of degree certification.

Highest Departmental Distinction

In addition to completing the degree requirements for either the BS, Major in Psychology or BA, Major in Applied Psychology, the candidate for Highest Departmental Distinction must meet the requirements for Departmental Distinction. The candidate must also complete PSCH 443 and an independent research project in PSCH 399 (3 credits), under the supervision of a faculty advisor.

The proposal for a Highest Distinction independent research project should be submitted to laspsychology@uic.edu after approval by the faculty advisor and the Director of Undergraduate Studies. The student's final report of the independent research project must be reviewed by the Departmental Reading Committee. The form for proposing this project is available on the Psychology Department website or from the advising office at laspsychology@uic.edu (laspsychology@uic.edu). Distinction is awarded at the time of degree certification.

Degree Programs

- BA with a Major in Applied Psychology (p. 425)
- BS with a Major in Psychology (p. 426)

Minor

- Minor in Psychology (p. 427)

BA with a Major in Applied Psychology

Degree Requirements

To earn a Bachelor of Arts in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Psychology degree requirements for the Major in Applied Psychology are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach minimum Total Hours		87
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
PSCH 100	Introduction to Psychology [a]	4
PSCH 242	Introduction to Research in Psychology	4
PSCH 343	Statistical Methods in Behavioral Science [b]	4
PSCH 385	Field Work in Applied Psychology [c]	6
Select at least one Cognition and the Brain course:		**3**
PSCH 262	Behavioral Neuroscience	
PSCH 350	Sensation and Perception	
PSCH 352	Cognition and Memory	
PSCH 360	Learning and Conditioning	
PSCH 366	Cognitive Neuroscience	
Select at least two Psychology in Society courses: [d]		**6**
PSCH 210	Theories of Personality	
PSCH 231	Community Psychology	
PSCH 270	Introduction to Psychological and Behavioral Disorders	
PSCH 312	Social Psychology	
PSCH 320	Developmental Psychology	
PSCH 324	Cultural Psychology	
Select at least one Applied Skills depth course:		**3**
PSCH 380	Positive Psychology: The Science of Well-Being	
PSCH 381	Psychology of Interviewing	
PSCH 382	Psychological Interventions	
PSCH 384	Psychology of Groups	
Psychology Elective(s)		**3**
Total Hours		**33**

a *This course is approved for the Understanding the Individual and Society General Education category.*
b *PSCH 343 fulfills the LAS Quantitative Reasoning requirement.*
c *PSCH 385 fulfills the Writing-in-the-Discipline requirement.*
d *Students should consult the* General Education (p. 86) *section of the catalog to determine which of these courses are approved General Education courses.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
MATH 105 or MATH 108	Mathematical Reasoning or Intermediate Algebraic Concepts	4
Foreign Language		4
General Education Requirement course		3-5
	Hours	**14-16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language		4
PSCH 100	Introduction to Psychology	4
General Education Requirement course		3-5
	Hours	**14-16**
Second Year		
Fall Semester		
PSCH 242	Introduction to Research in Psychology	4
Psychology in Society course [a,b]		3
Foreign Language		4
General Education Requirement course		3
	Hours	**14**
Spring Semester		
PSCH 343	Statistical Methods in Behavioral Science [c]	4
Psychology in Society course [b]		3

Foreign Language		4
General Education Requirement course		3
	Hours	**14**
Third Year		
Fall Semester		
Cognition and Brain Psychology course [d]		3
Psychology Elective [e]		3
General Education Requirement course/Elective		3
General Education Requirement course/Elective		3
General Education Requirement course/Elective		3-4
	Hours	**15-16**
Spring Semester		
Psychology and Applied Skills Depth course		3
General Education Requirement course/Elective		3
Electives		9-10
	Hours	**15-16**
Fourth Year		
Fall Semester		
PSCH 385	Field Work in Applied Psychology [g]	6
General Education Requirement course/Elective		3
Electives		6-7
	Hours	**15-16**
Spring Semester		
Electives		14-16
	Hours	**14-16**
	Total Hours	**120**

a *Psychology electives taken at this time are restricted to the 200 level, as 300-level PSCH courses cannot be taken until PSCH 242 is completed with a C or better.*

b *Psychology in Society courses include PSCH 210, PSCH 231, PSCH 270, PSCH 312, PSCH 320, or PSCH 324. Consult a departmental advisor when choosing courses.*

c *A grade of C or better in PSCH 343 satisfies the Quantitative Reasoning requirement.*

d *Cognition and the Brain courses include PSCH 262, PSCH 350, PSCH 352, PSCH 360, or PSCH 366. Consult a departmental advisor when choosing courses.*

e *A combined maximum of 8 hours of credit in PSCH 396, PSCH 397, and PSCH 399 can be applied toward the degree.*

f *Applied Skills depth courses include PSCH 380, PSCH 381, PSCH 382, and PSCH 384.*

g *PSCH 385 fulfills the Writing-in-the-Discipline requirement.*

BS with a Major in Psychology

Degree Requirements

To earn a Bachelor of Science in Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Psychology degree requirements for the Major in Psychology are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		33
General Education and Electives to reach minimum Total Hours		87
Total Hours		**120**

Major Requirements

Code	Title	Hours
Required Courses		
PSCH 100	Introduction to Psychology [a]	4
PSCH 242	Introduction to Research in Psychology	4
PSCH 343	Statistical Methods in Behavioral Science [b]	4
Select at least one Cognition and the Brain course: [c,d]		**3**
PSCH 262	Behavioral Neuroscience	
PSCH 350	Sensation and Perception	
PSCH 352	Cognition and Memory	
PSCH 360	Learning and Conditioning	
PSCH 366	Cognitive Neuroscience	
Select at least two Psychology in Society courses: [c,d]		**6**
PSCH 210	Theories of Personality	
PSCH 231	Community Psychology	
PSCH 270	Introduction to Psychological and Behavioral Disorders	
PSCH 312	Social Psychology	
PSCH 320	Developmental Psychology	
PSCH 324	Cultural Psychology	
Select at least one depth course to prepare for a Research Application or Laboratory Skills course: [c]		**3**
PSCH 312	Social Psychology	
PSCH 320	Developmental Psychology	
PSCH 324	Cultural Psychology	
PSCH 350	Sensation and Perception	
PSCH 352	Cognition and Memory	
PSCH 366	Cognitive Neuroscience	
Select at least one Research Application or Laboratory Skills course:		**3**
PSCH 313	Laboratory in Social Psychology	
PSCH 321	Laboratory in Developmental Psychology	
PSCH 331	Laboratory in Community and Prevention Research	
PSCH 333	Laboratory in Clinical Psychology	
PSCH 351	Laboratory in Perception	
PSCH 353	Laboratory in Cognition and Memory	
PSCH 361	Laboratory in Learning and Conditioning	
PSCH 363	Laboratory in Behavioral Neuroscience	
PSCH 367	Laboratory in Cognitive Neuroscience	
Psychology Electives		**6**
Total Hours		**33**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *PSCH 343 (with a C or better) fulfills the LAS Quantitative Reasoning requirement.*

c *A single course may count toward only one requirement (for example, PSCH 350 can count toward Cognition and the Brain requirement OR the depth requirement, not both).*

d *Students should consult the* General Education *(p. 86) section of the catalog to determine which of these courses are approved General Education courses.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
MATH 105 or MATH 108	Mathematical Reasoning or Intermediate Algebraic Concepts	4
General Education Requirement course		3-5
	Hours	**14-16**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PSCH 100	Introduction to Psychology	4
Foreign Language		4
General Education Requirement course		3-5
	Hours	**14-16**
Second Year		
Fall Semester		
PSCH 242	Introduction to Research in Psychology	4
Psychology in Society course [a,b]		3
Foreign Language		4
General Education Requirement course		3
	Hours	**14**
Spring Semester		
PSCH 343	Statistical Methods in Behavioral Science [c]	4
Psychology in Society course [b]		3
Foreign Language		4
General Education Requirement course		3
	Hours	**14**
Third Year		
Fall Semester		
Cognition and the Brain course [d]		3
Psychology Elective [f]		3
General Education Requirement course/Elective		3
General Education Requirement course/Elective		3
General Education Requirement course/Elective		3
	Hours	**15**
Spring Semester		
Preparation for Research Application or Lab Skills course [e]		3
Psychology Elective [f]		3
General Education Requirement course/Elective		9-10
	Hours	**15-16**
Fourth Year		
Fall Semester		
Psychology Research Application or Lab Skills course [g]		3
General Education Requirement course/Elective		12-13
	Hours	**15-16**
Spring Semester		
Electives		15-16
	Hours	**15-16**
	Total Hours	**120**

a *Psychology electives taken at this time are restricted to the 200 level, as 300-level PSCH courses cannot be taken until PSCH 242 is completed with a C or better.*

b *Psychology in Society courses include PSCH 210, PSCH 231, PSCH 270, PSCH 312, PSCH 320, or PSCH 324. Consult a departmental advisor when choosing courses.*

c *A grade of C or better in PSCH 343 satisfies the Quantitative Reasoning requirement*

d *Cognition and Brain courses include PSCH 262, PSCH 350, PSCH 352, PSCH 360, and PSCH 366.Consult a departmental advisor when choosing courses.*

e *Depth courses to prepare for a Research or Application or Laboratory Skills course include PSCH 312, PSCH 320, PSCH 324, PSCH 350, PSCH 352, and PSCH 366.*

f *A combined maximum of 8 hours of credit in PSCH 396, PSCH 397 and PSCH 399 can be applied toward the degree.*

g *Research Application or Lab Skills courses include PSCH 313, PSCH 321, PSCH 331, PSCH 333, PSCH 351, PSCH 353, PSCH 361, PSCH 363, and PSCH 367.*

Minor in Psychology

Students may also minor in psychology. A minor is structured very much like the major in psychology, except that fewer courses are required. A psychology minor can be beneficial to anyone who values a basic understanding of behavior.

Requirements for the Minor

Students from other disciplines who want to minor in psychology must take a total of 17 hours distributed as follows.

Code	Title	Hours
Required Courses		
PSCH 100	Introduction to Psychology	4
PSCH 242	Introduction to Research in Psychology	4
Additional psychology courses at the 200 level or above for a minimum of 18 semester hours		9
Total Hours		**17**

Religious Studies

Contact Information:
Campus Location: 1722 University Hall (UH)
(312) 996-5218
rels.uic.edu

Administration:
Director, Junaid Quadri

Note: Admission to this program is suspended. Contact the program directly for more information.

Minor in Religious Studies

The Minor in Religious Studies introduces students to the academic study of religion. Through broad and diverse offerings, the program invites students to explore many of the world's major religious traditions, the texts that inform them, the communities that inhabit them, as well as the philosophical and theological questions that ground the origins of faith in general. With faculty drawn from departments across campus, the minor

encourages students to examine religion and religious phenomena from a variety of disciplinary perspectives.

Minor

- Minor in Religious Studies (p. 428)

Minor in Religious Studies

Note: admission to this program is suspended. Contact the program directly for more information.

Requirements for the Minor

Students who wish to minor in Religious Studies must complete six RELS courses (18 semester hours). The six courses must include at least one foundational course (RELS 100, RELS 101, RELS 106, RELS 175, and RELS 215). In addition, three of the six courses (9 semester hours) must be at the 200 level or above. Finally, to ensure interdisciplinary perspective, three of the six RELS courses must be cross-listed with three distinct units outside Religious Studies, as selected from the following: Black Studies; Anthropology; Art History; Architecture; Polish, Russian, and Lithuanian Studies; Classics; Economics; English; Gender and Women's Studies; Germanic Studies; Global Asian Studies; International Studies; Italian, Latin American and Latino Studies; History; Native American Studies; Philosophy; Political Science; Psychology; and Sociology.

In addition, students who wish to focus on one religious tradition may do so by taking at least three courses (9 semester hours) from a single tradition, including, but not limited to, Jewish Studies, Islamic Studies, or Catholic Studies.

Code	Title	Hours
Required Courses		
Select one of the following:		3
RELS 100	Religion in Human Experience	
RELS 101	Introduction to World Religions	
RELS/PHIL 106	What Is Religion?	
RELS/ENGL 175	Understanding the Bible as Literature	
RELS/ANTH 215	Anthropology of Religion	
Select any five RELS courses		15
Total Hours		**18**

Note: When topically relevant, topics courses from other departments may count toward the Minor in Religious Studies, as determined at any time by a committee of faculty in the Religious Studies program.

Department of Sociology

Contact Information:
Campus Location: 4112 Behavioral Sciences Building (BSB)
(312) 996–3005
soc.uic.edu

Administration:
Head, Sharmila Rudrappa
Director of Undergraduate Studies, Maria Krysan

Sociology is the study of social life, including individuals, groups, organizations, institutions, and societies. Sociologists investigate the social causes and consequences of human behavior and interaction, such as inequality, poverty, discrimination, and urbanization. While offering a general sociology curriculum, the program particularly focuses on how social inequalities are structured and legislated, how they are supported by cultural representations and hegemonic ideologies, and how people navigate and push back against them in their everyday lives. The program specializes in the study of: race, ethnicity, and immigration; gender and sexualities; organizations and the economy; politics, globalization, and social change; urban and spatial inequality; and health, science, and knowledge. Students learn multiple methodological approaches for the study of social life, such as ethnography, in-depth interviews, survey research, focus groups, statistical analysis of secondary data, and the use of comparative historical methods. Sociology majors in the program also explore how to actively use research-based evidence to increase the quality of life for the residents of Chicago, the state, the nation, and the world.

Sociology develops skills in analyzing, synthesizing, generalizing, and communicating data, information and knowledge. Courses stress both logic and data analysis as well as careful and thoughtful reading, discussion, and writing. Sociology's subject matter includes relationships among economic, political, cultural, and social factors and explores the impact of such forces on individuals and society. This inclusive framework and general training lies at the heart of a liberal education for lifetime learning.

A major in sociology will prepare students to undertake graduate studies in sociology, and admission to other professional and graduate programs in medicine, health, law, urban planning, social work, education, and business. It is also an excellent preparation for a wide variety of occupations in business and industry, the justice system, community and social services, government, education, social justice, and research. Students may also choose to tailor their undergraduate curriculum with one of the four optional concentrations: data and analytics; health and medicine; professions, occupations, and work; or sociology for social work.

Distinction

To be considered for Distinction, students must obtain a 3.00/4.00 overall GPA, plus the following:

- 3.50/4.00 GPA in the major for Distinction;
- 3.75/4.00 GPA in the major for High Distinction;
- 3.75/4.00 GPA in the major, SOC 499, and completion of a senior thesis for Highest Distinction.

Note: The GPA will be calculated using all of the credits that are being applied to the degree—from UIC and from any transfer institution.

Degree Programs

- BA with Major in Sociology (p. 429)
- BA with Major in Sociology, Concentration in Data and Analytics (p. 430)
- BA with Major in Sociology, Concentration in Health and Medicine (p. 431)
- BA with Major in Sociology, Concentration in Professions, Organizations, and Work (p. 432)
- BA with Major in Sociology, Concentration in Sociology for Social Work (p. 434)

Minor

- Minor in Sociology (p. 435)

BA with a Major in Sociology

Program Codes:
20FT0344BA

The Department of Sociology offers programs leading to the Bachelor of Arts with a Major in Sociology. Students may follow a general sociology curriculum as outlined below, or concentrate their studies in: 1) Data and Analytics; 2) Health and Medicine; 3) Professions, Occupations, and Work; or 4) Sociology for Social Work. A minor in Sociology is also offered. Students interested in pursuing the major with a concentration or the minor should see the individual catalog page for that program.

Degree Requirements

To earn a Bachelor of Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Sociology degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		35
General Education and Electives to reach minimum Total Hours		85
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
Select one of the following:		3
SOC 100	Introduction to Sociology [a,b]	
SOC 105	Social Problems [a,b]	
SOC 201	Introductory Sociological Statistics [c]	4
SOC 290	Sociology Major Orientation and Success	2
SOC 300	Introduction to Sociological Research Methods	4
SOC 385	Introduction to Sociological Theory [d]	3
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [e]	4
Electives		
Complete 5 additional courses (15 semester hours) at the 200 level or above, with at least 6 of those hours at the 400 level. Students who wish to use their electives to pursue a concentration in Data and Analytics; Health and Medicine; Professions, Occupations, and Work; or Sociology for Social Work should consult the individual catalog pages for each concentration.		15
Total Hours		**35**

a *This course is approved for the Understanding the Individual and Society General Education category.*
b *This course is approved for the Understanding U.S. Society General Education category.*
c *SOC 201 also fulfills the LAS Quantitative Reasoning requirement*
d *SOC 385 fulfills the Writing-in-the-Discipline requirement.*
e *SOC 490 is a senior capstone experience. It should be taken during the last semester of enrollment.*
f *Independent study courses (SOC 296, SOC 298, SOC 496, SOC 499) can be taken for up to 8 hours of credit, but only 3 hours of SOC 296 and SOC 298 and 3 hours of SOC 409, SOC 496 and SOC 499 can count toward the required elective credit at the 200 and 400 level respectively.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language		4
SOC 100 or SOC 105	Introduction to Sociology or Social Problems	3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
SOC 2xx Elective		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
SOC 201	Introductory Sociological Statistics [a]	4
SOC 290	Sociology Major Orientation and Success [b]	2
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Third Year		
Fall Semester		
SOC 2xx Elective		3
SOC 300	Introduction to Sociological Research Methods [c]	4
General Education Requirement course/Elective		3
Electives		4-6
	Hours	**14-16**

Spring Semester		
SOC 385	Introduction to Sociological Theory [d]	3
SOC 2xx Elective		3
SOC 4xx Elective		3
Electives		6
	Hours	**15**
Fourth Year		
Fall Semester		
SOC 4xx Elective [e]		3
Electives [e]		12
	Hours	**15**
Spring Semester		
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [f]	4
Electives		11-12
	Hours	**15-16**
	Total Hours	**120**

a *SOC 201 (with a grade of C or better) satisfies the Quantitative Reasoning requirement. Must first satisfy the math prerequisite.*

b *It is strongly recommended to take SOC 290 as soon as the major is declared.*

c *Must take SOC 201 before SOC 300.*

d *SOC 385 meets both the theory requirement and the Writing-in-the-Discipline requirement. May also be available in the fall semester.*

e *Students are encouraged to complete a research or internship experience.*

f *Students must take SOC 300 and SOC 385 before SOC 490. It is strongly recommended to take SOC 290 before SOC 490. SOC 490 should be taken in student's last year.*

BA with a Major in Sociology, Concentration in Data and Analytics

The Department of Sociology offers programs leading to the Bachelor of Arts with a Major in Sociology. Students may follow a general sociology curriculum or concentrate their studies in: 1) Data and Analytics; 2) Health and Medicine; 3) Professions, Organizations, and Work; or 4) Sociology for Social Work. A minor in Sociology is also offered.

Degree Requirements

To earn a Bachelor of Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Sociology degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		35
General Education and Electives to reach minimum Total Hours		85
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
Select one of the following:		3
SOC 100	Introduction to Sociology [a,b]	
SOC 105	Social Problems [a,b]	
SOC 201	Introductory Sociological Statistics [c]	4
SOC 290	Sociology Major Orientation and Success	2
SOC 300	Introduction to Sociological Research Methods	4
SOC 385	Introduction to Sociological Theory [d]	3
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [e]	4
Data and Analytics Concentration Requirements [f]		
Complete two additional SOC courses (6 hours)		6
Select 3 of the following courses:		9
SOC 280	Data and Society	
SOC 285	Politics, Algorithms and People	
SOC 298	Internship in Sociological Applications [fg]	
SOC 409	Senior Research Practicum [fg]	
SOC 426	Topics in Race, Ethnicity, and Gender [g]	
SOC 440	Topics in Organizations and Institutions [g]	
SOC 471	Population	
SOC 496	Independent Study or Research [fg]	
SOC 300	Introduction to Sociological Research Methods [h]	
Total Hours		**35**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category.*

c *SOC 201 also fulfills the LAS Quantitative Reasoning requirement*

d *SOC 385 fulfills the Writing-in-the-Discipline requirement.*

e *SOC 490 is a senior capstone experience. It should be taken during the last semester of enrollment.*

f *The 15 hours required for the concentration must be at the 200 level or above, with at least 6 of those hours at the 400 level. Independent study courses (SOC 296, SOC 298, SOC 496, SOC 499) can be taken for up to 8 hours, but only 3 hours of SOC 296 and SOC 298 and 3 hours of SOC 409, SOC 496, and SOC 499 can count toward the required elective credit at the 200 and 400 level respectively.*

g *Students may use SOC 298, SOC 409, SOC 426, SOC 440, and/or SOC 496 toward a concentration if the Director of Undergraduate Studies (DUS) deems the content, project, experience, etc. topically relevant. DUS approval is required.*

h *May be used toward this concentration if the student has satisfied their basic methods requirement through another discipline (e.g., double majors).*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language		4
SOC 100 or SOC 105	Introduction to Sociology or Social Problems	3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
SOC 2xx Elective		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
SOC 201	Introductory Sociological Statistics [a]	4
SOC 290	Sociology Major Orientation and Success [b]	2
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Third Year		
Fall Semester		
Concentration course		3
SOC 300	Introduction to Sociological Research Methods [c]	4
General Education Requirement course/Elective		3
Electives		4-6
	Hours	**14-16**
Spring Semester		
SOC 385	Introduction to Sociological Theory [d]	3
Concentration course		3
Concentration course		3
Electives		6
	Hours	**15**
Fourth Year		
Fall Semester		
Concentration course [e]		3
Electives [e]		12
	Hours	**15**
Spring Semester		
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [f]	4
Electives		11-12
	Hours	**15-16**
	Total Hours	**120**

a *SOC 201 (with a grade of C or better) satisfies the Quantitative Reasoning requirement. Must first satisfy the math prerequisite.*

b *It is strongly recommended to take SOC 290 as soon as the major is declared.*

c *Must take SOC 201 before SOC 300.*

d *SOC 385 meets both the theory requirement and the Writing-in-the-Discipline requirement. May also be available in the fall semester.*

e *Students are encouraged to complete a research or internship experience.*

f *Students must take SOC 300 and SOC 385 before SOC 490. It is strongly recommended to take SOC 290 before SOC 490. SOC 490 should be taken in student's last year.*

BA with a Major in Sociology, Concentration in Health and Medicine

The Department of Sociology offers programs leading to the Bachelor of Arts with a Major in Sociology. Students may follow a general sociology curriculum or concentrate their studies in: 1) Data and Analytics; 2) Health and Medicine; 3) Professions, Organizations, and Work; or 4) Sociology for Social Work. A minor in Sociology is also offered.

Degree Requirements

To earn a Bachelor of Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Sociology degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		35
General Education and Electives to reach minimum Total Hours		85
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
Select one of the following:		3
SOC 100	Introduction to Sociology [a,b]	
SOC 105	Social Problems [a,b]	
SOC 201	Introductory Sociological Statistics [c]	4
SOC 290	Sociology Major Orientation and Success	2
SOC 300	Introduction to Sociological Research Methods	4
SOC 385	Introduction to Sociological Theory [d]	3

SOC 490	Igniting Sociological Futures: Senior Capstone Experience [e]	4
Health and Medicine Concentration Requirements [f]		
Complete two additional SOC courses (6 hours)		6
Select 3 of the following courses:		9
SOC 251	Health and Medicine	
SOC 298	Internship in Sociological Applications [fg]	
SOC 409	Senior Research Practicum [fg]	
SOC 426	Topics in Race, Ethnicity, and Gender	
SOC 440	Topics in Organizations and Institutions	
SOC 451	Medical Sociology	
SOC 455	Topics in Medical Sociology	
SOC 471	Population	
SOC 496	Independent Study or Research [fg]	
Total Hours		**35**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category.*

c *SOC 201 also fulfills the LAS Quantitative Reasoning requirement*

d *SOC 385 fulfills the Writing-in-the-Discipline requirement.*

e *SOC 490 is a senior capstone experience. It should be taken during the last semester of enrollment.*

f *The 15 hours required for the concentration must be at the 200 level or above, with at least 6 of those hours at the 400 level. Independent study courses (SOC 296, SOC 298, SOC 496, SOC 499) can be taken for up to 8 hours of credit, but only 3 hours of SOC 296 and SOC 298 and 3 hours of SOC 409, SOC 496, and SOC 499 can count toward the required elective credit at the 200 and 400 level respectively.*

g *Students may use SOC 298, SOC 409, SOC 426, SOC 440, and/or SOC 496 toward a concentration if the Director of Undergraduate Studies (DUS) deems the content, project, experience, etc. topically relevant. DUS approval is required.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language		4
SOC 100 or SOC 105	Introduction to Sociology or Social Problems	3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
SOC 2xx Elective		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
SOC 201	Introductory Sociological Statistics [a]	4
SOC 290	Sociology Major Orientation and Success [b]	2
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Third Year		
Fall Semester		
Concentration course		3
SOC 300	Introduction to Sociological Research Methods [c]	4
General Education Requirement course/Elective		3
Electives		4-6
	Hours	**14-16**
Spring Semester		
SOC 385	Introduction to Sociological Theory [d]	3
Concentration course		3
Concentration course		3
Electives		6
	Hours	**15**
Fourth Year		
Fall Semester		
Concentration course [e]		3
Electives [e]		12
	Hours	**15**
Spring Semester		
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [f]	4
Electives		11-12
	Hours	**15-16**
	Total Hours	**120**

a *SOC 201 (with a grade of C or better) satisfies the Quantitative Reasoning requirement. Must first satisfy the math prerequisite.*

b *It is strongly recommended to take SOC 290 as soon as the major is declared.*

c *Must take SOC 201 before SOC 300.*

d *SOC 385 meets both the theory requirement and the Writing-in-the-Discipline requirement. May also be available in the fall semester.*

e *Students are encouraged to complete a research or internship experience.*

f *Students must take SOC 300 and SOC 385 before SOC 490. It is strongly recommended to take SOC 290 before SOC 490. SOC 490 should be taken in student's last year.*

BA with a Major in Sociology, Concentration in Professions, Occupations, and Work

The Department of Sociology offers programs leading to the Bachelor of Arts with a Major in Sociology. Students may follow a general sociology curriculum or concentrate their studies in: 1) Data and Analytics; 2) Health and Medicine; 3) Professions, Occupations, and Work; or 4) Sociology for Social Work. A minor in Sociology is also offered.

Degree Requirements

To earn a Bachelor of Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Sociology degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		35
General Education and Electives to reach minimum Total Hours		85
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
Select one of the following:		3
SOC 100	Introduction to Sociology [a,b]	
SOC 105	Social Problems [a,b]	
SOC 201	Introductory Sociological Statistics [c]	4
SOC 290	Sociology Major Orientation and Success	2
SOC 300	Introduction to Sociological Research Methods	4
SOC 385	Introduction to Sociological Theory [d]	3
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [e]	4
Professions, Occupations, and Work Concentration Requirements [f]		
Complete two additional SOC courses (6 hours)		6
Select 3 of the following courses:		9
SOC 244	Sociology of Work	
SOC 298	Internship in Sociological Applications [fg]	
SOC 409	Senior Research Practicum [fg]	
SOC 426	Topics in Race, Ethnicity, and Gender [g]	
SOC 440	Topics in Organizations and Institutions [g]	
SOC 444	Race and Gender in Organizations	
SOC 447	Organizations	
SOC 496	Independent Study or Research [fg]	
Total Hours		**35**

a *This course is approved for the Understanding the Individual and Society General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category.*

c *SOC 201 also fulfills the LAS Quantitative Reasoning requirement*

d *SOC 385 fulfills the Writing-in-the-Discipline requirement.*

e *SOC 490 is a senior capstone experience. It should be taken during the last semester of enrollment.*

f *The 15 hours required for the concentration must be at the 200 level or above, with at least 6 of those hours at the 400 level. Independent study courses (SOC 296, SOC 298, SOC 496, SOC 499) can be taken for up to 8 hours of credit, but only 3 hours of SOC 296 and SOC 298 and 3 hours of SOC 409, SOC 496, and SOC 499 can count toward the required elective credit at the 200 and 400 level respectively.*

g *Students may use SOC 298, SOC 409, SOC 426, SOC 440, and/or SOC 496 toward a concentration if the Director of Undergraduate Studies (DUS) deems the content, project, experience, etc. topically relevant. DUS approval is required.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language		4
SOC 100 or SOC 105	Introduction to Sociology or Social Problems	3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
SOC 2xx Elective		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
SOC 201	Introductory Sociological Statistics [a]	4
SOC 290	Sociology Major Orientation and Success [b]	2
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Third Year		
Fall Semester		
Concentration course		3
SOC 300	Introduction to Sociological Research Methods [c]	4
General Education Requirement course/Elective		3
Electives		4-6
	Hours	**14-16**
Spring Semester		
SOC 385	Introduction to Sociological Theory [d]	3
Concentration course		3
Concentration course		3
Electives		6
	Hours	**15**

Fourth Year		
Fall Semester		
Concentration course [e]		3
Electives [e]		12
	Hours	**15**
Spring Semester		
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [f]	4
Electives		11-12
	Hours	**15-16**
	Total Hours	**120**

a *SOC 201 (with a grade of C or better) satisfies the Quantitative Reasoning requirement. Must first satisfy the math prerequisite.*
b *It is strongly recommended to take SOC 290 as soon as the major is declared.*
c *Must take SOC 201 before SOC 300.*
d *SOC 385 meets both the theory requirement and the Writing-in-the-Discipline requirement. May also be available in the fall semester.*
e *Students are encouraged to complete a research or internship experience.*
f *Students must take SOC 300 and SOC 385 before SOC 490. It is strongly recommended to take SOC 290 before SOC 490. SOC 490 should be taken in student's last year.*

BA with a Major in Sociology, Concentration in Sociology for Social Work

The Department of Sociology offers programs leading to the Bachelor of Arts with a Major in Sociology. Students may follow a general sociology curriculum or concentrate their studies in: 1) Data and Analytics; 2) Health and Medicine; 3) Professions, Organizations, and Work; or 4) Sociology for Social Work. A minor in Sociology is also offered.

Degree Requirements

To earn a Bachelor of Liberal Arts and Sciences degree from UIC, students must complete university, college, and department degree requirements. The Department of Sociology degree requirements are outlined below. Students should consult the College of Liberal Arts and Sciences (p. 304) section for additional degree requirements and college academic policies.

Code	Title	Hours
Summary of Requirements		
Major Requirements		35
General Education and Electives to reach minimum Total Hours		85
Total Hours		**120**

General Education

See General Education and Writing-in-the-Discipline in the College of Liberal Arts and Sciences (p. 304) section for information on meeting these requirements.

Major Requirements

Code	Title	Hours
Required Courses		
Select one of the following:		3
SOC 100	Introduction to Sociology [a,b]	
SOC 105	Social Problems [a,b]	
SOC 201	Introductory Sociological Statistics [c]	4
SOC 290	Sociology Major Orientation and Success	2
SOC 300	Introduction to Sociological Research Methods	4
SOC 385	Introduction to Sociological Theory [d]	3
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [e]	4
Sociology for Social Work Concentration Requirements [f]		
Complete two additional SOC courses (6 hours)		6
Select 3 of the following courses:		9
SOC 212	Human Sexuality: Social Perspectives	
SOC 215	Sociology of Childhood and Youth	
SOC 224	Gender and Society	
SOC 225	Racial and Ethnic Groups	
SOC 241	Social Inequalities	
SOC 245	Marriage and Family	
SOC 298	Internship in Sociological Applications [fg]	
SOC 409	Senior Research Practicum [fg]	
SOC 426	Topics in Race, Ethnicity, and Gender [g]	
SOC 440	Topics in Organizations and Institutions [g]	
SOC 445	Sociology of the Family	
SOC 496	Independent Study or Research [fg]	
Total Hours		**35**

a *This course is approved for the Understanding the Individual and Society General Education category.*
b *This course is approved for the Understanding U.S. Society General Education category.*
c *SOC 201 also fulfills the LAS Quantitative Reasoning requirement*
d *SOC 385 fulfills the Writing-in-the-Discipline requirement.*
e *SOC 490 is a senior capstone experience. It should be taken during the last semester of enrollment.*
f *The 15 hours required for the concentration must be at the 200 level or above, with at least 6 of those hours at the 400 level. Independent study courses (SOC 296, SOC 298, SOC 496, SOC 499) can be taken for up to 8 hours of credit, but only 3 hours of SOC 296 and SOC 298 and 3 hours of SOC 409, SOC 496, and SOC 499 can count toward the required elective credit at the 200 and 400 level respectively.*
g *Students may use SOC 298, SOC 409, SOC 426, SOC 440, and/or SOC 496 toward a concentration if the Director of Undergraduate Studies (DUS) deems the content, project, experience, etc. topically relevant. DUS approval is required.*

Recommended Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Foreign Language		4
General Education Requirement course		3-5
General Education Requirement course		3
	Hours	**13-15**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language		4
SOC 100 or SOC 105	Introduction to Sociology or Social Problems	3
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**16-18**
Second Year		
Fall Semester		
SOC 2xx Elective		3
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3-5
	Hours	**13-15**
Spring Semester		
SOC 201	Introductory Sociological Statistics [a]	4
SOC 290	Sociology Major Orientation and Success [b]	2
Foreign Language		4
General Education Requirement course		3
General Education Requirement course		3
	Hours	**16**
Third Year		
Fall Semester		
Concentration course		3
SOC 300	Introduction to Sociological Research Methods [c]	4
General Education Requirement course/Elective		3
Electives		4-6
	Hours	**14-16**
Spring Semester		
SOC 385	Introduction to Sociological Theory [d]	3
Concentration course		3
Concentration course		3
Electives		6
	Hours	**15**
Fourth Year		
Fall Semester		
Concentration course [e]		3
Electives [e]		12
	Hours	**15**
Spring Semester		
SOC 490	Igniting Sociological Futures: Senior Capstone Experience [f]	4
Electives		11-12
	Hours	**15-16**
	Total Hours	**120**

a *SOC 201 (with a grade of C or better) satisfies the Quantitative Reasoning requirement. Must first satisfy the math prerequisite.*

b *It is strongly recommended to take SOC 290 as soon as the major is declared.*

c *Must take SOC 201 before SOC 300.*

d *SOC 385 meets both the theory requirement and the Writing-in-the-Discipline requirement. May also be available in the fall semester.*

e *Students are encouraged to complete a research or internship experience.*

f *Students must take SOC 300 and SOC 385 before SOC 490. It is strongly recommended to take SOC 290 before SOC 490. SOC 490 should be taken in student's last year.*

Minor in Sociology

Requirements for the Minor

Students from other disciplines who want to minor in Sociology must complete 15 semester hours as outlined below.

Code	Title	Hours
Required Courses		
SOC 100 or SOC 105	Introduction to Sociology Social Problems	3
Three SOC courses at the 200 or 300 level		9
One SOC course at the 400 level		3
Total Hours		**15**

Preprofessional Studies

Contact Information:
Campus Location: Third Floor, University Hall (UH)
(312) 996–3366

Administration:
Dean, Lisa Freeman
Executive Assistant Dean, Student Academic Affairs, Brian Roessler, Third Floor, UH
Director, Pre-Professional Advising, Misty Huacuja-LaPointe, Second Floor, SES

Students who desire to pursue careers for which a professional degree is required may take the necessary course work to apply to such programs in the College of Liberal Arts and Sciences. Preprofessional advisors who specialize in pre-health and pre-law advising are able to assist students in pursuing programs in the following areas:

- Pre-Dentistry
- Pre-Law
- Pre-Medicine (M.D./D.O. and podiatric medicine)
- Pre-Nursing
- Pre-Nutrition/Registered Dietician
- Pre-Occupational Therapy
- Pre-Optometry
- Pre-Pharmacy
- Pre-Physical Therapy
- Pre-Physician Assistant
- Pre-Veterinary Medicine

Preprofessional advisors are available to meet with students during individual appointment sessions and group workshops. On-demand webinars are also available for students interested in pre-health fields. Students interested in preprofessional studies should visit the LAS Pre-

Health website or the LAS Pre-Law website for information regarding webinars, upcoming workshops, and other related information. Students can also find information regarding how to schedule an appointment with a Pre-Health or Pre-Law advisor.

Preprofessional studies in Pre-Dentistry, Pre-Law, Pre-Medicine, Pre-Nutrition/Registered Dietician, Pre-Occupational Therapy, Pre-Optometry, Pre-Physical Therapy, Pre-Physician Assistant, and Pre-Veterinary Medicine require students to complete an undergraduate degree program, including a major and prerequisite coursework. In most cases, the bachelor's degree is required prior to matriculation to the professional program. If admitted, students complete a professional degree program and graduate with a post-baccalaureate professional degree.

The UIC College of Nursing offers entry to first-year students into the Bachelor of Science in Nursing major, but because of the interest and demand in nursing, not all eligible students can be admitted. LAS Pre-Health Advising assists pre-nursing students who are enrolled in the College of Liberal Arts and Sciences to prepare for a future in a nursing career. LAS Pre-Health Advisors work with students to determine which nursing pathway is the best option for them. Prerequisite courses for nursing programs, including the BSN and MSN, are available. Students may pursue any major in the College of Liberal Arts and Sciences, including the Bachelor of Science in Integrated Health Studies: Concentration in Behavioral Health major, which incorporates many of the prerequisite courses required for admission to nursing programs.

Preprofessional study in Pre-Pharmacy requires students to complete a minimum of two years of undergraduate study prior to admission to the College of Pharmacy. In most cases, three years of undergraduate study are needed to complete the prerequisite course work. A majority of the students admitted to the College of Pharmacy PharmD program have completed a bachelor's degree at the time of matriculation. If admitted, students complete four additional years of study in the UIC College of Pharmacy and graduate with a Doctor of Pharmacy (PharmD) degree.

Students interested in the preprofessional study of pharmacy may also consider the Bachelor of Science in Pharmaceutical Science (BSPB). The BSPS requires students to complete at least two years of undergraduate study prior to admission to the major in the UIC College of Pharmacy. In some instances, completion of this major may take more time than anticipated if the student needs to satisfy prerequisites, or when a student does not take courses in the proper sequence. If admitted, students complete at least two additional years of undergraduate study in the major and graduate with a bachelor's degree while completing the first year of the PharmD program.

Completion of prerequisite coursework does not guarantee admission to a professional college or program. Students pursuing preprofessional studies are strongly encouraged to consult an LAS preprofessional advisor and an advisor in the professional program before submitting an application. Each professional program has specific application procedures, deadlines, and requirements, which can change from time to time and may not be reflected in this catalog. Students are responsible for obtaining the most current information.

Students pursuing preprofessional studies must plan their course of study with care. Advisors are available to assist students, however, the responsibility for selecting courses and meeting admission requirements rests with the individual student who must plan and select courses consistent with the program requirements. The information below provides the current prerequisite course information for the UIC or UIUC professional programs. LAS preprofessional advisors can assist students in applying to programs outside of UIC as well.

Pre-Dentistry, Pre-Medicine, Pre-Occupational Therapy, Pre-Physical Therapy, and Pre-Veterinary Medicine

Preprofessional Studies	Prerequisite Required Hours	Major	Bachelor's Degree Required for Admission to Professional College	Professional College[a]
Pre-Dentistry	40-41	Any	Yes	UIC College of Dentistry
Pre-Medicine	46-50	Any	Yes	UIC College of Medicine
Pre-Occupational Therapy	33-34	Any	Yes	UIC College of Applied Health Sciences
Pre-Physical Therapy	42-43	Any	Yes	UIC College of Applied Health Sciences
Pre-Veterinary Medicine	37-38	Any	Yes[b]	UIUC College of Veterinary Medicine

a *Although the prerequisites for admission to professional programs are those for University of Illinois professional colleges, students interested in other institutions should consult those programs for their requirements.*

b *Students should visit the* College of Veterinary Medicine website *for information regarding applying without a bachelor's degree.*

For a list of Course Requirements in each area, please see the pages for Pre-Dentistry (p. 437), Pre-Medicine (p. 438), Pre-Occupational Therapy (p. 439), Pre-Physical Therapy (p. 440), and Pre-Veterinary Medicine (p. 441).

Pre-Pharmacy

Preprofessional studies in pre-pharmacy require at least two years of undergraduate study prior to matriculation in the professional program or major. Pre-Pharmacy students may apply to and complete either the BS in Pharmaceutical Sciences or the Doctor of Pharmacy degree in the College of Pharmacy.

Preprofessional Studies	Preprofessional Studies Required Hours	UIC Professional College	Professional Degree Program
Pre-Pharmacy	59-60	College of Pharmacy	BS in Pharmaceutical Sciences
Pre-Pharmacy	67-74	College of Pharmacy	Doctor of Pharmacy (PharmD)

For a list of Course Requirements in each area, please see the pages for BS in Pharmaceutical Sciences (p. 456), and Pre-Pharmacy (p. 444).

Pre-Law

Preprofessional Studies	Preprofessional Studies Required Hours	Major	Bachelor's Degree Required for Admission to Professional College
Pre-Law	Varies	Any	Yes

For more information about Pre-Law at UIC, please see the Pre-Law page.

Pre-Nursing

The UIC College of Nursing admits first-years to the College of Nursing for the Bachelor of Science in Nursing major. Students who are not admitted to the UIC College of Nursing as a first-year student may apply as a transfer student. LAS preprofessional advising works with LAS students who are interested in pursuing nursing and can provide assistance in considering multiple pathways into the nursing profession.

Preprofessional Studies	Preprofessional Studies Required Hours	UIC Professional College	Professional Degree Program
Pre-Nursing	57	College of Nursing	BS in Nursing

For more information about Pre-Nursing, including a list of Course Requirements, please see the Pre-Nursing (p. 442) page. If admitted as a transfer student to the College of Nursing, Pre-Nursing students complete the bachelor's degree in the College of Nursing.

Preprofessional Studies Advised by Other Undergraduate Colleges

Preprofessional Studies	Preprofessional Studies Required Hours	UIC Professional College	Professional Degree Program
Pre-Health Information Management	59-60	College of Applied Health Sciences	BS in Health Information Management
Pre-Nutrition	59	College of Applied Health Sciences	BS in Nutrition, Nutrition Science Concentration

For more information about the BS in Information Management and the BS in Nutrition, Nutrition Science Concentration please see the College of Applied Health Sciences (p. 134) section of the catalog.

Preprofessional Studies

- Pre-Dentistry (p. 437)
- Pre-Medicine (p. 438)
- Pre-Occupational Therapy (p. 439)
- Pre-Physical Therapy (p. 440)
- Pre-Veterinary Medicine (p. 441)
- Pre-Nursing (p. 442)
- Pre-Pharmacy (p. 444)
- Pre-Law (p. 444)
- Pre-Nutrition (p. 445)

Pre-Dentistry

Pre-dentistry students may choose any major, but should work with a Pre-Health Advisor to plan a course of study that fulfills the prerequisite requirements as well as the requirements for the major and college. The UIC College of Dentistry notes that it is very important for applicants to demonstrate a strong science foundation regardless of the major chosen.

The table below lists the minimum coursework required to apply for admission to the College of Dentistry at the University of Illinois Chicago. DMD applicants must have a minimum of a bachelor's degree conferred no later than June of the matriculation year from a United States institution. A baccalaureate degree **is required** to matriculate into the DMD program at the UIC College of Dentistry.

Minimum Required Coursework

Code	Title	Hours
Required Courses [a]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 110	Biology of Cells and Organisms [b]	4
BIOS 120	Biology of Populations and Communities [b]	4
Select one of the following sequences in general chemistry:		10
CHEM 122	Matter and Energy	
CHEM 123	Foundations of Chemical Inquiry I [b,c]	
CHEM 124	Chemical Dynamics	
CHEM 125	Foundations of Chemical Inquiry II [b,c]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
CHEM 232	Structure and Function	3
CHEM 233	Synthesis Techniques Laboratory	2
Select one of the following biochemistry courses:		3-4
BIOS 352	Introductory Biochemistry	
OR		
BIOS 452	Biochemistry I (prerequisite of CHEM 234 - Organic Chemistry II)	
Select one of the following sequences in physics:		8
PHYS 131	Introductory Physics for Life Sciences I [b]	
PHYS 132	Introductory Physics for Life Sciences II [b]	
OR		
PHYS 141	General Physics I (Mechanics) [b]	

PHYS 142	General Physics II (Electricity and Magnetism) [b]	
Total Hours		**40-41**

a *The UIC College of Dentistry does not accept Advanced Placement (AP) courses as meeting course requirements. If basic-level biological sciences, chemistry, and physics course requirements are satisfied with AP credit, students must then take the specified number of credit hours in each area from upper-level science courses. Students are advised to take an additional English course if they receive an exemption or placement credit from the first English composition requirement.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements: CHEM 122/CHEM 123; CHEM 124/CHEM 125.*

The College of Dentistry requires that all prerequisite science courses (except biochemistry) include labs. **Additionally, all required prerequisite courses taken must be completed with a grade of C or better.** Furthermore, the College of Dentistry gives strong preference to applicants who have taken three to four of the following science courses beyond the above minimum: human anatomy, physiology, microbiology, cell biology, histology, immunology, or genetics.

In addition to the coursework listed above, applicants to the College of Dentistry must also take the Dental Admission Test (DAT). The DAT is offered through the American Dental Association (ADA). For more information on the DAT, please see the ADA website. Applicants to the College of Dentistry must apply through a centralized application service sponsored by the American Dental Education Association (ADEA). More information on the Associated American Dental Schools Application Service (AADSAS) is available online.

Students may obtain information regarding the DAT and AADSAS by attending workshops sponsored by LAS Pre-Health Advising. Students are advised to declare a pre-health educational goal upon entering UIC which will alert them to specific workshops and opportunities and as well as add them to a UIC Pre-Health Advising Blackboard page where they will receive other pertinent information.

Students are strongly encouraged to select an undergraduate major and begin fulfilling their degree requirements as they complete their pre-dentistry prerequisites. No specific major is required. To obtain a degree in the College of Liberal Arts and Sciences, pre-dentistry students must satisfy all degree requirements of the college, including a major program.

In addition to the academic requirements, pre-dental students at UIC are strongly encouraged to become active members of the UIC Pre-Dental Club, obtain research experience, and preprofessional experiences in dental practices which may include but are not limited to shadowing a private practitioner, working as a dental assistant, working as a dental lab technician, observing in a public health dental clinic, etc. The UIC College of Dentistry recommends at least 100 hours of shadowing experience by the time of application.

The pre-dentistry information described above includes the minimum courses for application to the UIC College of Dentistry. Specific admission requirements of other dental schools are listed in The Official Guide to Dental Schools, which is published by the American Dental Education Association, 655 K. Street, N.W., Suite 800, Washington, D.C. 20001.

Information on dental schools is also available through the Online ADEA Dental School Explorer.

Pre-Medicine

Pre-medicine students may choose any major, but should work with a pre-health advisor to plan a course of study that fulfills prerequisite requirements as well as the requirements for the major and college. Students who want to apply for admission to the University of Illinois College of Medicine must complete a bachelor's degree by the time of matriculation.

Required Coursework

The table below lists the minimum coursework required to apply for admission to the University of Illinois College of Medicine :

Code	Title	Hours
Required Courses [a]		
BIOS 110	Biology of Cells and Organisms [b]	4
BIOS 120	Biology of Populations and Communities [b]	4
Select one of the following general chemistry sequences:		10
CHEM 122	Matter and Energy [c]	
CHEM 123	Foundations of Chemical Inquiry I [b,c]	
CHEM 124	Chemical Dynamics [c]	
CHEM 125	Foundations of Chemical Inquiry II [b,c]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
CHEM 232	Structure and Function [d]	3
CHEM 233	Synthesis Techniques Laboratory	2
Select one of the following courses:		3-4
BIOS 352	Introductory Biochemistry [d]	
OR		
BIOS 452	Biochemistry I (prerequisite of CHEM 234 - Organic Chemistry II) [d]	
Select one of the following sequences:		8
PHYS 131	Introductory Physics for Life Sciences I [b]	
PHYS 132	Introductory Physics for Life Sciences II [b]	
OR		
PHYS 141	General Physics I (Mechanics) [b]	
PHYS 142	General Physics II (Electricity and Magnetism) [b]	
Select three Behavioral/Social Science courses in the following disciplines: anthropology, economics, gender studies, psychology, or sociology. PSCH 100 and SOC 100 or SOC 105 are recommended. [e]		9-10
Select at least one additional 200-, 300-, or 400-level biology course. Recommended topics include: cell biology, comparative vertebrate anatomy, genetics, or physiology courses.		3-5
Recommended Courses [f]		

MATH 110	College Algebra	
or MATH 121	Precalculus Mathematics	
STAT 101	Introduction to Statistics	
or STAT 130	Introduction to Statistics for the Life Sciences	
PSCH 100	Introduction to Psychology	
SOC 100	Introduction to Sociology	
or SOC 105	Social Problems	
Total Pre-Medicine Required Hours		**46-50**
Approximate Total Recommended Hours		**57-68**

a *Students completing a bachelor's degree at UIC must fulfill all the requirements of an undergraduate degree program, including General Education requirements. Students should consult their college and department sections of the catalog for information on completing their degree programs, including General Education requirements.*

b *These courses are approved for the Analyzing the Natural World General Education category.*

c *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements: CHEM 122/CHEM 123; CHEM 124/CHEM 125.*

d *One course of introductory biochemistry may substitute for the second semester of organic chemistry. However, this substitution may not be accepted by all medical schools. It is recommended that students consider completing Organic Chemistry II as part of their medical school preparation.*

e *Students completing a bachelor's degree at UIC should consult the* General Education *(*p. 86*) section of the catalog and their academic advisor to select courses in anthropology, economics, gender studies, psychology, and/or sociology that are approved for General Education.*

f *These courses reflect subject areas covered in depth on the MCAT exam. Though not required, it is recommended that students complete these courses prior to taking the MCAT exam.*

In addition to the course work listed above, applicants to the College of Medicine must take the Medical College Admission Test (MCAT) and apply using the centralized application services (AMCAS or AACOMAS) sponsored by the Association of American Medical Colleges and American Association of Colleges of Osteopathic Medicine. The MCAT should be taken *after* completion of the minimum pre-medical course requirements. Students are encouraged to prepare thoroughly before taking the exam, as scores from all MCAT exams taken will be released to medical schools upon application. It may be helpful to complete courses outside of the prerequisites in order to expand knowledge, gain experience, and to establish and strengthen critical-thinking and reasoning skills. Students may obtain a list of UIC courses that have an emphasis on health care to help them apply various health related topics across disciplines. Courses in integrated health studies, economics, psychology, sociology, anthropology, English, and philosophy may be of benefit to students as well. **Students taking the MCAT exam are strongly encouraged to take courses in biochemistry, statistics, psychology, and sociology.**

Students may obtain information regarding the MCAT and application information for AMCAS and/or AACOMAS by attending workshops and/or webinars sponsored by LAS Pre-Health Advising. Individual appointments with a pre-health advisor are available to students who have reached sophomore standing or higher. Until that point, students are encouraged to watch one of many webinars available on demand by LAS Pre-Health Advising or meet with an LAS academic advisor. First-year students are required to meet with an LAS academic advisor prior to registering for fall and spring semesters during their first year. Students are advised to declare a pre-health educational goal upon entering UIC, which will alert them to specific workshops and opportunities as well as add them to the UIC Pre-Health Advising Blackboard page with other pertinent information.

The list of courses above includes the minimum coursework required for application to the University of Illinois College of Medicine. Specific admission requirements of other medical schools are listed in the Medical School Admission Requirements, which is published by the Association of American Medical Colleges and can be ordered through their website.

Pre-Occupational Therapy

Occupational therapists provide services to maximize the function and satisfaction of persons whose daily life performance has been interrupted and jeopardized by disease, disability, life stress, and other factors. The occupational therapist provides the individual with opportunities for involvement in carefully chosen work, play, or self-care activities. The occupational therapist also uses various methods of mutual problem solving, environmental modification, adaptive devices, technology, and biomechanical and sensorimotor treatment methods to support and enhance performance.

Many occupational therapists work within hospital settings, but there is growing emphasis on prevention and treatment of people with disabilities in nonclinical settings. As a result, many new areas of employment are now available. For example, occupational therapists are increasingly employed in school systems where they work with children with disabilities, enhancing their ability to perform as students. Working with in-home health organizations, occupational therapists help individuals and families function more adequately at daily tasks. In industrial settings, they aid workers' with disabilities or injuries return to gainful employment. In addition, occupational therapists have developed private practices.

The preprofessional coursework listed below prepares students to apply to the professional program in the Department of Occupational Therapy in the College of Applied Health Sciences after completion of the undergraduate degree. Students should contact OTDept@uic.edu or (312) 996-3051 for further information.

Pre-occupational therapy students may choose any major but should work with an advisor to plan a course of study that fulfills pre-occupational therapy studies requirements as well as the requirements for the major.

Preprofessional Coursework

The pre-occupational therapy requirements follow and should be completed as part of the undergraduate degree program. The courses listed below must be completed with a grade of C or better.

Code	Title	Hours
Required Courses [a]		
BIOS 110	Biology of Cells and Organisms [b]	4
KN 230	Anatomy and Physiology Lecture I [c]	3
KN 231	Anatomy and Physiology Lecture II [c]	3
KN 232	Anatomy and Physiology Laboratory I [c]	2
KN 233	Anatomy and Physiology Laboratory II [c]	2
PSCH 100	Introduction to Psychology [d]	4
PSCH 242	Introduction to Research in Psychology	4
PSCH 270	Introduction to Psychological and Behavioral Disorders [c,d]	3

PSCH 320	Developmental Psychology [c]	3
Choose from one of the following courses in statistics:		3-4
PSCH 343	Statistical Methods in Behavioral Science (for Psychology majors only)	
KN 200	Statistical Methods	
STAT 101	Introduction to Statistics	
STAT 130	Introduction to Statistics for the Life Sciences	
SOC 201	Introductory Sociological Statistics (for Sociology majors only)	
Introduction to sociology or anthropology		3
Medical terminology course (recommended) [e]		
CL 201	Medical Terminologies: Ancient Roots in Modern Medicine	
or BHIS 406	Medical Terminology for Health Information Management	
Total Hours		**34-35**

a *Students completing an undergraduate degree at UIC must complete the General Education requirements. Students should consult the* General Education *(*p. 86*) section and their college/department sections of the catalog for more information on fulfilling these requirements.*

b *This course is approved for the Analyzing the Natural World General Education category.*

c *It is recommended that these courses must be taken within three years of admission to the program. If a student took these courses more than three years ago, the student should complete a self-study before beginning the program. For prerequisite courses completed more eight years ago, retaking the course or intensive self-study prior to enrollment is recommended.*

d *This course is approved for the Understanding the Individual and Society General Education category.*

e *Although not required, it is recommended that students complete a medical terminology course. Alternatively, students are expected to complete a self-study computerized course in medical terminology upon acceptance.*

Other minimum admissions requirements can be found on the program website. Applicants with a GPA of below 3.00/4.00 who display strengths in other areas may be considered for admission. Students must apply for admission to the program approximately one year before planned enrollment.

Pre-Physical Therapy

Physical therapy is a health profession whose primary purpose is the promotion of optimal human health and function through the application of scientific principles to prevent, identify, assess, correct, or alleviate acute or prolonged movement dysfunction. Physical therapy encompasses areas of specialized competence and includes the development of new principles and applications to more effectively meet existing and emerging health needs. Other professional activities that serve the purpose of physical therapy are research, education, consultation, and administration.

The physical therapist, working in cooperation with other health professionals, serves the individual needs of the client and the health needs of society. The physical therapy profession depends heavily on knowledge and application of the basic medical and behavioral sciences, coupled with specialized knowledge and skills in the clinical arts and sciences.

Physical therapists may work as staff, supervisors, or self-employed practitioners who serve clients directly; as administrators of clinical departments, health agencies, or educational programs; as healthcare agency consultants; as clinical or academic teachers; or as researchers. They may work in hospitals, clinics, rehabilitation centers, schools for children with disabilities, neighborhood health centers, physicians' offices, nursing homes and convalescent centers, private and public health agencies, sports settings, and universities.

Pre-physical therapy students may choose any major but should work with pre-health and major advisors to plan a course of study that fulfills the pre-physical therapy studies requirements as well as the requirements for the major. Students are advised to declare an educational goal of pre-physical therapy upon entering UIC which will alert them to specific workshops and other pertinent information.

The pre-physical therapy requirements follow and should be completed as part of the undergraduate degree program. All prerequisite courses must be completed with a grade of C or better. Students must have completed a minimum of seven math/science prerequisite courses at the time of application and have a reasonable plan for the completion of remaining course prerequisites prior to matriculation in the DPT program.

Required Coursework

Code	Title	Hours
Required Courses [a]		
BIOS 110	Biology of Cells and Organisms [b]	4
Select one of the following general chemistry sequences:		10
CHEM 122	Matter and Energy [b,c]	
CHEM 123	Foundations of Chemical Inquiry I [b,c]	
CHEM 124	Chemical Dynamics [b,c]	
CHEM 125	Foundations of Chemical Inquiry II [b,c]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
PHYS 131 & PHYS 132	Introductory Physics for Life Sciences I and Introductory Physics for Life Sciences II [b]	8
PSCH 100	Introduction to Psychology [d]	4
Select one course in Statistics from the following: [e]		3-4
KN 200	Statistical Methods	
PSCH 343	Statistical Methods in Behavioral Science	
SOC 201	Introductory Sociological Statistics	
STAT 101	Introduction to Statistics	
STAT 130	Introduction to Statistics for the Life Sciences	
Select one course in developmental or abnormal psychology from the following:		3
PSCH 270	Introduction to Psychological and Behavioral Disorders [d]	
or PSCH 320	Developmental Psychology	

KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
Total Hours		**42-43**

a *Students completing an undergraduate degree at UIC must complete the General Education requirements. Students should consult the* General Education *(*p. 86*) section and their college/department sections of the catalog for more information on fulfilling these requirements.*

b *These courses are approved for the Analyzing the Natural World General Education category.*

c *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements: CHEM 122/CHEM 123; CHEM 124/CHEM 125.*

d *This course is approved for the Understanding the Individual and Society General Education category.*

e *PSCH 343 is limited to psychology majors or students in the neuroscience degree program. Other options include SOC 201 (for sociology majors), KN 200 (for KN majors) and STAT 101 and STAT 130.*

In addition, applicants must complete a minimum of 40 hours of documented physical therapy volunteer, observation, or work experiences by the application deadline. Current certification in CPR (cardiopulmonary resuscitation) with Health Provider Status is recommended prior to beginning the professional program.100+ hours of physical therapy observation, volunteer, work, or other clinical experience hours in a variety of environments is recommended. Students must also have earned a bachelor's degree prior to enrolling in the program.

The Graduate Record Examination (GRE) must be taken within five years of the date of application. Students must apply for admission to the program approximately one year before planned enrollment. A detailed breakdown of the evaluative criteria used by the Department of Physical Therapy Admissions Committee may be found online.

There are two parts to the application: the PTCAS application and the UIC application. Applicants to the DPT program must apply online using the Physical Therapist Centralized Application Service (PTCAS). Applicants can begin their PTCAS application in July. The PT program application deadline is October 1st. To learn more about the PTCAS application process, please visit the PTCAS website. The UIC application must be submitted electronically on or before October 1st. Both parts of the application are required for admission to the DPT program.

Pre-Veterinary Medicine

Pre-veterinary medicine students may choose any major, but should work with a Pre-Health Advisor to plan a course of study that fulfills the pre-veterinary medicine studies requirements as well as the requirements for the major.

The program listed below includes the minimum coursework required to apply for admission to the College of Veterinary Medicine at the University of Illinois Urbana-Champaign for students who plan to complete a BS/BA prior to entry. Students desiring to apply without a bachelor's degree should consult Plan B on the program website.

Required Coursework

Code	Title	Hours
Required Courses [a]		
BIOS 110	Biology of Cells and Organisms [b]	4
BIOS 120	Biology of Populations and Communities [b]	4
Select one of the following general chemistry sequences:		10
CHEM 122	Matter and Energy [b,c]	
CHEM 123	Foundations of Chemical Inquiry I [b,c]	
CHEM 124	Chemical Dynamics [b,c]	
CHEM 125	Foundations of Chemical Inquiry II [b,c]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [b]	
CHEM 232	Structure and Function	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis (recommended)	3
BIOS 352	Introductory Biochemistry	3-4
or CHEM 452	Biochemistry I	
Select one of the following general physics sequences:		8
PHYS 131 & PHYS 132	Introductory Physics for Life Sciences I and Introductory Physics for Life Sciences II [b]	
OR		
PHYS 141 & PHYS 142	General Physics I (Mechanics) and General Physics II (Electricity and Magnetism) [b]	
Total Hours		**37-38**

a *Students completing an undergraduate degree at UIC must complete the General Education requirements. Students should consult the* General Education *(*p. 86*) section and their college/department sections of the catalog for more information on fulfilling these requirements.*

b *These courses are approved for the Analyzing the Natural World General Education category.*

c *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements: CHEM 122/CHEM 123; CHEM 124/CHEM 125.*

Applicants are also encouraged to obtain work experience in the field of veterinary medicine.

The minimum science and cumulative GPA for admission to the UIUC College of Veterinary Medicine is 3.00/4.00. The competitive average, however, is considerably above this level at the present time. The GRE is now optional for admission to the UIUC College of Veterinary Medicine but may be required for other veterinary medical schools.

Applicants to the UIUC College of Veterinary Medicine must apply through the Veterinary Medical College Application Service (VMCAS). VMCAS opens in May; the UIUC College of Veterinary Medicine deadline is September 15. Students are advised to declare an educational goal of pre-veterinary medicine upon entering UIC which

will alert them to specific workshops, webinars, and other pertinent information.

The list of courses above includes the recommended courses for application to the UIUC College of Veterinary Medicine. Specific admission requirements of other veterinary medical schools are listed in the Veterinary School Directory on the Association of American Veterinary Medical Colleges website. An overview of the veterinary admission process is also available on the Association of American Veterinary Medical Colleges website.

Although the minimum requirement for application to the College of Veterinary Medicine at the University of Illinois Urbana-Champaign through "Plan B" is two years of college credit, few students are admitted at that point. Most students complete at least three years prior to application and earn a bachelor's degree before matriculating.

Pre-Nursing

The UIC College of Nursing offers admission to incoming first-year students to the Bachelor of Science in Nursing (BSN) program, but because of the interest and demand in nursing, not all eligible students can be admitted. LAS Pre-Health Advising assists pre-nursing students who are enrolled in the College of Liberal Arts and Sciences to prepare for a future in a nursing career. LAS Pre-Health advisors work with students to determine which pre-nursing pathway is the best option for them, whether that is preparing to apply to a BSN or Master's in Nursing (MSN) program after receiving a bachelor's degree from UIC or applying to transfer to the BSN major at UIC or another institution. While students can pursue any major in the College of Liberal Arts and Sciences, the Bachelor of Science Integrated Health Studies: Concentration in Behavioral Health major includes all of the prerequisites for nursing preparation and is a popular major with LAS students.

Prerequisite Coursework

There are two options for pursuing pre-nursing coursework in the College of Liberal Arts and Sciences: the General Pre-Nursing pathway and the BSN Transfer pathway. The General Pre-Nursing pathway includes common coursework required by nursing programs in the Chicagoland area. While this course of study is longer, it allows more flexibility in major selection and broader applicability of courses. It also allows students to more easily change between preprofessional and other interests if they are not fully committed to a nursing career. This is the recommended course of study for students pursuing Pre-Nursing in LAS.

The BSN Transfer pathway includes coursework specific to the UIC College of Nursing BSN and presumes interest in transferring to the College of Nursing. Transfer admission to the BSN is competitive and completion of the Pre-Nursing curriculum does not guarantee admission to the UIC College of Nursing or another BSN program. This pathway is shorter and the most targeted but provides fewer options for alternative majors to the BSN if a student is not admitted to the UIC College of Nursing.

Completion of coursework for either the General Pre-Nursing pathway or the BSN Transfer pathway does not guarantee admission to the UIC College of Nursing or other BSN or MSN programs. Nursing programs are competitive and include a holistic review of admission beyond completion of prerequisite coursework. All prerequisite coursework must be completed with a grade of C or higher.

BSN Transfer Pre-Nursing Pathway

The prerequisite coursework listed below prepares the student to apply to transfer to the Bachelor of Science in Nursing (BSN) major in the UIC College of Nursing. Completion of the following pre-nursing curriculum does not guarantee transfer admission to the UIC College of Nursing BSN or another BSN program. Nursing programs are competitive and include a holistic review of admission beyond completion of prerequisite coursework. All prerequisite coursework must be completed with a grade of C or higher.

The BSN Transfer Pre-Nursing pathway offers a shorter route to completion of nursing prerequisite coursework compared to the General Pre-Nursing pathway. However, it will make it more difficult for students to change to a science major due to differences in chemistry coursework if they are not admitted to the BSN in the UIC College of Nursing or another BSN program. Switching to an alternate science major may add up to approximately one year to the graduation timeline due to the differences in chemistry curriculum.

As an exception, the coursework in the BSN Transfer Pre-Nursing pathway will count towards major requirements for the LAS Bachelor of Science in Integrated Health Studies: Concentration in Behavioral Health major. Otherwise, students who wish to consider an alternate science major are recommended to utilize the General Pre-Nursing pathway below.

Code	Title	Hours
Required Courses for BSN Transfer Pre-Nursing Pathway		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 110	Biology of Cells and Organisms [a]	4
BIOS 250	Microbiology and Application to Health [a]	3
CHEM 115	Comprehensive General and Organic Chemistry [b,c]	5
KN 230	Anatomy and Physiology Lecture I [a]	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
NUEL 250	Human Development Across the Life Span [d]	3
or PSCH 320	Developmental Psychology	
HN 196	Nutrition [b]	3
STAT 101	Introduction to Statistics [e]	4
or STAT 130	Introduction to Statistics for the Life Sciences	
Exploring World Cultures course [f]		3
Understanding the Creative Arts course [f]		3
Understanding the Individual and Society course [f, g]		3
Understanding the Past course [f]		3
Understanding U.S. Society course [f, g]		3
LAS Electives (hours may vary)		4
Total Hours		**57**

a *BIOS 110 is a prerequisite course for BIOS 250 and KN 230.*

b *CHEM 115 is approved for the Analyzing the Natural World (with lab) General Education category, and HN 196 is approved for the Analyzing the Natural World (no lab) General Education category.*
c *CHEM 115, CHEM 116, CHEM 122/CHEM 123 or equivalents as determined by the College of Nursing are acceptable. Students may need to take additional LAS electives if fewer than 5 hours are earned in general chemistry.*
d *PSCH 242 is a prerequisite for PSCH 320. The credits for PSCH 242 may be counted toward the LAS Elective hours required.*
e *STAT 101 or STAT 130 satisfies the Quantitative Reasoning requirement.*
f *Students should consult the* General Education *section of the catalog for a list of approved courses in this category.*
g *PSCH 100 is recommended for the Understanding the Individual and Society requirement; SOC 100 is recommended for the Understanding U.S. Society requirement.*

General Pre-Nursing Pathway

The following coursework is broader prerequisite preparation than the minimum coursework required for entry into the UIC College of Nursing. The rigorous preparation of this pathway allows students to choose any science or non-science major in the College of Liberal Arts and Sciences. This path is ideal for students who are exploring a variety of health professions and/or who are interested in pursuing a science-based career.

Completion of the coursework in the General Pre-Nursing Pathway does not guarantee admission to the UIC College of Nursing or other BSN or MSN programs. Nursing programs are competitive and include a holistic review of admission beyond completion of prerequisite coursework. All prerequisite coursework must be completed with a grade of C or higher.

This course list assumes completion of a major in the College of Liberal Arts and Sciences and does not include total number of credits or courses required for that major or graduation.

Code	Title	Hours
Required Courses for General Pre-Nursing Pathway		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 110	Biology of Cells and Organisms [a]	4
BIOS 350	General Microbiology [a, d]	3
BIOS 351	Microbiology Laboratory	2
Select one of the following options for general chemistry:		5
CHEM 122	Matter and Energy [b, c]	
CHEM 123	Foundations of Chemical Inquiry I [b, c]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [b]	
CHEM 232	Structure and Function [d]	3
KN 230	Anatomy and Physiology Lecture I [a]	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
PSCH 320	Developmental Psychology	3
or NUEL 250	Human Development Across the Life Span	
HN 196	Nutrition [b]	3
STAT 130	Introduction to Statistics for the Life Sciences [e]	4
or STAT 101	Introduction to Statistics	
Exploring World Cultures course [f]		3
Understanding the Creative Arts course [f]		3
Understanding the Individual and Society course [f, g]		3-4
Understanding the Past course [f]		3
Understanding U.S. Society course [f, g]		3
Total Hours		**58-59**

a *BIOS 110 is a prerequisite course for BIOS 350 and KN 230.*
b *CHEM 122/CHEM 123 and CHEM 116 are approved for the Analyzing the Natural World (with lab) General Education category, and HN 196 is approved for the Analyzing the Natural World (no lab) General Education category.*
c *CHEM 122/CHEM 123 will be considered one course in meeting the LAS General Education requirement.*
d *CHEM 232 is required as a prerequisite or corequisite for BIOS 350*.
e *STAT 130 or STAT 101 satisfies the Quantitative Reasoning requirement. Students should consult their intended major before determining which Statistics course to complete.*
f *Students should consult the* General Education *section of the catalog for a list of approved courses in this category.*
g *PSCH 100 is recommended for the Understanding the Individual and Society requirement; SOC 100 is recommended for the Understanding U.S. Society requirement.*

Admission to the BS in Nursing (BSN)

Applications to transfer to the UIC College of Nursing Bachelor of Science in Nursing (BSN) program are accepted for fall admission only. Students applying to transfer to the BSN program must meet the following minimum requirements at the time of application:

1. 2.75/4.00 cumulative grade point average
2. 2.50/4.00 natural science grade point average (CHEM 115, BIOS 250, KN 230/KN 232, KN 231/KN 233)
3. Completion of all pre-nursing coursework with a grade of C or higher prior to enrollment. The four natural science courses (general chemistry, microbiology, and human anatomy and physiology lecture and lab I and II) must have been completed within seven years of enrollment. Two of the four natural science courses must be completed prior to the application deadline. Each human anatomy and physiology course lecture + lab pair (KN 230/KN 232 and KN 231/KN 233) are considered one course for the purpose of counting as one of the four natural science courses.

In addition, all students will be required to have a background check and drug test upon admission. If the results of either requirement indicate that a student would not be eligible for placement at the college's practicum agencies, the student's admission will be rescinded.

Applications are available in September. The standard application deadline is January 15; final application deadline is April 1. Students should see the program website for information regarding current application requirements as these may change without notice.

Pre-Pharmacy

The practice of pharmacy requires detailed knowledge of the physical and chemical properties of drugs as well as their particular biologic effects. Pharmacists practice in a variety of settings, including community pharmacies, hospitals, drug industries, and government agencies. Pharmacists may provide patient care, teach at colleges and universities, or may perform pharmaceutical research.

The preprofessional coursework listed below prepares the student to apply to the Doctor of Pharmacy program in the College of Pharmacy. The coursework generally requires a minimum of two full-time academic years of study. Most students require at least three years to complete prerequisite coursework. A majority of the students admitted to the College of Pharmacy have completed a bachelor's degree at the time of matriculation.

Preprofessional Coursework

Code	Title	Hours
Required Courses [a,b]		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Select one of the following:		3
COMM 100	Fundamentals of Human Communication [c]	
COMM 102	Introduction to Interpersonal Communication [c]	
BIOS 110	Biology of Cells and Organisms	4
BIOS 120	Biology of Populations and Communities	4
BIOS 350	General Microbiology	3
BIOS 351	Microbiology Laboratory	2
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
Select one of the following general chemistry sequences:		10
CHEM 122	Matter and Energy [d,e]	
CHEM 123	Foundations of Chemical Inquiry I [d,e]	
CHEM 124	Chemical Dynamics [d,e]	
CHEM 125	Foundations of Chemical Inquiry II [d,e]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [d]	
CHEM 118	Honors and Majors General and Analytical Chemistry II [d]	
CHEM 232	Structure and Function	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
Select one of the following biochemistry courses:		3-4
BIOS/CHEM 352	Introductory Biochemistry	
BIOS/CHEM 452	Biochemistry I	
Select one of the following mathematics courses:		4-5
MATH 165	Calculus for Business	
MATH 170	Calculus for the Life Sciences	
MATH 180	Calculus I	
Select one of the following statistics courses:		4
STAT 101	Introduction to Statistics	
STAT 130	Introduction to Statistics for the Life Sciences	
PHYS 131	Introductory Physics for Life Sciences I [d]	4
or PHYS 141	General Physics I (Mechanics)	
Social or behavioral sciences [f]		3
Humanities [f]		3
Total Hours		**67-69**

a *If science courses were taken more than five years prior to admission application, students must have their transcripts evaluated by a College of Pharmacy admissions counselor.*

b *Students completing a bachelor's degree at UIC must fulfill all the requirements of an undergraduate degree program, including General Education requirements. Students should consult their college and department sections of the catalog for information on completing their degree programs, including General Education requirements, as well as the* General Education (p. 86) *section of the catalog for a list of approved General Education courses in each category.*

c *These courses are approved for the Understanding the Individual and Society General Education category.*

d *These courses are approved for the Analyzing the Natural World General Education category.*

e *Each of the following pairs of courses will be considered one course in meeting the LAS General Education requirements; CHEM 122/CHEM 123; CHEM 124/CHEM 125.*

f *Students completing an undergraduate degree at UIC should meet with their academic advisor to select courses in the social or behavioral sciences and humanities that are approved for Exploring World Cultures, Understanding the Creative Arts, Understanding the Past, and Understanding U.S. Society General Education categories.*

Students apply for admission to the College of Pharmacy through the centralized application service (PharmCAS) sponsored by the American Association of Colleges of Pharmacy. Students should apply for admission approximately one year before enrollment.

The minimum GPAs (cumulative, science/math, pre-pharmacy requirement/prerequisite) for application to the program in pharmacy are 2.50/4.00. A minimum grade of C must be earned in each pre-pharmacy course. Please note that C minus (C-) grades received at other academic institutions will meet the minimum grade requirement.

The College of Pharmacy accepts applications for the fall semester admission only. PharmCAS applications are available starting in mid-July. The College of Pharmacy reviews applications on an ongoing basis beginning shortly after PharmCAS applications are made available. A UIC College of Pharmacy supplemental application is also required.

Additional information regarding the admission/application process can be found on the College of Pharmacy website.

Pre-Law

The goal of pre-law preparation at UIC is to give students the skills and information necessary to be able to enter an accredited law school after graduation. Law schools require a bachelor's degree prior to matriculation. Pre-law students must choose an undergraduate major and complete all requirements for that particular degree as there is no

specific coursework required to apply to law school. The American Bar Association does stress that there are important skills, values, knowledge, and experience which students can acquire prior to law school and that will provide a sound foundation for a legal education. These include problem-solving skills, critical-reading abilities, writing and editing skills, oral communication and listening skills, general research skills, organization and management skills, public service and promotion of justice, relationship-building and collaboration, background knowledge, and exposure to the law. More information on these skills and values may be found online in the American Bar Association Pre-Law section. Students who wish to prepare adequately for a legal education and for a career in law or for other professional services that involve the use of lawyering skills should seek educational, extracurricular, and life experiences that will assist them in developing those attributes.

The pre-law advisor is available to meet with interested UIC students from any college during individual advising sessions. Students are encouraged to meet with the pre-law advisor to discuss all aspects of the law school application process from LSAT preparation and letters of recommendation, to the personal statement and choosing the right schools. In addition to individual advising appointments, the pre-law advisor presents various workshops, information sessions, and experiential opportunities throughout the academic year. Each semester, a pre-law orientation session is presented, designed primarily for freshmen and students new to pre-law. Other on-campus sessions typically offered include: area law school information sessions, LSAT prep workshop, personal statement workshop, mock law school class experience, financing law school workshop, alumni in the law panel, and a professionalism workshop. Off-campus experiences such as organized visits to Chicago area courthouses are also planned each semester.

Interested students should also be sure to take some time to look over the Law School Admissions Council's website and the UIC pre-law website. In addition, prior to taking the LSAT, most law school admissions counselors and pre-law advisors recommend completing at least an introductory course in logic, such as UIC's PHIL 102, as the exam is heavily logic based.

Guaranteed Professional Program in Law

UIC has Guaranteed Professional Program Admissions (GPPA) arrangements with UIC School of Law for entering freshmen. More information on GPPA is available in the Admissions (p. 42) section of the catalog or the GPPA website.

Pre-Nutrition

The Department of Kinesiology and Nutrition offers a Bachelor of Science in Nutrition. The prerequisite course work listed below prepares the student to apply for the Nutrition program offered in the College of Applied Health Sciences. Completion of the Pre-Nutrition coursework does not guarantee admission to the College of Applied Health Sciences or to Nutrition Science program. Students admitted to the Nutrition Science program complete the final two years of coursework within the College of Applied Health Sciences.

Please see the Department of Kinesiology and Nutrition section of the catalog for more information or visit the department website.

Prerequisite Coursework

59 semester hours, exclusive of basic military science, distributed as follows:

Note: Students who do not place into certain courses or do not carefully plan sequential coursework should expect to take summer session courses or take longer than two years to complete pre-nutrition coursework. All prerequisite courses must be completed with a grade of C or higher.

Code	Title	Hours
Required Courses		
HN 100	Introduction to Nutrition: New Student Seminar	2
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
COMM 100	Fundamentals of Human Communication [a]	3
Understanding the Creative Arts course [b]		3
Understanding the Past course [b]		3
PSCH 100	Introduction to Psychology [a]	4
SOC 100	Introduction to Sociology [a,c]	3
BIOS 110	Biology of Cells and Organisms [d]	4
Select one of the following general chemistry sequences:		5
CHEM 122	Matter and Energy [d]	
CHEM 123	Foundations of Chemical Inquiry I [d]	
OR		
CHEM 116	Honors and Majors General and Analytical Chemistry I [d]	
CHEM 232	Structure and Function	3
BIOS 352	Introductory Biochemistry	3
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
MATH 110	College Algebra [e]	4
HN 110	Foods	3
HN 196	Nutrition	3
Total Hours		**59**

a *This course is approved for the Understanding the Individual and Society General Education category.*
b *Students should consult the* General Education *(*p. 86*) section of the catalog for a list approved courses in this category.*
c *This course is approved for the Understanding U.S. Society General Education category.*
d *This course is approved for the Analyzing the Natural World General Education category. General Education credit is given for successful completion of both* CHEM 122 *and* CHEM 123 *.*
e *Completion of MATH 110 may be satisfied through placement exam.*

The minimum GPA for application to the BS in Nutrition is 2.50/4.00. Students should contact the Department of Kinesiology and Nutrition for admission deadlines.

College of Nursing

Contact Information:
Campus Location: 118 College of Nursing (NURS)

(312) 996-7800
www.nursing.uic.edu

Administration:
Dean, Eileen Collins
102 NURS
Academic and Student Services: Office of Academic Engagement and Student Success, Fifth Floor, NURS
Departments: Biobehavioral Nursing Science; Human Development Nursing Science; Population Health Nursing Science

Introduction

The College of Nursing is recognized as one of the top colleges of nursing in the country and is internationally renowned for its nursing leadership. Exciting and challenging opportunities are available for capable, dedicated, and caring individuals who will be future leaders in healthcare. The University of Illinois School of Nursing was founded in 1951 and became the College of Nursing in 1959. The College of Nursing is located in close proximity to the Colleges of Applied Health Sciences, Dentistry, Medicine, Pharmacy, and the School of Public Health. The libraries and scientific and clinical resources make up one of the largest medical centers in the world.

The College of Nursing offers programs of study leading to the Bachelor of Science in Nursing; the Master of Science in Nursing, the Doctor of Philosophy and the Doctor of Nursing Practice with entry at the post-baccalaureate or post-master's level. In addition, the college offers a pre-licensure program of graduate study leading to a Master of Science in Nursing degree. The Master of Science Graduate Entry program is specifically designed for students who hold baccalaureate degrees in other fields and want to pursue a master's degree in nursing. In addition to the Chicago campus, the college has five regional sites within the state: Peoria, Quad Cities, Rockford, Springfield, and Urbana. The traditional Bachelor of Science in Nursing program is offered at the Chicago, Springfield, and Urbana sites. The master's graduate entry program is offered at the Chicago and Urbana sites. The PhD program is offered only at the Chicago site. The Master of Science (post-licensure) and Doctor of Nursing Practice are offered at all sites. The RN to BSN program is offered online through UIC Extended Campus.

Undergraduate Study in Nursing

The College of Nursing undergraduate program leads to the Bachelor of Science in Nursing. The curriculum is divided into three levels: foundation, middle, and terminal. The foundation level, freshman and sophomore years, includes those lower-division non-nursing courses that represent the basic learning necessary for the completion of the course of study. The middle level, junior year, includes most upper-division courses that prepare the graduate as a nurse generalist. The terminal level, senior year, represents those upper-division, senior-level courses at the end of the nursing program that synthesize previous learning.

The Bachelor of Science in Nursing provides students with the basic nursing preparation and eligibility to apply for the National Council Licensure Exam for Registered Nurses (NCLEX-RN). For students who are already licensed registered nurses and wish to further their education, the college offers an RN to BSN completion program (offered through UIC Extended Campus).

Accreditation

The baccalaureate degree program in nursing at the University of Illinois Chicago College of Nursing is accredited by the Commission on Collegiate Nursing Education (http://www.ccneaccreditation.org). It is also approved by the Illinois Department of Financial and Professional Regulation (IDFPR). The college holds membership in the American Association of Colleges of Nursing (AACN).

Admission

Applications to the BSN program are accepted for fall admission only. Students are admitted to the college in one of four ways:

1. first-year
2. transfer student (from UIC or another institution)
3. Dual Admission between contracted ADN degree programs and UIC College of Nursing.
4. Guaranteed Professional Program Admissions (GPPA) student. Information on the application process for the College of Nursing Springfield location and deadlines can be found on the college's GPPA website;

Applications to the RN/BSN program are accepted year-round; information on the application process and deadlines can be found on the College of Nursing website.

Applications to Dual Admission are specific to certain contractual partnerships with a variety of community colleges. Information on the application process and deadlines can be found on the UIC Extended Campus website.

First-Year Admission

Students seeking admission to the College of Nursing Chicago location who are recent high school graduates are classified as new freshmen. A holistic approach is used when reviewing each application because selecting students requires a careful and individualized review of each applicants' credentials. Consideration is given to high school GPA and the strength of the high school schedule and personal statements. Letters of recommendation, extracurricular activities, or any other supporting documents are also strongly considered in the review process.

There is no minimum to apply; however, the most successful candidates will have an ACT composite score of 28 (optional) or SAT score of 1310 or higher (optional) and an unweighted high GPA of 3.50 or above.

Transfer Admission Requirements

Students applying to the BSN program must meet the following minimum requirements:

1. 2.75/4.00 cumulative transfer grade point average at application deadline
2. 2.50/4.00 natural science grade point average at application deadline
3. Completion of all pre-nursing coursework (see *Course Requirements—Pre-Nursing Studies*) with a grade of C or higher prior to enrollment. Applicants must have **all BSN prerequisite** courses completed by the start of the program. The four natural science courses (human anatomy and physiology I and II, microbiology, and general chemistry) must be completed by the start of the program and must have been completed within seven years of enrollment.

Pre-nursing coursework can be completed at UIC or at another college or university. Applicants can view information about course

equivalencies and how courses transfer to UIC and the College of Nursing through Transferology. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

In addition, all students will be required to have a background check and drug test upon admission. If the results of either requirement indicate that a student would not be eligible for placement at the college's practicum agencies, the student's admission will be rescinded.

RN to BSN Program Admissions

Students applying to the RN to BSN program must meet the following minimum requirements:

1. A 2.50/4.00 cumulative transfer grade point average.
2. Current U.S. RN license. Students who apply for admission directly from an ADN or nursing diploma program must take the NCLEX after graduation and present the RN license to the college by the end of the first semester. Failure to pass the NCLEX-RN examination and/or present a current U.S. RN license will result in the student not being able to progress beyond the first semester of the program, until passing scores are provided.
3. Transcripts from all previous colleges/universities attended.

Students who have graduated from a state-approved associate degree in nursing (ADN) program and who hold a current license as registered professional nurse will receive 33 semester hours of proficiency credit. The credit will be awarded upon successful completion of 8 nursing semester hours in the RN to BSN program.

Dual Admission (DA) ADN + BSN Pathway Program

Students applying to the DA ADN + BSN program must meet the following minimum requirements:

1. Enrollment at a community college specified and contracted for DA ADN + BSN
2. Enrollment in pre-nursing or nursing degree as defined by the contract with the community college
3. A minimum 2.50/4.00 cumulative transfer GPA
4. Completion of a UIC College of Nursing RN to BSN program application

Students enrolled in the DA ADN + BSN program must meet the following minimum requirements in order to graduate:

1. Graduation from a state-approved associate degree in nursing (ADN) program which has contracted with UIC for DA ADN + BSN
2. An active U.S. registered nurse license
3. Completion of 57 semester hours of non-nursing courses, including UIC general education course requirements with a grade of C or higher
4. Completion of 33 UIC nursing proficiency credits
5. Completion of 30 hours in the UIC College of Nursing BSN Completion Degree with grade of C or higher
6. Compliance with UIC and UIC College of Nursing undergraduate student graduation requirements as indicated in university catalogs and student handbooks

Upon graduation from the contracted associate degree program, dual admission in both institutions ends and the students remains a UIC College of Nursing student only. However, the student must take the NCLEX-RN licensure examination as a graduate of the community college ADN degree program and present proof of exam passage and RN license to UIC College of Nursing by the end of the first semester of BSN-level-only courses. Failure to pass the NCLEX-RN examination and/or present a current U.S. RN license will result in the student not being able to progress beyond the first semester of the BSN completion program until passing scores and U.S. RN licensure are provided.

Students who have graduated from a state-approved associate degree in nursing (ADN) program contracted with UIC for DA ADN + BSN and who hold a current license as a registered professional nurse will receive 33 semester hours of proficiency credit. The credit will be awarded upon successful completion of 8 semester hours of the UIC BSN completion degree.

Guaranteed Professional Program Admissions (GPPA)

The Guaranteed Professional Program Admissions (GPPA) gives academically talented freshman applicants the opportunity to be admitted to University of Illinois Springfield with admission guaranteed to the College of Nursing Springfield BSN program if undergraduate course and performance criteria are met. For more information, please see the college's GPPA website.

Degree Requirements

To earn the Bachelor of Science in Nursing degree from UIC, students need to complete the degree requirements of the university and college that are in effect at the time of initial registration. It is essential for each student to become familiar with the degree requirements stated in this catalog and to keep up-to-date with published changes. If requirements change, continuing students and those whose attendance at UIC has been interrupted for no more than two years may elect to complete the new graduation requirements or may continue to fulfill those requirements in effect at the time of initial registration. Students who return to UIC after an absence of more than two years are responsible for meeting the requirements of the university and college in effect at the time of reenrollment. If courses originally required are no longer offered, the college has the prerogative of specifying substitutes.

Note: The college retains the right to change educational policy and graduation requirements at any time. This may affect currently enrolled students' standing.

Semester Hour Requirement

The College of Nursing requires 120 semester hours for graduation. Students can be admitted to the nursing program as first-year admission. Additionally, students can complete the first two years of the program through any college at UIC (the Pre-Nursing Studies program through the College of Liberal Arts and Sciences is the most common pathway), or another accredited college/university. If admitted to the College of Nursing, students complete the final two years in the Nursing curriculum. See Preprofessional Studies (p. 435) in the College of Liberal Arts and Sciences section of the catalog for more information on Pre-Nursing.

Degree Program	Degree Conferred	Total Hours
Nursing	BS in Nursing	120

Course Requirements

See the BS in Nursing (p. 450) page for Course Requirements.

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. As outlined in the Pre-Nursing Studies course list, College of Nursing students meet the university's General Education Core requirement of a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog.

General Education Proficiencies—University Writing Requirement

As noted in the Pre-Nursing Studies course list, College of Nursing students meet the requirement by achieving a passing grade in ENGL 160 and ENGL 161.

Other Requirements

Grade Point Average (GPA) Requirement

All students are required to satisfactorily complete with a minimum grade of C all required General Education and nursing courses and maintain a cumulative and nursing grade point average of at least 2.00/4.00.

Graduation Declaration/Filing to Graduate

Students declare their intent to graduate online using my.UIC.edu. The deadline for submission to the Pending Degree List is the end of the third week (fall and spring) or second week (Summer Session 2) of the term in which graduation is sought. Failure to submit the request at this time may delay the awarding of the degree. A final review will be made following the close of the term. If a student has satisfactorily completed all the degree requirements, the student's name will be placed on the official degree list.

Enrollment Residence Requirement

At a minimum, the last 30 semester hours of university work must be taken at the University of Illinois Chicago. Concurrent attendance at the University of Illinois Chicago and another collegiate institution or enrollment during the summer at another institution, when approved by the student's college, does not interrupt the UIC enrollment residence requirement for graduation.

College Policies

Academic Load

To be considered full-time, a student must be enrolled in a minimum of 12 semester hours fall and spring terms. During the regular academic year, an academic course load exceeding 18 semester hours must be approved in the College Office of Academic Engagement and Student Success.

Academic Notice and Dismissal Rules

Term Notice Rules

1. A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning.

A student on term notice who earns a UIC Term GPA of at least 2.00/4.00 will be removed from term notice.

Academic Notice Rules

When a student's academic performance falls below the standard of the BSN degree (e.g., receives one grade of D or less, or one grade of U in any course), they will receive a letter of warning from the Undergraduate Admissions and Academic Standards Committee, be placed on academic notice, and required to repeat the course.

A student who receives two (a second) grades below the standard (D or less, or U) will be subject to dismissal pending formal review by the UIC Nursing Undergraduate Admissions and Academic Standards Committee.

If a student's cumulative GPA falls below 2.00, the student is automatically placed on academic notice status by UIC Nursing.

A student currently on academic notice will remain on notice when:

- The student meets the grade point average required by the conditions of his or her notice but does not raise the cumulative UIC grade point average to at least 2.00; or
- The student meets the grade point average required by the conditions of his or her notice but does not raise the combined average of the student's transfer and UIC coursework to at least 2.00.

The Undergraduate Admissions and Academic Standards Committee determines the conditions of the academic notice. In addition to specifying the grade point average, the committee may require the completion of specific courses, may limit the number of hours for which the student registers, and may exclude the student from taking certain courses while on academic notice.

Dismissal Rules

A student on academic notice for GPA will be dismissed in any term in which:

- The student fails to meet the grade point average required by the academic notice and in which the cumulative grade point average in courses taken at UIC is less than 2.00/4.00.
- The student fails to meet the grade point average required by the academic notice and in which the combined transfer and UIC grade point average is less than 2.00.

A student who fails to make progress toward a degree may be dismissed. Examples include failure to complete required courses, accumulation of an excessive number of incomplete grades, failure to earn credit in 2 or more semesters.

Change of Course Schedule—Dropping Courses

Undergraduate students may drop courses using my.UIC.edu through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer

Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript. Undergraduate students may drop a maximum of 4 UIC individual courses that result in a W notation on their transcript during their entire undergraduate degree program.

College of Nursing students who wish to make changes to their registration must first meet with their academic advisor.

Attendance

Attendance at all classroom sessions and discussion groups is expected; missing classroom sessions and discussion groups can have an impact on the student's learning and course grade. Students are expected to prepare for each classroom session by completing the required readings and other assignments.

Clinical/Lab Attendance

Attendance at all clinical practicum and lab sessions per course is required. Students are expected to prepare for each clinical practicum or lab session by completing the required readings and other preparatory assignments. If a student anticipates having to miss clinical practicum or lab hours for any reason, the student must communicate this as soon as possible to the clinical practicum/lab instructor and to the Course Coordinator. Instructor and Coordinator will follow UIC Nursing policy to determine if the absence is excused (approved religious holiday; unscheduled acute illness of student; death in family; any unforeseen, untimely crisis, which could not have been avoided) or unexcused. Students are required to provide evidence or documentation of an excused absence, as soon after the absence as possible, and no later than the next scheduled clinical practicum or lab session. Absences, whether excused or unexcused, will have an impact on student's success in the course, up to and including failure of the course. Opportunities for making up missed clinical days or laboratory sessions are not available.

Students must attend all clinical practicum orientations for their assigned agency. Students who are not present for clinical practicum orientation, whether their absence is excused or unexcused, might not be allowed to continue in the course.

Petition Procedure

Students may petition the college's Associate Dean for Academic Affairs for exceptions to certain college regulations but should do so only after consulting with their advisor, whose recommendations must appear on the petition. Petition forms are available online or from the Office of Academic Engagement and Student Success. Petition forms must be submitted to the Office of Academic Engagement and Student Success and accompanied by a full explanation of the circumstances and any appropriate supporting documents. Petitions should be filed within thirty (30) days of the time an individual knows, or reasonably should have known, that an occurrence has affected his or her status. Petitions can take 4–6 weeks to be reviewed and a decision made.

Registration Approval

The College of Nursing has a mandatory advising policy. Before registering for courses each semester, students must meet with their advisor to discuss their degree plan and for required registration permits to be issued.

Repeat Policy for Standard Graded Courses

If a student does not receive a C grade or higher in a nursing course, the student is required to repeat the course. A student may repeat a nursing course or its equivalent only once. If a grade of C or higher is not earned at the end of the second registration in a nursing course or its equivalent, the student will be dismissed from the college.

A nonclinical nursing course in which a grade below C is received must be repeated the first term the course is offered again.

The original grade for the course and the grade for each repeat will appear on the transcript. The original grade and the grade for each repeat will be calculated into the grade point average. Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The semester hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Transferring

Intercollege Transfer Students

See previous section on Admissions.

Transfer Students from Other Colleges and Universities

See previous section on Admissions.

Requirements for All Students

Accommodation

Students requesting an accommodation for disabilities should contact the Disability Resource Center at (312) 413-2183 (voice) or (312) 413-0123 (TTY only) or visit the Disability Resource Center website.

The Disability Resource Center will evaluate the student's request and make recommendations to the College of Nursing. The college will determine if the recommendations can be met. No accommodations can be made until the student's situation is evaluated by the Disability Resource Center.

Alcohol and Controlled Substances

The use of alcohol and illegal use of controlled substances, including alcohol, can seriously injure the health of students, impair their performance of their responsibilities, and endanger the safety and well-being of fellow students and members of the general public. Students who are engaged in clinical work at a practicum site may be required to submit to random tests for illegal use of controlled substances as provided by the law or regulations of the contracting agency. Just cause for student disciplinary action includes, but is not limited to, use or unauthorized possession of intoxicants, controlled or illegal substances, or materials dangerous to public health and safety. It is not acceptable to use alcohol or illegal drugs prior to or during class or clinical. Immediate disciplinary action will be taken.

Background Check and Drug Testing

All students will be required to have a background check and drug test upon admission. If the results of either requirement indicate that the student would not be eligible for placement at the college's practicum agencies, the student's admission will be rescinded. Students may be required to repeat either requirement should the practicum agency require more frequent testing. If at any time during the period of enrollment, the student's background check or drug test results preclude placement in a practicum agency, the student will be required to withdraw from the program. At time of application for licensure, students will be required to submit to fingerprinting and be reviewed for eligibility by the Illinois Department of Financial and Professional Regulation (IDFPR).

Citizenship

Undocumented students are eligible to sit for licensure at time of graduation. However, the Illinois Department of Financial and Professional Regulation (IDFPR) requires resolution of the citizenship status within two years from date of initial licensure.

CPR Certification

Students must hold current CPR certification prior to enrolling in their first practicum course. Certification must be at the level of professional or healthcare worker rescuer, which includes the use of the AED, one- and two-man rescues for all ages, cricoid pressure, and the use of external inhalation devices. Students who do not provide this documentation will not be allowed to participate in practicum experiences.

Immunization

Students must document proof of immunity to register for courses and participate in clinical experiences. Upon admission, students will need to comply with all clinical compliance requirements found in the College of Nursing Student Handbook. Students who do not provide this documentation will not be allowed to participate in practicum experiences. Students are required to keep all immunizations current throughout their enrollment.

Transportation

Each student is responsible for his or her own transportation to all practicum sites. These sites may be located some distance from the College of Nursing and public transportation may not always be available. Therefore, students need a car. Students without a car will need to find alternative methods of transportation.

Academic Advising

Advising Policy

Prior to admission to the College of Nursing, prospective students should contact the UIC Office of Admissions regarding advice on acceptance of transfer credit. Following admission, students are assigned an advisor within the College of Nursing who will assist them with course and career planning. Mandatory advising is required each term.

Academic Honors

College Honors

At commencement, students are awarded College Honors for academic distinction. College Honors shall be awarded to the top 15% of students based on their nursing grade point average. Students will be awarded an Honor Cord. Graduation with College Honors benefits students when they are being considered for job placement, graduate school, and other competitive opportunities.

Sigma Theta Tau

The College of Nursing has the Alpha Lambda chapter of Sigma Theta Tau, the International Honor Society in Nursing. The purposes of the society are to recognize achievement of superior scholarship and the development of leadership qualities, foster high professional standards, encourage creative work, and strengthen the commitment by individuals to the ideals and purposes of the profession of nursing. Seniors and graduate students are eligible for membership.

Degree Programs

- BS in Nursing (p. 450)
- RN/BSN Completion Program (p. 451)

BS in Nursing

Program Codes:
20FW1498BSN (Chicago), 20FW1498BSN4 (Springfield), 20FW1498BSN1 (Urbana)

Degree Requirements

Code	Title	Hours
Summary of Requirements		
Pre-Nursing Studies		57
Course Requirements in the College of Nursing		63
Total Hours		**120**

Course Requirements—Pre-Nursing Studies

Code	Title	Hours
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3

ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 250	Microbiology and Application to Health [a]	3
CHEM 115	Comprehensive General and Organic Chemistry [b,c]	5
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
NUEL 250	Human Development Across the Life Span	3
HN 196	Nutrition	3
STAT 101	Introduction to Statistics	4
or STAT 130	Introduction to Statistics for the Life Sciences	
Exploring World Cultures course [d]		3
Understanding the Creative Arts course [d]		3
Understanding the Individual and Society course [d,e]		3
Understanding the Past course [d]		3
Understanding U.S. Society course [d,e]		3
LAS Electives (hours vary) [f]		0-8
Total Hours		**57**

a *Students completing the microbiology requirement at UIC will need to complete CHEM 115 and BIOS 110 as prerequisites for BIOS 250.*

b *CHEM 115 is approved for the Analyzing the Natural World (with lab) General Education category, and HN 196 is approved for the Analyzing the Natural World (no lab) General Education category.*

c *CHEM 115, CHEM 116, CHEM 122/CHEM 123 or equivalents as determined by College of Nursing are acceptable. Students may need to take additional LAS electives if fewer than 5 hours are earned in General Chemistry.*

d *Students should consult the General Education section of the catalog for a list of approved courses in this category.*

e *For the Understanding the Individual and Society requirement, PSCH 100 is recommended; for the Understanding U.S. Society requirement, SOC 100 is recommended.*

f *Students may need to use electives to take an additional course(s) approved for General Education to meet the university requirement of 24 hours distributed across the six categories.*

Course Requirements in the College of Nursing: BSN

Code	Title	Hours
Required Courses		
NURS 228	Readiness for Professional Nursing Practice	2
NURS 409	Health Assessment and Communications	5
NURS 411	Foundations of Nursing Practice	7
NURS 419	Pathophysiology and Pharmacology 1	4
NURS 420	Patho-Pharm 2	3
NURS 423	Adult Health Nursing 1	7
NURS 433	Adult Health Nursing 2	6
NURS 438	Introduction to Evidence-Based Practice	3
NURS 443	Nursing Care of Women and Childbearing Families	4
NURS 448	Leadership in Professional Nursing Practice	6
NURS 453	Pediatric Health Nursing	4
NURS 458	Transition to Professional Nursing Practice	4
NURS 463	Psychiatric-Mental Health Nursing	4
NURS 473	Population Health Nursing	4
Total Hours		**63**

BSN Sample Curriculum

Course	Title	Hours
Junior Year		
Fall Semester		
NURS 409	Health Assessment and Communications	5
NURS 411	Foundations of Nursing Practice	7
NURS 419	Pathophysiology and Pharmacology 1	4
	Hours	**16**
Spring Semester		
NURS 420	Patho-Pharm 2	3
NURS 423	Adult Health Nursing 1	7
One of the following:		4
NURS 443	Nursing Care of Women and Childbearing Families	
NURS 463	Psychiatric-Mental Health Nursing	
NURS 228	Readiness for Professional Nursing Practice	2
	Hours	**16**
Senior Year		
Fall Semester		
NURS 433	Adult Health Nursing 2	6
One of the following:		4
NURS 453	Pediatric Health Nursing	
NURS 473	Population Health Nursing	
One of the following:		4
NURS 443	Nursing Care of Women and Childbearing Families	
NURS 463	Psychiatric-Mental Health Nursing	
NURS 438	Introduction to Evidence-Based Practice	3
	Hours	**17**
Spring Semester		
NURS 458	Transition to Professional Nursing Practice	4
NURS 448	Leadership in Professional Nursing Practice	6
One of the following:		4
NURS 453	Pediatric Health Nursing	
NURS 473	Population Health Nursing	
	Hours	**14**
	Total Hours	**63**

RN to BSN Completion Program

Program Code: 2PFW6170BSNU

RN to BSN and Dual Admission (DA) ADN + BSN Course Requirements: Non-Nursing Studies

See the BS in Nursing (p. 450) page for requirements pertaining to the four-year degree program.

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
BIOS 250	Microbiology and Application to Health [a]	3
CHEM 115	Comprehensive General and Organic Chemistry [b,e]	5
KN 230	Anatomy and Physiology Lecture I	3
KN 231	Anatomy and Physiology Lecture II	3
KN 232	Anatomy and Physiology Laboratory I	2
KN 233	Anatomy and Physiology Laboratory II	2
NUEL 250	Human Development Across the Life Span	3
HN 196	Nutrition	3
Exploring World Cultures course [c]		3
Understanding the Creative Arts course [c]		3
Understanding the Individual and Society course [c,d]		3
Understanding the Past course [c]		3
Understanding U.S. Society course [c,d]		3
LAS Electives to reach 57 hours (hours vary, minimum of 12) [f]		12
Total Hours		**57**

a *BIOS 110 is a prerequisite for this course.*

b *This course is approved for the Analyzing the Natural World (with lab) General Education category.*

c *Students should consult the General Education section of the catalog for a list of approved courses in this category.*

d *For the Understanding the Individual and Society requirement, PSCH 100 is recommended; for the Understanding U.S. Society requirement, SOC 100 is recommended.*

e *Students applying for the RN/BSN Program are required to take a total of 4–5 hours of chemistry. This requirement can be fulfilled by taking any of the following UIC courses: CHEM 100, CHEM 105, CHEM 115, CHEM 122/CHEM 123, CHEM 124/CHEM 125, CHEM 116, CHEM 118, or by completing a 4- to 5-hour chemistry lab course at an accredited community college, college, or university that also satisfies the UIC Analyzing the Natural World lab requirement. These students may need to take additional course(s) approved for General Education to meet the university requirement of 24 hours distributed across the six categories.*

f *Students applying for the RN/BSN Program are not required to take either introductory statistics or organic chemistry. As a result, these students will need to take hours of LAS electives to meet the 57 hours of non-nursing requirements.*

Course Requirements in the College of Nursing: RN to BSN and Dual A ADN + BSN

Code	Title	Hours
Required Courses		
NURS 212	Health Assessment and Communication	3
NURS 232	Concepts in Professional Nursing (Concepts in Professional Nursing)	3
NURS 312	Nursing Research and Statistics Methods for EBP (Nursing Research and Statistical Methods for Evidence-Based Practice)	3
NURS 316	Nursing Informatics	3
NURS 332	Caring Theory in Professional Nursing Practice	3
NURS 352	Population Focused Nursing Care	3
NURS 362	Nursing Health Promotion	3
NURS 372	Leadership and Management in Nursing	3
NURS 382	Nursing Role in Healthcare Quality and Safety	3
NURS 397	Issues in Nursing Practice	3
Total Hours		**30**

Sample Curriculum: RN to BSN

Note: RN to BSN Courses are eight weeks in length.

Code	Title	Hours
Courses		
NURS 212	Health Assessment and Communication	3
NURS 232	Concepts in Professional Nursing	3
NURS 312	Nursing Research and Statistics Methods for EBP	3
NURS 316	Nursing Informatics	3
NURS 332	Caring Theory in Professional Nursing Practice	3
NURS 352	Population Focused Nursing Care	3
NURS 362	Nursing Health Promotion	3
NURS 372	Leadership and Management in Nursing	3
NURS 382	Nursing Role in Healthcare Quality and Safety	3
NURS 397	Issues in Nursing Practice	3
Total Hours		**30**

Sample Curriculum: DA ADN + BSN

Progression of courses varies with specific community college partnership, but generally follows a pattern of:

- Months 1 to 12: Non-nursing, general education courses
- Months 13 to 36: ADN nursing courses, remaining non-nursing courses, 1 to 3 BSN courses
- Months 37 to 48: Remaining BSN completion courses

Months above are approximations.

Enrollment Residence Requirement

Per the UIC Enrollment Residence Requirement Policy, the College of Nursing affirms that for students enrolled in the RN to BSN Completion Program concurrent attendance at the University of Illinois Chicago and

another collegiate institution, or enrollment at another institution, does not interrupt the UIC enrollment residence requirement for graduation.

Retzky College of Pharmacy

Contact Information:
Retzky College of Pharmacy
Student Services Center
833 S Wood St., Room 172 (MC 874)
Chicago, IL 60612-7230
(312) 996-7242
https://pharmacy.uic.edu/programs/bsps-program

Administration:
Assistant Dean for Student Affairs and Undergraduate Education: Charles E. McPherson, III

Introduction

The Bachelor of Science in Pharmaceutical Sciences (BSPS) offers two pathways, the BSPS and the BSPS/PharmD, that afford graduates a great degree of flexibility. All students, regardless of their pathway will be admitted to the BSPS program in their third undergraduate year or upon meeting all the requirements. Of the students who are admitted to the BSPS program, some will also seek admission to the PharmD program. Admission to the BSPS program does not guarantee admission into the PharmD program. BSPS students admitted to the PharmD program will be considered professional students for the fourth year of their BSPS program. BSPS graduates are prepared for careers in the pharmaceutical industry, pharmaceutical research, pharmaceutical administration, and pharmaceutical sales, biotechnology, drug manufacturing, regulatory affairs, and many other related fields. It also situates the graduate perfectly for additional study at a professional school or graduate school. Graduates with the BSPS/PharmD will be more competitive than other non-bachelor's PharmD graduates in Illinois and in the region for employment, residencies, fellowships, and graduate school.

Admission

Admission into the BSPS program occurs during the fall and spring semesters. The BSPS offers two pathways—the BSPS Pathway and the BSPS/PharmD Pathway. Students in all pathways will be admitted to the BSPS program in their third undergraduate year or upon meeting all the requirements described below.

For full consideration, the following minimum admission criteria must be met:

- 2.75/4.00 cumulative transfer GPA
- 2.50/4.00 science/math GPA
- Completion of a minimum of 58 hours of college-level coursework, including the Pre-Pharmaceutical Sciences Requirements (p. 456) listed on the BSPS degree page in the catalog. A grade of C or above must be earned in all coursework.
- Pre-Pharmaceutical Sciences coursework can be completed at UIC or at another college or university. Applicants can view information about course equivalencies and how courses transfer to UIC and the College of Pharmacy through Transferology. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

BSPS/PharmD Pathway

Students pursuing the BSPS/PharmD Pathway apply to the PharmD program during their third undergraduate year. The application to the PharmD Program is separate from the BSPS application. Admission requirements and information for the PharmD program can be found on the College of Pharmacy website. Admission to the BSPS program does not guarantee admission into the PharmD program. BSPS students admitted to the PharmD Program will be considered professional students for the fourth year of their BSPS Program.

Degree Requirements

To earn a College of Pharmacy degree from UIC, students need to complete university and college degree requirements, which are outlined below.

Semester Hour Requirement

Major	School	Degree Conferred	Total Hours
Pharmaceutical Sciences	Pharmacy	BS in Pharmaceutical Sciences	120

Course Requirements

See the BS in Pharmaceutical Sciences (p. 456) page for Course Requirements.

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. Students are required to complete a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education section of the catalog. Information on meeting the General Education requirements for this program is listed in the Pre-Pharmaceutical Sciences Requirement course list.

General Education Proficiencies—University Writing Requirement

As noted in the Pre-Pharmaceutical Studies course list, College of Pharmacy students meet the requirement by achieving a grade of C or above in ENGL 160 and ENGL 161.

Other Requirements

Grade Point Average (GPA) Requirement

At a minimum, BSPS students must receive a C or above in all major courses within the program and have a minimum of 2.00/4.00 in work taken at the University of Illinois Chicago, in all work taken in the major, and in all work accepted by the university as transfer hours. All students

in the fourth year of the program will adhere to the faculty expectations for achievement in College of Pharmacy courses.

Graduation Declaration/Filing to Graduate

Students declare their intent to graduate by submitting an Intent to Graduate Form via Student Self-Service. The submission deadline is Friday of the third week of the fall and spring semesters, Friday of the second week in summer. Failure to submit the form by the deadline may delay the awarding of the degree.

Enrollment Residence Requirement

At a minimum, the last 30 semester hours of coursework must be taken at the University of Illinois Chicago. Concurrent attendance at the University of Illinois Chicago and another collegiate institution or enrollment during the summer at another institution, when approved by the student's college, does not interrupt the UIC enrollment residence requirement for graduation.

Transfer Credit

Coursework completed at other colleges and universities may apply toward partial fulfillment of graduation requirements and may be used as prerequisites for courses at UIC. The University of Illinois Chicago is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows for the transfer of the IAI-approved General Education Core Curriculum between participating institutions. Please consult Illinois Articulation Initiative in the Admissions (p. 42) section of the catalog. The final decision, however, regarding the acceptance of credit and courses that apply toward degree requirements is made by the College of Pharmacy.

Students who transfer coursework may anticipate some loss of credit and may require more time to complete the degree than originally planned. When credit loss occurs, it does not imply a negative evaluation of a student's transfer work but rather a lack of appropriateness for the programs of the college. For more information regarding the transferability of credits prospective students may create an account at Transferology.

Transfer Credit for Continuing Students

Continuing students planning to take non-UIC courses must get prior approval from the College of Pharmacy.

College Policies

Academic Load

To be considered full-time, a student must be enrolled in a minimum of 12 semester hours fall and spring terms. During the regular academic year, an academic course load exceeding 18 semester hours must be approved in the College of Pharmacy Office of Student Affairs.

Academic Notice and Dismissal Rules

Deficit Points and Academic Recovery

To better understand term and academic notice, dismissal, and academic recovery, it is important to understand deficit points. Students who have earned a UIC total GPA below a 2.00 will have negative deficit points. Deficit points are calculated as follows: multiply the number of semester hours for each course taken by the points for the grade received, A=+2, B=+1, C=0, D=-1, F=-2. Add the points for each course taken during the semester. The total equals the deficit points used to determine term and academic notice status and dismissal. For every negative deficit point earned, an equivalent in positive points must be earned to offset the negative, returning the GPA to 2.00, and good academic standing. As an example, students with a -14 deficit would need a subsequent semester of 14 semester hours of B grades, with nothing less than a C in order to return to good standing. A personalized degree audit found in uAchieve details academic deficit, semester, and total GPAs.

Term Notice Rules

1. A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning.

A student on term notice who earns a UIC Term GPA of at least 2.00/4.00 will be removed from term notice.

Academic Notice Rules

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.00/4.00. This rule applies even for the student with a cumulative GPA of 2.00/4.00 or higher. For such a student, academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with cumulative GPA lower than 2.00/4.00.
3. A student readmitted by petition may be placed on academic notice when admitted with a UIC GPA lower than 2.00/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.00/4.00.

A student on academic notice who earns a GPA of at least 2.00/4.00 in a given term will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC coursework must also be at least a 2.00/4.00.

A student currently on academic notice will be continued on academic notice when the one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the student's transfer credit and UIC coursework to at least 2.00/4.00.

The College of Pharmacy Academic Standing Committee (ASC) determines the conditions of academic notice. In addition to specifying the GPA, the ASC may require the completion of specific courses, may limit the number of hours for which the student registers, and a may exclude the student from taking certain courses while on academic notice.

Dismissal Rules

1. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the grade point average required by the academic notice and in which the cumulative GPA in courses taken at UIC is less than 2.00/4.00.
2. A student on academic notice may be dismissed from the university in any term in which the student fails to meet the GPA required by the academic notice and in which the combined transfer and UIC grade point average is less than 2.00/4.00.

3. A student who fails to make progress toward a degree may be dismissed. Examples include failure to complete required courses, accumulation of an excessive number of Incomplete grades, failure to earn credit in any semester, failure to maintain a C average in the major discipline.
4. In addition to the term notice, academic notice, and dismissal rules above, a college or a school may impose criteria for dismissing a student from a curriculum or college without prior academic standing of term notice or academic notice, may impose other terms of term notice or academic notice, and may specify a minimum lapse of time between a dismissal action and consideration of a petition for readmission. The dismissal rules may be waived when, in the judgment of the student's college, the student's overall record warrants such action.

[a] *In other university publications, Dismissal Rules are sometimes referred to as Drop Rules. Term Notice and Academic Notice may be referred to as Probation.*

Appeal of a Dismissal Decision

Students who have been dismissed may apply for readmission after two terms (excluding the summer session), applications originate at the Office of Admissions. It is important to note, that students are afforded 15 weeks to complete a term withdrawal, available online, through the last day of instruction. If a serious health or personal issue prevented the student from completing the online term withdrawal by the deadline, or extenuating circumstances prevented the student from completing finals, students will have the limited opportunity to meet with the Assistant Dean of Undergraduate Education in the College of Pharmacy to petition for immediate reinstatement. The student may request immediate reinstatement by following the guidelines as outlined in the college dismissal letter.

Change of Course Schedule

Undergraduate students may drop courses using my.UIC through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript. Undergraduate students may drop a maximum of 4 UIC individual courses that result in a W notation on their transcript during their entire undergraduate degree program.

Class Attendance

Each instructor establishes the attendance policy for the class, including penalties for nonattendance. Failure to attend classes does not result in automatic withdrawal from a course. The college expects that students will attend all classes.

Course Prerequisites

A student must satisfy the prerequisites before enrolling in a course. A student enrolling in a course without having met the prerequisites may be withdrawn from the course. Course prerequisites are listed in both the course descriptions in this catalog and the Schedule of Classes. Only the instructor may waive the prerequisite, if given evidence that the student is adequately prepared to pursue the subject.

Credit/No Credit Option

A student must consult with the Assistant Dean of Undergraduate Education to determine whether Credit/No Credit is an option.

Double Major, Double Degrees, and Second Bachelor's Degree

Double Major

The BSPS degree is the College of Pharmacy's only undergraduate degree. Therefore, it is not an option for a student to double major.

Double Degrees

In some cases, a BSPS student may receive two degrees concurrently. A student wishing to earn a double degree must consult with the Assistant Dean of Undergraduate Education. Generally speaking, the student must complete 30 semester hours of credit at UIC beyond the requirements for the first degree in courses not offered for the first degree. In addition, the student must complete all requirements for both degrees. Double degrees will not be approved if the BSPS degree and the proposed second degree involve the study of a similar area or substantial duplication of coursework.

For the purposes of declaration, a student must be in good academic standing. A BSPS student must consult an academic advisor in the College of Pharmacy to initiate a request for double degrees. The college does not approve requests for more than two bachelor's degrees.

The following double degree program combinations are prohibited:

- BS in Pharmaceutical Sciences/BS in Biochemistry
- BS in Pharmaceutical Sciences/BA in LAS Major in Chemistry
- BS in Pharmaceutical Sciences/BS in LAS Major in Integrated Health Studies, Concentration in Behavioral Health
- BS in Pharmaceutical Sciences/BS in LAS Major in Integrated Health Studies, Concentration in Health and Science

Second Bachelor's Degree

Students who have already earned a bachelor's degree at UIC or another institution are required to follow the same application procedures as all other applicants in order to pursue a second bachelor's degree. Students must complete all requirements for the second degree as specified by the college and the major department, including a minimum of 30 semester hours beyond those required for the first degree. The UIC enrollment residence requirement must also be met, i.e., the last 30 semester hours for the second degree must be taken at UIC. A second bachelor's degree is not permitted when there is substantial course overlap between the first and second degrees.

Minors

Although a minor is not required, a student may elect to complete one or more minors. BSPS students may complete a minor in another college, with the approval of that college. Discussion about the possibility of a minor fitting into a student's BSPS program should start with the BSPS program.

Graduate-Level Courses for Undergraduate Credit

With approval from the Assistant Dean for Undergraduate Education and permission from the professor, an undergraduate student may enroll in a course at the graduate level (400 or 500 level) for undergraduate credit. Prior to enrollment, students must obtain approval and must have met course prerequisites.

Students should understand that graduate-level courses taken by an undergraduate student are generally not applicable toward a graduate degree.

Petition Procedure

Students may file a written petition with their individual department to request an exception to college policies. It is the student's responsibility to provide documentation in support of a petition. To be eligible for consideration a petition must address an academic term within the last two years. Submission of a petition does not imply approval.

Registration Approval

All new students are required to either receive advising or attend an orientation program prior to registration.

Repeat Policy for Standard Graded Courses

Students may repeat a course to increase their knowledge of the subject matter. There are circumstances under which repeating a course is advisable and to a student's advantage. There are also circumstances where repeating a course may disadvantage a student and narrow a student's options. Some colleges require students to discuss any plan to repeat a course with their academic advisor before they register to repeat the course.

Courses with A or B grades may not be repeated. Normally, courses with a C grade may not be repeated. Courses with D or F grades may be repeated once without written permission. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once requires written permission from the student's college dean. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The semester hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Transferring

Intercollege Transfer Students

See previous section on Admissions.

Transfer Students from Other Universities

See previous section on Admissions.

Academic Advising

Advising Policy

Prior to admission into the BSPS program, prospective students should contact the College of Pharmacy regarding advice on acceptance of transfer credit. Following admission, students are assigned a BSPS program advisor who will assist them with course and career planning.

Academic Honors

College Honors

The student who has demonstrated outstanding academic excellence throughout the entire undergraduate program may be eligible for graduation with Latin Honors (e.g. Summa Cum Laude, Magna Cum Laude, and Cum Laude). College Honors will be awarded at the time of graduation to those students who have earned a UIC and cumulative GPA of at least 3.50/4.00.

Dean's List

Each semester the Dean's List honors the academic excellence of students enrolled in the college's undergraduate programs. Students must be full time and earn at least 12 semester hours of letter grades in his or her respective department to be eligible. Students must also earn a semester grade point average of 3.50/4.00 or higher.

Degree Programs

- BS in Pharmaceutical Sciences (p. 456)

BS in Pharmaceutical Sciences

Degree Requirements

Code	Title	Hours
Summary of Requirements		
Pre-Pharmaceutical Sciences Requirements		58-60
Major Requirements (Core and Selective)		48-52

Electives to Reach Minimum Hours	8-14
Total Hours	**120**

Pre-Pharmaceutical Sciences Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Select one of the following general chemistry sequences:		10
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [a]	
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [a]	
OR		
CHEM 116 & CHEM 118	Honors and Majors General and Analytical Chemistry I and Honors and Majors General and Analytical Chemistry II	
Select one of the following:		3
COMM 100	Fundamentals of Human Communication [b]	
COMM 102	Introduction to Interpersonal Communication [b]	
BIOS 110	Biology of Cells and Organisms [c]	4
BIOS 120	Biology of Populations and Communities [c]	4
CHEM 232	Structure and Function	3
CHEM 233	Synthesis Techniques Laboratory	2
CHEM 234	Chemical Synthesis	3
Select one of the following:		3-4
PHYS 118	Physics in Modern Medicine [c]	
PHYS 131	Introductory Physics for Life Sciences I [c]	
PHYS 141	General Physics I (Mechanics) [c]	
Select one of the following:		4-5
MATH 165	Calculus for Business [c]	
MATH 170	Calculus for the Life Sciences [c]	
MATH 180	Calculus I [c]	
Select one of the following:		4
STAT 101	Introduction to Statistics	
STAT 130	Introduction to Statistics for the Life Sciences	
PHAR 200 and PHAR 201 should be completed by UIC students before admission to the program.		
Four General Education courses [d]		12
Total Hours		**58-60**

a *Each of the following pairs will be considered one course in meeting the Analyzing the Natural World General Education category: CHEM 122/CHEM 123, CHEM 124/CHEM 125.*

b *This course is approved for the Understanding the Individual and Society General Education category.*

c *This course is approved for the Analyzing the Natural World General Education category.*

d *All students need to complete UIC General Education requirements (i.e., students must earn a minimum of 24 hours of General Education credit with at least one course in each of six categories: Analyzing the Natural World, Understanding the Individual and Society, Understanding the Creative Arts, Understanding the Past, Understanding US Society, and Exploring World Cultures). The* General Education (p. 86) *section of the catalog lists courses that fulfill each category. UIC students may need to complete some General Education courses after admission to program.*

Pharmaceutical Sciences Major Requirements

Code	Title	Hours
Required Core Courses		
BIOS 350	General Microbiology	3
BIOS 351	Microbiology Laboratory	2
Select one of the following:		3
BIOS/CHEM 352	Introductory Biochemistry	
BIOS/CHEM 452	Biochemistry I	
Select one of the following anatomy and physiology sequences:		6-10
KN 230 & KN 231	Anatomy and Physiology Lecture I and Anatomy and Physiology Lecture II	
KN 230 & KN 232 & KN 231 & KN 233	Anatomy and Physiology Lecture I and Anatomy and Physiology Laboratory I and Anatomy and Physiology Lecture II and Anatomy and Physiology Laboratory II	
Select one of the following (3 hours total): [a]		3
PSCI 300	Undergraduate Research Experience in Pharmaceutical Sciences	
PSOP 300	Undergraduate Research Experience in Pharmacy Systems, Outcomes and Policy	
PMPR 300	Undergraduate Research Experience in Pharmacy Practice	
PHAR 200	Introduction to Pharmaceutical Sciences [b]	3
PHAR 201	Pharmaceutical Care in the US [b]	3
PHAR 410	Integrated Physiology	3
PHAR 422	Fundamentals of Drug Action	4
PHAR 423	Fundamentals of Drug Action II	4
PHAR 431	Pharmaceutics I - Pharmaceutics Principles, Drug Delivery Systems, and Calculations	3
PHAR 432	Pharmaceutics II – Pharmaceutical Dosage Forms and Calculations	2
PHAR 435	Pharmacokinetics	3
PHAR 438	Introduction to Drug Information	1

PHAR 461	Pharmacy and the U.S. Healthcare System	2
Select one of the following (3 hours minimum):		3
BIOS 220	Genetics	
BIOS 416	Natural Products	
BIOS 450	Advanced Microbiology	
BIOS 458	Biotechnology and Drug Discovery	
Total Hours		**48-52**

a *Students must earn 3 hours in a single course, but may earn the credit over multiple semesters.*

b *Non-UIC students will complete PHAR 200 and PHAR 201 after admission to the BS in Pharmaceutical Sciences. UIC students who plan to apply to the BS should complete PHAR 200 and PHAR 201 before admission to the program.*

Electives

Code	Title	Hours
Electives		
Select elective courses to reach minimum total hours.		8-14
Total Hours		**8-14**

Sample Plan of Study

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts [a]	3
One of the following:		5
CHEM 122 & CHEM 123	Matter and Energy and Foundations of Chemical Inquiry I [a]	
CHEM 116	Honors and Majors General and Analytical Chemistry I	
COMM 100	Fundamentals of Human Communication [a]	3
Exploring World Cultures General Education course [a]		3
	Hours	**14**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research [a]	3
One of the following:		5
CHEM 124 & CHEM 125	Chemical Dynamics and Foundations of Chemical Inquiry II [a]	
CHEM 118	Honors and Majors General and Analytical Chemistry II	
BIOS 110	Biology of Cells and Organisms [a]	4
Understanding the Creative Arts General Education course [a]		3
	Hours	**15**
Second Year		
Fall Semester		
PHAR 200	Introduction to Pharmaceutical Sciences [b]	3
CHEM 232	Structure and Function	3
BIOS 120	Biology of Populations and Communities [a]	4
MATH 170	Calculus for the Life Sciences [a]	4
	Hours	**14**
Spring Semester		
CHEM 233 & CHEM 234	Synthesis Techniques Laboratory and Chemical Synthesis	5
STAT 130	Introduction to Statistics for the Life Sciences	4
PHAR 201	Pharmaceutical Care in the US [b]	3
PHYS 131	Introductory Physics for Life Sciences I [a]	4
	Hours	**16**
Third Year		
Fall Semester		
BIOS 350 & BIOS 351	General Microbiology and Microbiology Laboratory	5
BIOS 352	Introductory Biochemistry	3
KN 230	Anatomy and Physiology Lecture I	3
PSCI 300 or PSOP 300 or PMPR 300	Undergraduate Research Experience in Pharmaceutical Sciences or Undergraduate Research Experience in Pharmacy Systems, Outcomes and Policy or Undergraduate Research Experience in Pharmacy Practice	1
Understanding the Past General Education course		3
	Hours	**15**
Spring Semester		
KN 231	Anatomy and Physiology Lecture II	3
BIOS 220 or BIOS 416 or BIOS 450 or BIOS 458	Genetics or Natural Products or Advanced Microbiology or Biotechnology and Drug Discovery	3
PSCI 300 or PSOP 300 or PMPR 300	Undergraduate Research Experience in Pharmaceutical Sciences or Undergraduate Research Experience in Pharmacy Systems, Outcomes and Policy or Undergraduate Research Experience in Pharmacy Practice	2
Understanding U.S. Society General Education course [a]		3
Elective		4
	Hours	**15**
Fourth Year		
Fall Semester		
PHAR 410	Integrated Physiology	3
PHAR 422	Fundamentals of Drug Action	4
PHAR 431	Pharmaceutics I - Pharmaceutics Principles, Drug Delivery Systems, and Calculations	3
PHAR 435	Pharmacokinetics	3
Elective		3
	Hours	**16**
Spring Semester		
PHAR 423	Fundamentals of Drug Action II	4
PHAR 432	Pharmaceutics II – Pharmaceutical Dosage Forms and Calculations	2
PHAR 438	Introduction to Drug Information	1
PHAR 461	Pharmacy and the U.S. Healthcare System	2
Elective		6
	Hours	**15**
	Total Hours	**120**

a *Fulfills General Education Requirements.*

b *Transfer students may take PHAR 200 and PHAR 201 during their third year, if necessary.*

BSPS/PharmD Pathway

BSPS students may apply to the PharmD Program during their third undergraduate year. In the BSPS/PharmD Pathway, students can complete the BSPS and PharmD Program in seven years, since there are 22 hours of coursework that are shared between the two degrees. Students in the BSPS/PharmD Pathway receive their BSPS degree upon completion of 120 hours at the end of their first year of the PharmD Program.

Fourth Year Sample Plan of Study for the BSPS/PharmD Pathway

Code	Title	Hours
Fourth Year		
FALL SEMESTER		
PHAR 410	Integrated Physiology	3
PHAR 411	Introduction Pharmacy Practice	4
PHAR 422	Fundamentals of Drug Action	4
PHAR 431	Pharmaceutics I - Pharmaceutics Principles, Drug Delivery Systems, and Calculations	3
PHAR 435	Pharmacokinetics	3
PHAR 465	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 1	0
Electives		0-1
Total Hours		**17-18**

Code	Title	Hours
Fourth Year		
SPRING SEMESTER		
PHAR 412	Introductory Pharmacy Practice (IPPE): Community	2
or PHAR 413	Introductory Pharmacy Practice Experience (IPPE): Hospital	
PHAR 423	Fundamentals of Drug Action II	4
PHAR 432	Pharmaceutics II – Pharmaceutical Dosage Forms and Calculations	2
PHAR 438	Introduction to Drug Information	1
PHAR 461	Pharmacy and the U.S. Healthcare System	2
PHAR 466	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 2	0
PHAR 501	Pathophysiology, Drug Action, and Therapeutics (PDAT) 1: Self Care	3
PHAR 502	Pathophysiology, Drug Action, and Therapeutics (PDAT) 2: GI/Endocrine	3
Electives		0-1
Total Hours		**17-18**

Doctor of Pharmacy

Mailing Address:
Chicago Campus:
Retzky College of Pharmacy
Office of Student Affairs
833 S Wood St., Room 154 (MC 874)
Chicago, IL 60612-7230
(312) 996-7242

Rockford Campus:
Retzky College of Pharmacy
Room A220
1601 Parkview Ave.
Rockford, IL 61107
(815) 395-5736

Contact Information:
pharmosa@uic.edu
pharmacy.uic.edu/programs

Introduction

Established in 1859 and consistently ranked in the top 10 nationally, the UIC Retzky College of Pharmacy is renowned for seamless integration of its educational programs, pharmacy services, and research. With campuses in Chicago and Rockford, the college prepares the next generation of pharmacists, pharmaceutical scientists, and pharmacy leaders.

Doctor of Pharmacy Degree

Prior to entering the Doctor of Pharmacy (PharmD) degree at UIC, a prospective student will have to complete the required pre-pharmacy prerequisite coursework at any regionally accredited college or university. After completing the prerequisite coursework, the PharmD degree can be earned by completing four years of professional education at the UIC Retzky College of Pharmacy.

Accreditation

The University of Illinois Chicago Doctor of Pharmacy program is accredited by the Accreditation Council for Pharmacy Education, 190 S. LaSalle Street, Suite 2850, Chicago, Illinois 60603-3410, (312) 664-3575; fax: (312) 664-4652.

Admission

Admission to the college is selective and highly competitive. Admission criteria include demonstrated academic ability, good moral character, proficiency and clarity in both written and spoken English, strong potential for professional outlook and behavior, evidence of leadership and maturity, and complete mental and physical competence to perform all tasks regularly expected of a registered pharmacist.

Admission Pathways

The UIC Retzky College of Pharmacy offers various pathways prospective students can take for admission into the PharmD program offered in Chicago and Rockford. See the Retzky College of Pharmacy website for more information about each pathway.

- **Regular Admissions**—Apply for admission after completing the pre-pharmacy prerequisite coursework at any regionally accredited college or university.
- **Transfer Admissions**—Apply for admission if currently attending another ACPE-accredited pharmacy school and seeking to possibly transfer to UIC from that school.
- **Guaranteed Professional Program Admissions (GPPA)**—Apply directly from high school through UIC's Guaranteed Professional Program Admissions initiative.
- **State Affiliate Programs with Illinois Universities or Colleges**—Attend one of the Retzky College of Pharmacy's state affiliate partner universities or colleges and apply to the State Affiliate Program.
- **International Affiliate Programs**—Apply for admission when associated with one of our International Affiliate Partnerships.

Admission Requirements

To be considered for admission to the PharmD Program, prospective students must:

1. Complete a minimum of 18 required pre-pharmacy courses (semester) with a C- grade or better by the end of the summer semester of the admission year. All required pre-pharmacy courses must be taken on a graded basis. Pre-pharmacy courses may be taken at the UIC College of Liberal Arts and Sciences, see the Preprofessional Studies section of the catalog, or at any regionally accredited college or university and must be completed by the end of the summer semester the year the applicant wishes to matriculate. The required pre-pharmacy coursework is listed below.
2. Have cumulative, required pre-pharmacy coursework, and combined science/math coursework grade point averages of 2.50/4.00 or better. Repeated classes must be calculated into the cumulative and the combined science/math coursework grade point averages, but not the required pre-pharmacy coursework grade point average.
3. Complete a PharmCAS application.
4. If an International applicant, demonstrate English competency. (See the Retzky College of Pharmacy website for more information.)
5. If invited, complete a UIC Supplemental Application.
6. If selected, participate in an onsite admission interview and assessment of written and verbal communication skills.

Pre-Pharmacy Requirements	Minimum Semester Courses	Minimum Quarter Courses
Communication		
Written communication	1	1
Verbal communication	1	1
Additional (written or verbal)	1	1
Life Sciences[a]		
General biology with laboratory	2	3
Anatomy and physiology	2	2 or 3
Microbiology with laboratory	1	1
Physical Sciences[a]		
Inorganic chemistry with laboratory	2	3
Organic chemistry with laboratory	2	3
Physics	1	1
Biochemistry	1	1
Mathematics/ Statistics		
Calculus	1	1
Statistics	1	1
Social or behavioral sciences[b]	1	1
Humanities[b]	1	1
Total Courses[c]	**18**	**21 or 22**

a *If science courses were taken more than five years prior to admission application, students must have their transcripts evaluated by a College of Pharmacy admissions counselor.*

b *Students completing an undergraduate degree at UIC must complete the General Education requirements. Students should consult the* General Education *(*p. 86*) section and their college/department sections of the catalog for more information on fulfilling these requirements.*

c *Each course must be a minimum of 3 semester or 4 quarter credit hours.*

Matriculation Requirements

If selected for admission to the Doctor of Pharmacy program, prospective students must be willing:

1. To provide verification of immunity status as dictated by the university's immunization and clinical education requirements;
2. To be in possession of a valid Illinois pharmacy technician license in good standing at all times or such licenses as required by the Illinois Department of Financial and Professional Regulation (IDFPR);
3. To provide one's own transportation to off-campus pharmacy practice experience sites;
4. To be in compliance with HIPAA requirements;
5. To agree to and abide by the college's policy on audio/video recordings of curricular content for distance education; and
6. To meet any other matriculation requirements, such as criminal background checks and drug screenings.

Failure to comply with the conditions above, and any other conditions set forth in the Retzky College of Pharmacy **Matriculation and Continued Enrollment Policies**, will result in refusal of further registration for coursework.

Doctor of Pharmacy Degree Requirements

To earn a Doctor of Pharmacy degree from UIC, students need to satisfactorily complete didactic coursework, introductory pharmacy practice experiences (IPPE), and advanced pharmacy practice experiences (APPE). These degree requirements are outlined below.

Code	Title	Hours
Summary of PharmD Hours		
Total core hours (excluding IPPE and APPE)		78
Total professional elective hours		13
Total experiential hours (IPPE and APPE)		42
Total Hours		**133**

Doctor of Pharmacy Curriculum Requirements

Course	Title	Hours
First Year		
Fall Semester		
PHAR 410	Integrated Physiology	3
PHAR 411	Introduction Pharmacy Practice	4
PHAR 422	Fundamentals of Drug Action	4
PHAR 431	Pharmaceutics I - Pharmaceutics Principles, Drug Delivery Systems, and Calculations	3

PHAR 435	Pharmacokinetics	3
PHAR 465	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 1	0
Electives [a]		0-1
	Hours	**17-18**
Spring Semester		
PHAR 412 or PHAR 413	Introductory Pharmacy Practice (IPPE): Community or Introductory Pharmacy Practice Experience (IPPE): Hospital	2
PHAR 423	Fundamentals of Drug Action II	4
PHAR 432	Pharmaceutics II – Pharmaceutical Dosage Forms and Calculations	2
PHAR 438	Introduction to Drug Information (weeks 1-5) [b]	1
PHAR 461	Pharmacy and the U.S. Healthcare System (weeks 6-15) [b]	2
PHAR 501	Pathophysiology, Drug Action, and Therapeutics (PDAT) 1: Self Care	3
PHAR 502	Pathophysiology, Drug Action, and Therapeutics (PDAT) 2: GI/Endocrine	3
PHAR 466	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 2	0
Electives [a]		0-1
	Hours	**17-18**
Second Year		
Fall Semester		
PHAR 412 or PHAR 413	Introductory Pharmacy Practice (IPPE): Community or Introductory Pharmacy Practice Experience (IPPE): Hospital	2
PHAR 433	Pharmaceutics III – Complex Dosage Forms and Calculations	2
PHAR 462	Social and Behavioral Pharmacy (weeks 1-10) [b]	2
PHAR 463	Personal and Professional Development	2
PHAR 464	Patient Safety (weeks 11-15) [b]	1
PHAR 503	Pathophysiology, Drug Action, and Therapeutics (PDAT) 3: Renal, Electrolytes, and Nutrition	3
PHAR 504	Pathophysiology, Drug Action, and Therapeutics (PDAT) 4: Immunology/Respiratory	4
PHAR 467	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 3	0
Electives [a]		0-2
	Hours	**16-18**
Spring Semester		
PHAR 414	Introductory Pharmacy Practice (IPPE): Introduction to Patient Care	2
PHAR 434	Pharmaceutics IV – Drug Delivery Systems Design and Calculations Competency	2
PHAR 439	Pharmacoepidemiology and Biostatistical Reasoning (weeks 1-5) [b]	1
PHAR 440	Evidence-Based Medicine (weeks 6-15) [b]	2
PHAR 505	Pathophysiology, Drug Action, and Therapeutics (PDAT) 5: Cardiovascular	4
PHAR 506	Pathophysiology, Drug Action, and Therapeutics (PDAT) 6: Infectious Diseases	4
PHAR 468	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 4	0
Electives [a]		0-3
	Hours	**15-18**
Third Year		
Fall Semester		
PHAR 507	Pathophysiology, Drug Action, and Therapeutics (PDAT) 7: Neurology, Psychiatry, and Pain	4
PHAR 508	Pathophysiology, Drug Action, and Therapeutics (PDAT) 8: Special Topics	3
PHAR 515 or PHAR 516	Patient Care: Institutional/Hospital or Patient Care: Ambulatory Care/Community	2
PHAR 520	Applied Pharmaceutics, Pharmacokinetics, and Pharmacogenomics	3
PHAR 565	Pharmacoeconomics and Payment	2
PHAR 469	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 5	0
Electives [a]		0-4
	Hours	**14-18**
Spring Semester		
PHAR 509	Pathophysiology, Drug Action, and Therapeutics (PDAT) 9: Hematology and Oncology	3
PHAR 510	Pathophysiology, Drug Action, and Therapeutics (PDAT) 10: Advanced Disease Management	3
PHAR 515 or PHAR 516	Patient Care: Institutional/Hospital or Patient Care: Ambulatory Care/Community	2
PHAR 566	Management and Informatics	2
PHAR 567	Pharmacy Law and Ethics	3
PHAR 470	Pharmacy Learning, Advising, Mentoring, and Engagement fo Students (PhLAMES) 6	0
Electives [a]		0-5
	Hours	**13-18**
Fourth Year		
Fall and Spring Semesters		
(and Third Year Summer Semester)		
Advanced Pharmacy Practice Experiences—APPE (7 x 6-week APPEs, 4 credit hours each) [c]		28
PHAR 471	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 7	0
PHAR 472	Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 8	0
Four APPE courses are required (Community, Hospital, Ambulatory Care, and Medicine). The remaining three APPE courses are selected from a list of APPE options in consultation with program advisors.		
	Hours	**28**
	Total Hours	**133**

Academic policies related to the College of Pharmacy curriculum are available on the Retzky College of Pharmacy website.

Advising and Mentoring

The Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) required course series aims to advance students' professional and character development in pharmacy school by getting them involved in mentoring and participating in co-curricular activities.

Student Organizations

Student organizations are available at both the Chicago and Rockford campuses. Joining student organizations can provide students with a number of opportunities to grow as student pharmacists outside of the classroom, such as:

- Getting to know fellow pharmacy students at the UIC and across the US;
- Gaining experience working with real patients while participating in health fairs, blood drives and other events;
- Giving back to the community;
- Building networks with professionals and alumni;
- Developing leadership skills.

School of Public Health

Contact Information:

Campus Location: School of Public Health and Psychiatric Institute Building (SPHPI)
Undergraduate Programs Office: (312) 355-2536
publichealth.uic.edu

Administration:
Dean, Wayne H. Giles, MD, MS
Director of Undergraduate Programs, Meghan R. Mason, PhD, MPH: (312) 996-6081; mmason12@uic.edu

Introduction

The UIC School of Public Health is dedicated to excellence in protecting and improving the health and well-being of the people of the Metropolitan Chicago area, the State of Illinois, the nation, and others throughout the world. This mission is achieved by: educating scientists, professionals, and the public; conducting research to develop solutions to public health problems; providing public health service; and formulating public health policy. Ours is a community of scholars, students, and staff dedicated to creating a healthy society. Committed to academic excellence, the UIC School of Public Health fosters cutting-edge research and engaged community-based practice that focuses on eliminating health disparities and bringing public health solutions to communities in need.

Whether a student is in their first year at UIC, a baccalaureate degree holder looking for graduate education in public health, a seasoned professional seeking specialized public health training, or someone who simply wants to sample the field—the School of Public Health has something to offer. The UIC School of Public Health offers applicants a choice of degrees to pursue including the Bachelor of Arts in Public Health Practice (BA), Bachelor of Science in Public Health Sciences (BS), Master of Public Health (MPH), Master of Healthcare Administration (MHA), Master of Science (MS), Doctor of Public Health (DrPH), and Doctor of Philosophy (PhD) in Public Health. At the undergraduate level, a Minor in Public Health is open to students in any major. Faculty and alumni continue to make solid contributions in Chicago and across the globe. Their vision, resolve, and ingenuity have built the foundation for a rich UIC public health legacy. Students learn, innovate, practice, research, and challenge public health concepts in Chicago and in communities around the world.

Public Health Baccalaureate Programs

The School of Public Health offers two baccalaureate degree programs: the Bachelor of Arts in Public Health Practice and the Bachelor of Science in Public Health Sciences. The Bachelor of Arts in Public Health Practice is geared toward students with an interest in the socio-cultural determinants of health and aims to prepare students for public health practice, community engaged work, and careers and graduate education focused on social justice in health and well-being. The Bachelor of Science in Public Health Sciences is geared toward students seeking a deeper understanding of basic and applied sciences and aims to prepare students for graduate and professional degrees and career trajectories in fields such as epidemiology and biostatistics, dentistry, environmental and occupational health sciences, medicine, and pharmacy.

The mission of the baccalaureate programs in public health is to engage and enlighten students about matters related to the health of societies locally, nationally, and globally. By systematically examining biological, environmental, cultural, behavioral, historical, economic, and political factors that mitigate health, students in the program will become informed citizens who can consider the public's health in whatever life roles they assume. For those who go on to careers in medicine, nursing, dentistry, and other health-related professions, the baccalaureate programs in public health build upon a broad foundation in the biological and behavioral sciences imbued with social ecology and population–based perspectives. Graduates of the program acquire an array of skills that can be applied to many forms of inquiry, analysis, scientific and moral reasoning, and practice. At the baccalaureate level, graduates may seek employment in public health as communicable disease investigators, public health educators, program coordinators, environmental specialists, information specialists, and other roles commensurate with their skills. Those wishing to pursue professional careers in the public health arena will be well positioned to continue their studies through matriculation into master's degree programs in public health. Emerging from the program with an informed understanding of public health, graduates embrace the vision of health equity and social justice.

Admission Requirements

First Year Admissions

New first-year applicants interested in pursuing the Bachelor of Arts in Public Health Practice or Bachelor of Science in Public Health Sciences are eligible to apply directly to their preferred degree program within the School of Public Health. If first-year applicants are unsure which degree they would like to pursue, they can apply as Public Health-Undecided and complete introductory public health coursework and General Education requirements before declaring either the BA in Public Health Practice or the BS in Public Health Sciences. Note that grades of C or better in prerequisite coursework are required before enrolling in upper-level courses in the major. See the Admissions section of the Undergraduate Catalog for additional information for first-year applicants.

Transfer Admissions from outside of UIC

Transfer applicants are eligible to apply to Public Health-Undecided or directly to the BA in Public Health Practice or BS in Public Health Sciences. Note that grades of C or better in prerequisite coursework are required before enrolling in upper-level courses in the major. Details on the transfer application process and requirements are available on the School of Public Health Admissions page.

Intercollege Transfer Admissions

Current UIC students are eligible to apply as intercollege transfer applicants to Public Health–Undecided or directly to the BA in Public Health Practice or BS in Public Health Sciences. Note that grades of C or better in prerequisite coursework are required before enrolling in upper-level courses in the major. Details on the intercollege transfer application process and requirements are available on the School of Public Health Admissions page.

Degree Requirements

To earn the Bachelor of Arts in Public Health Practice or Bachelor of Science in Public Health Sciences degree from UIC, students need to complete the university and school degree requirements. University and school degree requirements for all School of Public Health students are outlined below. Students should consult the General Education (p. 86) section of the catalog for more information on completing the General Education requirements.

Semester Hour Requirement

The School of Public Health semester hour requirement is 120 semester hours.

Degree Program	Degree Conferred	Total Hours
Public Health	BA in Public Health Practice	120
Public Health	BS in Public Health Sciences	120

Course Requirements

See the BA in Public Health Practice (p. 467) or BS in Public Health Sciences (p. 469) page for Course Requirements.

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. Students are required to complete a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog. Information on meeting the General Education requirements for this program is listed in both the BA in Public Health Practice (p. 467) and BS in Public Health Sciences (p. 469) pages.

General Education Proficiencies—Quantitative Reasoning and University Writing Requirement

School of Public Health students must meet the following General Education Proficiencies: Quantitative Reasoning and University Writing Requirement. As noted in both the BA in Public Health Practice (p. 467) and BS in Public Health Sciences (p. 469) pages, students meet the General Education proficiencies as follows:

Quantitative Reasoning

Students in the School of Public Health must demonstrate competency in quantitative reasoning to earn a degree.

Students in both the Bachelor of Arts and Bachelor of Science demonstrate competency by:

1. Earning a grade of C or better in any one of the following courses: PUBH 130, STAT 101, or STAT 130. PUBH 130 is preferred.
2. Transfer students may present equivalent courses taken elsewhere, for which they have received a grade of C or better, to satisfy this requirement.

University Writing Requirement

Students must earn a passing grade in ENGL 160 and ENGL 161. Grades of B or better are preferred.

Additional Course Requirements

First Year Seminar Requirement

All incoming first year students to the School of Public Health as well as transfer students who enter with less than 24 semester hours earned must complete a first-year seminar, PUBH 105 during their first term at UIC. Satisfactory completion of the seminar is a graduation requirement.

Other Requirements

Grade Point Average (GPA) Requirement

A student must earn a cumulative grade point average of 2.00/4.00 in all work taken at UIC. In addition, the combined average of a student's transfer work and work taken at UIC must be at least 2.00. The minimum cumulative grade point average for public health major coursework is 2.00.

Graduation Declaration/Filing to Graduate

Students declare their intent to graduate online using my.UIC.edu. The deadline for submission to the Pending Degree List is the end of the third week (fall and spring) or second week (Summer Session 2) of the term in which graduation is sought. Failure to submit the request at this time may delay the awarding of the degree. A final review will be made following the close of the term. If a student has satisfactorily completed all the degree requirements, the student's name will be placed on the official degree list.

Enrollment Residence Requirement

See the University Degree Requirements, Graduation, and Commencement (p. 103) section of the catalog for a complete description of this requirement.

Transfer Credit

Coursework completed at other colleges and universities may apply toward partial fulfillment of graduation requirements and may be used as prerequisites for courses at UIC. The University of Illinois Chicago is a participant in the Illinois Articulation Initiative (IAI), a statewide agreement that allows for the transfer of the IAI-approved General Education Core Curriculum between participating institutions. Please consult the Illinois Articulation Initiative in the Admissions (p. 42) section of the undergraduate catalog. The final decision, however, regarding the acceptance of credit and courses that apply toward degree requirements is made by the School of Public Health.

Transfer Credit for Continuing Students

Continuing students who want to take coursework for credit at another institution, either concurrent with UIC enrollment or during the summer term, must obtain prior written approval from the School of Public Health. Students will have to provide justification for the request.

If prior approval is not obtained from the school, credit may not be allowed. Students are obligated to report all work from other institutions once enrolled at UIC.

Please note that when transferring credit from a community college, a student must earn at least 60 of the required semester hours either at the University of Illinois Chicago or another accredited four-year college or university. The enrollment residence requirements must also be met. Thus, students ordinarily should not register at a community college after completing their sophomore year.

Transferology is an online tool that helps students view program requirements and course equivalencies.

Minors

The School of Public Health offers the following minor.

Minor	Department	Hours
Minor in Public Health	Public Health	15

School of Public Health Policies

Academic Load

In the School of Public Health, while full-time student status is preferred, students may enroll in a part-time program of study. During the fall and spring semesters, a minimum full-time program is 12 hours of credit per semester. A program of 19 semester hours or more must be approved by the Director of Undergraduate Programs. For Summer Session 1 (four-week) and Summer Session 2 (eight-week), UIC considers a total aggregate of 6 semester hours as the minimum number necessary to constitute full-time enrollment. A program of 13 semester hours or more during the summer session must be approved by the Director of Undergraduate Programs.

Academic Notice and Dismissal Rules

A student will be placed on academic notice in any term in which either a cumulative or term grade point average of less than 2.00/4.00 is earned for all academic work or when the cumulative grade point average for required public health major courses falls below 2.00/4.00. A student on academic notice is expected to earn greater than a 2.00/4.00 in the next term and have an overall UIC and cumulative grade point average of 2.00/4.00 by the end of the second term on academic notice.

Deficit Points and Academic Recovery

To better understand academic notice, dismissal, and academic recovery, it is important to understand deficit points. Students who have earned a UIC total GPA below a 2.00 will have negative deficit points. Deficit points are calculated as follows: multiply the number of semester hours for each course taken by the points for the grade received, A=+2, B=+1, C=0, D=-1, F=-2. Add the points for each course taken during the semester. The total equals the deficit points used to determine academic notice and dismissal. For every negative deficit point earned, an equivalent in positive points must be earned to offset the negative, returning the GPA to 2.00, and good academic standing. For example, a student with a -14 deficit would need a subsequent semester of 14 semester hours of B grades, with nothing less than a C in order to return to good standing. A personalized degree audit found in uAchieve details academic deficit, semester, and total GPAs.

Term Notice Rules

1. A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning.
2. A student on term notice who earns a UIC Term GPA of at least 2.00/4.00 will be removed from term notice.

Academic Notice Rules

1. A student not currently on academic notice, will be placed on academic notice in any term in which a cumulative grade point average of less than 2.00/4.00 is earned for all academic work or when the cumulative grade point average for required public health major courses falls below 2.00/4.00.
2. An entering transfer student may be placed on academic notice when admitted by petition with a cumulative GPA lower than 2.00/4.00.
3. A student readmitted by petition may be placed on academic notice when admitted with a UIC GPA lower than 2.00/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.00/4.00.
5. A student on academic notice will be removed from academic notice when they meet the following criteria:
   a. The cumulative GPA in all work taken at UIC is at least 2.00/4.00; and
   b. The combined average of the student's transfer credit and UIC coursework is at least 2.00/4.00; and
   c. The cumulative grade point average in required public health major courses is at least 2.00/4.00.
6. The School of Public Health Office of the Dean determines the conditions of academic notice. In addition to specifying the GPA, the school may require the completion of specific courses, may limit the number of hours for which the student registers, and/or may exclude the student from taking certain courses while on academic notice.

Dismissal Rules

Students failing to earn a cumulative grade point average of 2.00/4.00 by the end of two terms on academic notice will be dismissed from the university. In any term, a student may be dismissed for one or more of the following reasons:

1. First-term students will be dismissed after their first term of enrollment if they earn zero credit or obtain a deficit of -15 points or more. Deficit points are calculated as follows: multiply the number of credit hours for each course taken by the points for the grade received, A=+2, B=+1, C=0, D=-1, F=-2. Add the points of each course taken during the semester. The total equals the deficit points used to determine academic notice status. Each deficit point equals one hour of B. See *Deficit Points and Academic Recovery* section above for more information about deficit points.
2. Continuing students will be dismissed at the end of any term in which their cumulative deficit points (see above) are -15 or more.
3. Failure to earn any credit.
4. Failure to earn at least a 1.00/4.00 (D) average for a term.
5. Failure to earn at least a 2.00/4.00 average for a term while on academic notice.
6. Failure to meet conditions of academic notice.
7. Failure to meet conditions specified at the time of admission.
8. Failure to make progress toward completion of the Public Health degree. Examples include failure to complete required courses, accumulation of an excessive number of Incomplete grades, failure to earn credit in any semester, and failure to maintain a 2.00/4.00 average in public health major coursework.
9. Two or more consecutive terms of university withdrawals.

Appeal of a Dismissal Decision

Students who have been dismissed by the school may apply for readmission after two terms (excluding the summer session). Students who can document that poor academic performance was the result of significant extenuating circumstances, such as a long-term or debilitating illness or personal crisis, may petition for an extension of academic notice/immediate reinstatement. To do so, the student must submit an appeal with supporting documentation for review by the Committee on Academic Progress and Advising (CAPA) by the deadline specified in their dismissal notification. It is strongly recommended that the appeal be

submitted prior to the first day of instruction for the new term, including summer (even if the student does not desire to enroll in summer classes).

Change of Course Schedule—Dropping Courses

Undergraduate students may drop courses using my.UIC.edu through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript. Undergraduate students may drop a maximum of 4 UIC individual courses that result in a W notation on their transcript during their entire undergraduate degree program.

Class Attendance

Each instructor may establish his/her own attendance policy, including penalties for nonattendance. Failure to attend classes does not result in automatic withdrawal from a course. The school expects that students will attend all classes.

Course Prerequisites

A student must satisfy the prerequisites before enrolling in a course. A student enrolling in a course without having met the prerequisites may be withdrawn from the course. Course prerequisites are listed in both the course descriptions in this catalog and the Schedule of Classes. Only the instructor may waive the prerequisite, if given evidence that the student is adequately prepared to pursue the subject.

Credit/No Credit Option

The credit/no credit option allows the student to complete a course with a grade of credit (CR) or no credit (NC) instead of a letter grade. Courses completed with a grade of CR carry credit and apply toward degree requirements. In general, grades of CR and NC are final and cannot be changed to letter grades. The Undergraduate Public Health Programs' policy coincides with campus policy with the following conditions:

1. Only students in good standing may elect to take a course under the credit/no credit option. Students on academic notice and those whose status is undetermined at the time at which they elect the option are not eligible.
2. A student may request only one course per term as credit/no credit.
3. No more than two courses in a single discipline may be taken as credit/no credit.
4. Only elective courses may be taken on a credit/no credit basis; courses being used to meet any graduation course requirements must be taken for letter grades.
5. The following describes the restrictions that apply to all students regardless of major or curriculum:
   a. Students may not take ENGL 160 or ENGL 161 as credit/no credit.
   b. Students may not take any course used to satisfy the foreign language requirement as credit/no credit.
   c. Students may not take any course used to satisfy the General Education Core requirements as credit/no credit. Until students have completed the minimum requirement in each General Education Core category, courses from these areas may not be taken as credit/no credit.
   d. Students may not take any course used to satisfy the quantitative reasoning requirement as credit/no credit.
   e. Students may not take any course being used to satisfy the requirements of the Public Health major or required prerequisite and collateral courses of the major as credit/no credit.
6. A student may earn no more than 21 semester hours of credit at UIC under the credit/no credit option.

Students must apply to take a course credit/no credit at the School of Public Health Undergraduate Programs Office no later than the tenth day of the term (first Wednesday of Summer Session 1 or first Friday of Summer Session 2). After that date, students may not request courses on a credit/no credit basis nor may they change a credit/no credit request previously submitted. It is the responsibility of the student to determine eligibility under the regulations. Students will be informed if they are ineligible and will receive a grade for the course. Students with questions concerning their eligibility should make an appointment with their academic advisor.

Double Major, Double Degrees, and Second Bachelor’s Degree

Double Major

This option is not available in the School of Public Health at this time.

Double Degrees

Double degrees consist of two bachelor’s degrees completed concurrently. Double degrees with a School of Public Health bachelor's degree program and a program in another college may be possible. Students should consult the college section of the catalog for the second degree program to determine if this option is available.

Students seeking two bachelor’s degrees concurrently must formally request acceptance into the second degree program. Students must complete a minimum of 30 semester hours beyond those required for the first degree and all requirements for each of the degree programs as specified by the college and major department. All students interested in double degrees should discuss this option with an advisor.

Double degrees are not permitted when there is substantial course overlap between the first and second degrees.

Students who obtain double degrees receive a diploma for each degree. No more than two bachelor’s degrees may be awarded concurrently.

Second Bachelor’s Degree

Students who have already earned a bachelor’s degree at UIC or another institution are required to follow the same application procedures as all other applicants in order to pursue a second bachelor’s degree. Students must complete all requirements for the second degree as specified by the college and the major department, including a minimum of 30 semester hours beyond those required for the first degree. The UIC enrollment residence requirement must also be met, i.e., the last 30 semester hours for the second degree must be taken at UIC. A second bachelor’s degree is not permitted when there is substantial course overlap between the first and second degrees.

Graduate-Level Courses for Undergraduate Students

With approval from the Director of Undergraduate Programs and permission from the professor, an undergraduate student may enroll in a course at the graduate level (400 or 500 level) for undergraduate credit. Prior to enrollment, students must obtain approval and must have met course prerequisites.

Students should understand that graduate-level courses taken by an undergraduate student are generally not applicable toward a graduate degree.

Independent Study

To be eligible to enroll in PUBH 396, a student must have a minimum 2.50/4.00 grade point average in all coursework taken at UIC and must obtain consent of the instructor and the Undergraduate Public Health Programs prior to registration. No student may enroll in an independent study course after the tenth day of the term without approval of the Undergraduate Public Health Programs.

Petition Procedure

Any rule, regulation, or action of the Undergraduate Public Health Programs may be appealed in writing. Petitions are submitted to the Undergraduate Programs Office in the School of Public Health. It is the student's responsibility to provide documentation in support of the petition. Submission of a petition does not imply approval.

Registration Approval

All new students are required to attend an orientation program prior to registration. Certain students or groups of students may be required to see an advisor prior to registration.

Repeat Policy for Standard Graded Courses

Students may repeat a course to increase their knowledge of the subject matter. There are circumstances under which repeating a course is advisable and to a student's advantage. There are also circumstances where repeating a course may disadvantage a student and narrow a student's options. The Undergraduate Public Health Programs require students to discuss any plan to repeat a course with their academic advisor before they register to repeat the course.

Courses with A or B grades may not be repeated. Normally, courses with a C grade may not be repeated. Courses with D or F grades may be repeated once without written permission. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. The original grade and the grade for each repeat will be calculated into the grade point average. Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once due to a grade of D or F requires written permission from the student's college dean. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The credit hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Transferring

Intercollege Transfer Students

Students currently enrolled at UIC who want to transfer into the School of Public Health should complete an Intercollege Transfer Application available on the School of Public Health website. Students currently enrolled at UIC are eligible to apply as intercollege transfer applicants to Public Health–Undecided or directly to the BA in Public Health Practice or BS in Public Health Sciences. Note that there is prerequisite coursework required before enrolling in upper-level courses in the major. Application deadlines are available on the School of Public Health website. Admission to the School of Public Health is selective and limited to those students in good academic standing who have a UIC grade point average of at least 2.50/4.00 and whose combined UIC and transfer grade point average is at least 2.50. A 2.75/4.00 or above is recommended for priority consideration. Those students who are accepted into the School of Public Health are expected to enroll immediately in courses that fulfill the Public Health degree requirements. Students are welcome to discuss the School of Public Health admissions process with program staff.

Transfer Students from Other Colleges and Universities

New transfer applicants who have completed a minimum of 24 semester hours or 36 quarter hours of transferable college coursework at the time of application are eligible to apply to Public Health-Undecided or directly to the BA in Public Health Practice or BS in Public Health Sciences. Note that there is prerequisite coursework required before enrolling in upper-level courses in the major. Details on the transfer application process and requirements are available on the School of Public Health

Admissions page. All applicants must submit complete transcripts from all postsecondary institutions. A minimum 2.50/4.00 grade point average is required for consideration. A 2.75/4.00 or above is recommended for priority consideration. Please consult the Admissions (p. 42) section of the catalog for more information. See the Office of Admissions Transfer Guide for more information about transfer admission requirements.

Transferring out of the School

A Public Health student who wants to transfer into another UIC college must follow the procedures of that college. Students interested in other colleges should contact those colleges directly.

Academic Advising

Advising Policy

The Undergraduate Public Health Programs encourage the intellectual growth and development of the student as an individual. Newly admitted students are required to participate in a small group advising session prior to their initial registration. Continuing students should consult their academic advisor at least once each semester. Advisors assist students in individual program planning and course selection, discuss various career and educational paths based on student interests, and support students in the development of their educational, career, and personal goals. Additionally, advisors explain school and program rules and requirements, help resolve special registration problems, and refer students to additional resources on campus. Current students may arrange an advising appointment via iAdvise on my.UIC.edu or contact program staff directly.

The responsibility for selecting courses and meeting graduation requirements rests with the students, who must intentionally plan to make their programs consistent with their goals and with school requirements.

Academic Honors

University Honors

The School of Public Health recognizes and conforms with the campus-wide honors program. University Honors are awarded to graduating students who satisfy UIC hours residency requirements with a UIC grade point average that falls within the following honors categories:

- **Summa cum laude:** 3.90 and above
- **Magna cum laude:** 3.75 to 3.89
- **Cum laude:** 3.50 to 3.74

University Honors will be awarded based on the UIC GPA at the end of the term prior to the term of graduation for commencement ceremony purposes. UIC will make permanent adjustments to student transcripts and diploma related to University Honors based on final grades.

Dean’s List

Exceptional academic achievement in the School of Public Health is recognized each term by inclusion on the Dean’s List. Eligibility is based on a 3.50/4.00 term GPA with a minimum program of 12 semester hours, exclusive of basic military science and basic activity courses in physical education. At least 9 semester hours must be earned for letter grades, in addition to a grade of Credit earned in any course taken on a credit/no credit basis.

Degree Programs

- BA in Public Health Practice (p. 467)
- BS in Public Health Sciences (p. 469)
- Joint Degrees (p. 471)

Minor

- Minor in Public Health (p. 472)

BA in Public Health Practice

Program Codes:
20FY6315BA

Degree Requirements

To earn the Bachelor of Arts in Public Health Practice degree from UIC, students need to complete the university and school degree requirements. University and school degree requirements for all Bachelor of Arts in Public Health Practice students are outlined below. Students should consult the General Education (p. 86) section of the catalog for more information on completing the General Education requirements.

Code	Title	Hours
Summary of Requirements		
University and General Education Requirements		30
Public Health Practice Major Requirements		44-47
Free Electives		43-46
Total Hours		**120**

University and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PUBH 100	Health and the Public [a,b,e]	3
PUBH 110	Public Health and Global Societies [a,c,e]	3
PUBH 120	Public Health and the Study of Disease and Epidemics [d,e]	3
Analyzing the Natural World - Life Science course with a lab. Select one of the following:		4
ANTH 105	Human Evolution	
BIOS 104	Biology for Non-majors	
BIOS 110	Biology of Cells and Organisms	
BIOS 120	Biology of Populations and Communities	
Understanding the Past course		3
Understanding the Creative Arts course		3

Select additional General Education credits to complete the minimum 24 semester hours of General Education coursework. PUBH 100, PUBH 110, and PUBH 120 may be applied toward General Education Requirements; PUBH 130 and PUBH 200 are major selectives and are also approved for General Education. [f]	5
Total Hours	**30**

a *This course is required for public health majors and also approved for the Understanding the Individual and Society General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

b *This course is required for public health majors and also approved for the Understanding U.S. Society General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

c *This course is required for public health majors and also approved for the Exploring World Cultures General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

d *This course is required for public health majors and also approved for the Analyzing the Natural World General Education category (nonlaboratory course).*

e *A grade of C or better in PUBH 100, PUBH 110, and PUBH 120 is required for progression to upper-level public health major coursework.*

f *Students should consult the* General Education *(*p. 86*) section of the catalog for a list of approved courses within each General Education category. All students must complete a minimum of 24 semester hours of General Education coursework with at least one course from each of the six General Education categories.*

Public Health Practice Major Requirements

Code	Title	Hours
Required Major Courses		
Quantitative Reasoning Course. Select one of the following (PUBH 130 is preferred):		4
PUBH 130	Introductory Public Health Statistics for Public Health Decision-Making [a]	
STAT 101	Introduction to Statistics	
STAT 130	Introduction to Statistics for the Life Sciences	
PUBH 105	Public Health Seminar I	1
PUBH 205	Public Health Seminar II	1
PUBH 310	Public Health and Global Citizenship	3
PUBH 330	Health Equity and Health Disparities	3
PUBH 345	Critical Thinking and Public Health Communication	3
PUBH 350	Health Systems, Policy, and Advocacy	3
PUBH 360	Local Citizenship and Community Health Initiatives	4
PUBH 370	Applied Public Health Methods	3
PUBH 395	Public Health Seminar III	1
PUBH 397	Baccalaureate Project in Public Health	3
PUBH 415	Historical and Contemporary Public Health Challenges	3
Public Health Sciences course. Select one of the following:		3
PUBH 200	Exploring Connections between Human Health and the Environment [b]	
PUBH 301	Epidemiology	
PUBH 320	Public Health Biology	
Experiential Learning [c]		0-3
Focus Area [d]		9
Total Hours		**44-47**

a *This course is required for public health majors and also approved for Analyzing the Natural World General Education category (non-laboratory course).*

b *This course is approved for the Understanding the Individual and Society General Education category.*

c *This requirement can be met either through coursework such as PUBH 393 or non-credit-bearing experiences. Students should consult their Advisor for more information.*

d *Credits in the focus area should fulfill one of the following objectives: coursework toward a minor; foreign language or language area courses; pre-medical/pre-professional studies; a specific public health disciplinary focus; progression into the joint BA-MPH program; or other focus area in consultation with the student's Advisor. Courses in the Focus Area are required to be upper-level courses.*

Free Electives

Code	Title	Hours
Courses		
Free Electives [a]		43-46
Total Hours		**43-46**

a *Students can use these electives for minors, foreign language or language area courses, prerequisites for professional programs (medical school, dental school, etc.), baccalaureate certificates, and other free electives. If any of the focus area courses have prerequisites that are not already satisfied by the University and General Education Requirements, students are advised to choose free electives that will work toward satisfying these prerequisite requirements.*

Sample Course Schedule

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts [a]	3
PUBH 105	Public Health Seminar I	1
PUBH 110	Public Health and Global Societies [b]	3
Understanding the Past course		3
Understanding the Individual and Society course		3
Free Elective		1
	Hours	**14**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PUBH 100	Health and the Public [c]	3
PUBH 120	Public Health and the Study of Disease and Epidemics	3
Select one of the following courses:	Analyzing the Natural World - Life Science with Lab	4
ANTH 105	Human Evolution	
BIOS 104	Biology for Non-majors	
BIOS 110	Biology of Cells and Organisms	

BIOS 120	Biology of Populations and Communities	
Understanding the Creative Arts course		3
	Hours	**16**
Second Year		
Fall Semester		
PUBH 130 or STAT 101 or STAT 130	Introductory Public Health Statistics for Public Health Decision-Making or Introduction to Statistics or Introduction to Statistics for the Life Sciences	4
PUBH 205	Public Health Seminar II	1
PUBH 330	Health Equity and Health Disparities	3
Free Electives		7
	Hours	**15**
Spring Semester		
Select one of the following Public Health Sciences courses:		3
PUBH 200	Exploring Connections between Human Health and the Environment	
PUBH 301	Epidemiology	
PUBH 320	Public Health Biology	
PUBH 345	Critical Thinking and Public Health Communication	3
Free Electives		9
	Hours	**15**
Third Year		
Fall Semester		
PUBH 310	Public Health and Global Citizenship	3
PUBH 350	Health Systems, Policy, and Advocacy	3
PUBH 395	Public Health Seminar III	1
Free Electives		8
	Hours	**15**
Spring Semester		
PUBH 360	Local Citizenship and Community Health Initiatives	4
PUBH 415	Historical and Contemporary Public Health Challenges	3
Additional General Education course in any category		3
Free Electives		5
	Hours	**15**
Fourth Year		
Fall Semester		
PUBH 370	Applied Public Health Methods	3
PUBH 393	Public Health Fieldwork [d]	3
Public Health Focus Area course [e]		3
Free Electives		6
	Hours	**15**
Spring Semester		
PUBH 397	Baccalaureate Project in Public Health	3
Public Health Focus Area course [e]		3
Public Health Focus Area course [e]		3
Free Electives		6
	Hours	**15**
	Total Hours	**120**

a *Additional prerequisite course(s) may be required depending on placement level.*

b *This course satisfies the Exploring World Cultures General Education requirement.*

c *This course satisfies the Understanding U.S. Society General Education requirement.*

d *The Experiential Learning Requirement can be met either through coursework such as PUBH 393, or noncredit bearing experiences. Students should consult their advisor for more information.*

e *Students select 9 hours of approved Focus Area courses in consultation with their advisor. Credits in the focus area should fulfill one of the following objectives: coursework toward a minor; advanced foreign language or language area courses; pre-medical/preprofessional studies; a specific public health disciplinary focus; progression into the joint BA-MPH program; or other focus area in consultation with the student's Advisor. Courses in the Focus Area are required to be upper-level courses.*

BS in Public Health Sciences

Program Codes:
20FY6314BS

Degree Requirements

To earn the Bachelor of Science in Public Health Sciences degree from UIC, students need to complete the university and school degree requirements. University and school degree requirements for all Bachelor of Science in Public Health Sciences students are outlined below. Students should consult the General Education (p. 86) section of the catalog for more information on completing the General Education requirements.

Code	Title	Hours
Summary of Requirements		
University and General Education Requirements		27
Public Health Sciences Major Requirements		46-50
Free Electives		43-47
Total Hours		**120**

University and General Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PUBH 100	Health and the Public [a,b,d]	3
PUBH 110	Public Health and Global Societies [a,c,d]	3
Analyzing the Natural World - Life Science course with a lab. Select one of the following:		4
BIOS 110	Biology of Cells and Organisms	
or BIOS 120	Biology of Populations and Communities	
Understanding the Past course		3
Understanding the Creative Arts course		3
Select additional General Education courses to complete a minimum of 24 semester hours of General Education coursework. PUBH 100 and PUBH 110 may be applied toward General Education requirements; PUBH 130 and PUBH 200, which are part of the major, are also approved for General Education. [e]		5
Total Hours		**27**

a *This course is approved for the Understanding the Individual and Society General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

b *This course is approved for the Understanding U.S. Society General Education category. Courses approved for more than one General*

Education category may only be applied to one General Education category.

c *This course is approved for the Exploring World Cultures General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

d *A grade of C or better in PUBH 100 and PUBH 110 is required for progression to upper-level public health major coursework.*

e *Students should consult the* General Education *(p. 86) section of the catalog for a list of approved courses within each General Education category. All students must complete a minimum of 24 semester hours of General Education coursework with at least one course from each of the six General Education categories.*

Public Health Sciences Major Requirements

Code	Title	Hours
Required Courses		
Quantitative Reasoning Course. Select one of the following (PUBH 130 is preferred):		4
PUBH 130	Introductory Public Health Statistics for Public Health Decision-Making [a]	
STAT 101	Introduction to Statistics	
STAT 130	Introduction to Statistics for the Life Sciences	
PUBH 105	Public Health Seminar I	1
PUBH 200	Exploring Connections between Human Health and the Environment [b]	3
PUBH 205	Public Health Seminar II	1
PUBH 301	Epidemiology	3
PUBH 320	Public Health Biology	3
PUBH 330	Health Equity and Health Disparities	3
PUBH 345	Critical Thinking and Public Health Communication	3
PUBH 350	Health Systems, Policy, and Advocacy	3
PUBH 370	Applied Public Health Methods	3
PUBH 395	Public Health Seminar III	1
PUBH 397	Baccalaureate Project in Public Health	3
PUBH 420	Public Health Problem Solving: Epidemiology in Action!	3
Community Health Course. Select one of the following:		3-4
PUBH 310	Public Health and Global Citizenship	
PUBH 360	Local Citizenship and Community Health Initiatives	
PUBH 415	Historical and Contemporary Public Health Challenges	
Experiential Learning		0-3
Focus Area [d]		9
Total Hours		**46-50**

a *This course is approved for Analyzing the Natural World General Education category (non-laboratory course).*

b *This course is approved for the Understanding the Individual and Society General Education category.*

c *This requirement can be met either through coursework such as PUBH 393 or noncredit bearing experiences. Students should consult their advisor for more information.*

d *Credits in the focus area should fulfill one of the following objectives: premedical/preprofessional studies; coursework toward a minor; a specific public health disciplinary focus; or progression into the joint BS-MPH program in consultation with the student's advisor. Courses in the focus area are required to be upper-level courses.*

Free Electives

Code	Title	Hours
Electives		
Free electives to meet minimum required hours [a]		43-47
Total Hours		**43-47**

a *Students can use these electives for minors, prerequisites for professional programs (medical school, dental school, etc.), baccalaureate certificates, and other free electives. If any of the focus area courses have prerequisites that are not already satisfied by the University and General Education requirements, students are advised to choose free electives that will work toward satisfying these prerequisite requirements.*

Sample Course Schedule

Course	Title	Hours
First Year		
Fall Semester		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts [a]	3
PUBH 105	Public Health Seminar I	1
PUBH 110	Public Health and Global Societies [b]	3
Understanding the Past course		3
Understanding the Individual and Society course		3
Free Elective		1
	Hours	**14**
Spring Semester		
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
PUBH 100	Health and the Public [c]	3
Select one of the following courses:	Analyzing the Natural World - Life Science with Lab	4
BIOS 110	Biology of Cells and Organisms	
BIOS 120	Biology of Populations and Communities	
Understanding the Creative Arts course		3
Additional General Education course in any category		3
	Hours	**16**
Second Year		
Fall Semester		
PUBH 130 or STAT 101 or STAT 130	Introductory Public Health Statistics for Public Health Decision-Making [a] or Introduction to Statistics or Introduction to Statistics for the Life Sciences	4
PUBH 205	Public Health Seminar II	1
PUBH 330	Health Equity and Health Disparities	3
Free Electives		7
	Hours	**15**
Spring Semester		
PUBH 200	Exploring Connections between Human Health and the Environment	3
PUBH 301	Epidemiology	3
Free Electives		9
	Hours	**15**

Third Year		
Fall Semester		
PUBH 345	Critical Thinking and Public Health Communication	3
PUBH 395	Public Health Seminar III	1
PUBH 420	Public Health Problem Solving: Epidemiology in Action!	3
Free Electives		8
	Hours	**15**
Spring Semester		
PUBH 320	Public Health Biology	3
PUBH 350	Health Systems, Policy, and Advocacy	3
Free Electives		9
	Hours	**15**
Fourth Year		
Fall Semester		
PUBH 370	Applied Public Health Methods	3
PUBH 393	Public Health Fieldwork [d]	3
Select one of the following	Community Health courses:	3-4
PUBH 310	Public Health and Global Citizenship	
PUBH 360	Local Citizenship and Community Health Initiatives	
PUBH 415	Historical and Contemporary Public Health Challenges	
Public Health Focus Area course [e]		3
Free Electives		2-3
	Hours	**15**
Spring Semester		
PUBH 397	Baccalaureate Project in Public Health	3
Public Health Focus Area course [e]		3
Public Health Focus Area course [e]		3
Free Electives		6
	Hours	**15**
	Total Hours	**120**

a *Additional prerequisite course(s) may be required depending on placement level.*

b *This course satisfies the Exploring World Cultures General Education requirement.*

c *This course satisfies the Understanding U.S. Society General Education requirement.*

d *The Experiential Learning Requirement can be met either through coursework such as PUBH 393, or non-credit bearing experiences. Students should consult their advisor for more information.*

e *Students select 9 hours of approved Focus Area courses in consultation with their advisor. Credits in the focus area should fulfill one of the following objectives: coursework toward a minor; advanced foreign language or language area courses; pre-medical/ preprofessional studies; a specific public health disciplinary focus; progression into the joint BS-MPH program; or other focus area in consultation with the student's advisor. Courses in the Focus Area are required to be upper-level courses.*

Joint Degrees

The joint degrees are designed for high-performing undergraduates who desire to pursue graduate studies to achieve a Master of Public Health (MPH). Students will earn the BA in Public Health Practice (BAPH) or BS in Public Health Sciences (BSPH) when the student has completed at least 120 semester hours and fulfilled all baccalaureate degree requirements. The MPH will be awarded upon completion of the master's program requirements, with 10 or 11 hours of coursework shared between the two degrees, depending on the concentration.

Students seeking admission into the joint degree program, who meet the eligibility criteria, must apply for admission to the MPH early in the spring semester of the junior year via an internal application process. In consultation with their advisor, students must be on track towards completing major coursework (BAPH or BSPH) that will allow them to complete concurrent MPH coursework in Year 4. Successful applicants typically have a cumulative GPA of 3.40/4.00 or higher.

Students complete a brief application form and submit a personal statement explaining their interest in the joint program and the specific academic division they hope to join for the MPH. Following submission of the application, the undergraduate program director will first approve the application to move on to the MPH program for review within ten business days. If admitted, the student will be informed of their admission by the academic division, and the MPH will be added to their academic record for the following fall term.

Joint Degrees with the BS in Public Health Sciences

BS in Public Health Sciences/MPH, Concentration in Community Health Sciences

The requirements for the combined BS in Public Health Sciences and MPH with a concentration in Community Health Sciences (CHS) are identical to the completion of these two separate degrees; however, there are 11 semester hours of shared coursework.

Code	Title	Hours
Requirements		
Undergraduate Coursework		109
Graduate-Level Coursework		34
Shared Coursework		11
Total Hours		**154**

BS in Public Health Sciences/MPH, Concentration in Environmental and Occupational Health Sciences

The requirements for the combined BS in Public Health Sciences and MPH with a concentration in Environmental and Occupational Health Sciences (EOHS) are identical to the completion of these two separate degrees; however, there are 10 semester hours of shared coursework.

Code	Title	Hours
Requirements		
Undergraduate Coursework		110
Graduate-Level Coursework		33
Shared Coursework		10
Total Hours		**153**

BS in Public Health Sciences/MPH, Concentration in Epidemiology

The requirements for the combined BS in Public Health Sciences and MPH with a concentration in Epidemiology (EPI) are identical to the completion of these two separate degrees; however, there are 11 semester hours of coursework shared between the two degrees.

Code	Title	Hours
Requirements		
Undergraduate Coursework		109
Graduate-Level Coursework		35
Shared Coursework		11
Total Hours		**155**

BS in Public Health Sciences/MPH, Concentration in Health Policy and Administration

The requirements for the combined BS in Public Health Sciences and MPH with a concentration in Health Policy and Administration (HPA) are identical to the completion of these two separate degrees, however, there are 10 semester hours of coursework shared between the two degrees.

Code	Title	Hours
Requirements		
Undergraduate Coursework		110
Graduate-Level Coursework		33
Shared Coursework		10
Total Hours		**153**

Joint Degrees with the BA in Public Health Practice

BA in Public Health Practice/MPH, Concentration in Community Health Sciences

The requirements for the combined BA in Public Health Practice and MPH with a concentration in Community Health Sciences (CHS) are identical to the completion of these two separate degrees, however, there are 11 hours of coursework shared between the two degrees.

Code	Title	Hours
Requirements		
Undergraduate Coursework		109
Graduate-Level Coursework		34
Shared Coursework		11
Total Hours		**154**

BA in Public Health Practice/MPH, Concentration in Environmental and Occupational Health Sciences

The requirements for the combined BA in Public Health Practice and MPH with a concentration in Environmental and Occupational Health Sciences (EOHS) are identical to the completion of these two separate degrees; however, there are 10 semester hours of shared coursework.

Code	Title	Hours
Requirements		
Undergraduate Coursework		110
Graduate-Level Coursework		33
Shared Coursework		10
Total Hours		**153**

BA in Public Health Practice/MPH, Concentration in Epidemiology

The requirements for the combined BA in Public Health Practice and MPH with a concentration in Epidemiology (EPI) are identical to the completion of these two separate degrees; however, there are 11 semester hours of coursework shared between the two degrees.

Code	Title	Hours
Requirements		
Undergraduate Coursework		109
Graduate-Level Coursework		35
Shared Coursework		11
Total Hours		**155**

BA in Public Health Practice/MPH, Concentration in Health Policy and Administration

The requirements for the combined BA in Public Health Practice and MPH with a concentration in Health Policy and Administration are identical to the completion of these two separate degrees, however, there are 9 hours of coursework shared between the two degrees.

Code	Title	Hours
Requirements		
Undergraduate Coursework		110
Graduate-Level Coursework		33
Shared Coursework		10
Total Hours		**153**

Minor in Public Health

The Minor in Public Health is open to all undergraduate students from other colleges with the exception of those majoring in public health. Students must submit a request form online to join the minor and must meet the minimum GPA requirement of 2.50/4.00 at the time of submission. Students must also consult their home colleges about acceptability and applicability of public health course credit toward their degrees.

Requirements for the Minor

Registration for public health courses is often restricted to students in the School of Public Health; therefore, students seeking a minor will need to consult with the public health undergraduate academic advisor to register for courses needed. A minimum GPA of 2.00/4.00 in the 15 hours of minor coursework is required to complete the minor.

For the minor, students must complete 15 semester hours as outlined below.

Code	Title	Hours
Required Courses		
PUBH 100	Health and the Public	3
PUBH 110	Public Health and Global Societies	3
PUBH 120	Public Health and the Study of Disease and Epidemics	3

A minimum of 6 semester hours of upper-division coursework in the School of Public Health selected from a list of courses across disciplines and programs in the School of Public Health. Students can access this list from the undergraduate public health advisor who will assist them in planning a program of study that meets their interests and satisfies the requirements of the minor.	6
Total Hours	**15**

Preprofessional Studies

Pre-Public Health

The School of Public Health offers two baccalaureate degree programs: the Bachelor of Arts in Public Health Practice and the Bachelor of Science in Public Health Sciences. The Bachelor of Arts in Public Health Practice is geared toward students with an interest in the socio-cultural determinants of health and aims to prepare students for public health practice, community engaged work, and careers and graduate education focused on social justice in health and well-being. The associated selective course options for the Bachelor of Arts largely align with social sciences and humanities. The Bachelor of Science in Public Health Sciences is geared toward students seeking a deeper understanding of basic and applied sciences and aims to prepare students for graduate and professional degrees and career trajectories in fields such as epidemiology and biostatistics, dentistry, environmental and occupational health sciences, medicine, and pharmacy. The associated selective course options for the Bachelor of Science include an array of bench, lab, and applied sciences.

Direct admission to the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health requires completion of 60 semester hours of specified General Education coursework. However, students who have not yet completed the specified General Education coursework necessary for direct admission are eligible to apply to the Public Health–Undecided (Pre-Public Health) program within the School of Public Health.

Please see below for information on the 60 semester hours of Pre-Public Health coursework required for direct admission to the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health as well as an overview of admission requirements.

BA in Public Health

Code	Title	Hours
Prerequisite Courses for the BA in Public Health		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Quantitative Reasoning course [a]		3-5
PUBH 100	Health and the Public [b,c]	3
PUBH 105	Public Health Seminar I [d]	2
PUBH 110	Public Health and Global Societies [b,e]	3
PUBH 120	Public Health and the Study of Disease and Epidemics [f]	3
Analyzing the Natural World - Life Science course with a lab. Select one of the following:		4
ANTH 105	Human Evolution	
BIOS 104	Biology for Non-majors	
BIOS 110	Biology of Cells and Organisms	
BIOS 120	Biology of Populations and Communities	
Additional General Education and School Requirements		
Understanding the Past course		3
Understanding the Creative Arts course		3
Select an additional course in at least one of these General Education categories (depending on how PUBH 100 and PUBH 110 are used to satisfy General Education Requirements) [g]		3
Exploring World Cultures course		
Understanding U.S. Society course		
Understanding the Individual and Society course		
Additional General Education course(s) from any category, as necessary, to total 24 hours of General Education		2
Foreign Language (16 hours in a single language or equivalent) [h]		16
Free electives to total 60 hours		7-9
Total Hours		**60**

a *See Quantitative Reasoning in the* School of Public Health *(*p. 461*) section.* STAT 101 *or* STAT 130 *is recommended to fulfill this requirement.*

b *This course is approved for the Understanding the Individual and Society General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

c *This course is approved for the Understanding U.S. Society General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

d *Required for new first year students in the School of Public Health as well as transfer students who enter the School of Public Health with less than 24 semester hours earned. Others may enroll with permission of instructor if space permits.*

e *This course is approved for the Exploring World Cultures General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

f *This course is approved for the Analyzing the Natural World General Education category (nonlaboratory course).*

g *Students should consult the* General Education *section of the catalog for a list of approved courses in this category. All students must complete a minimum of 24 semester hours of General Education coursework with at least one course from each of the six General Education categories.*

h *If a student has a background in foreign language, proficiency in that language will be determined by testing. Should a student be deemed proficient, other coursework is chosen for this requirement. See the College of Liberal Arts and Sciences foreign language requirement for further explanation.*

BS in Public Health

Code	Title	Hours
Prerequisite Courses for the BS in Public Health		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3

Quantitative Reasoning course [a]		4-5
PUBH 100	Health and the Public [b,c]	3
PUBH 105	Public Health Seminar I [d]	2
PUBH 110	Public Health and Global Societies [b,e]	3
PUBH 120	Public Health and the Study of Disease and Epidemics [f]	3
Analyzing the Natural World - Life Science course with a lab. Select one of the following:		4
BIOS 110	Biology of Cells and Organisms	
BIOS 120	Biology of Populations and Communities	
Additional General Education Requirements		
Understanding the Past course		3
Understanding the Creative Arts course		3
Select an additional course in at least one of these General Education categories (depending on how PUBH 100 and PUBH 110 are used to satisfy General Education requirements) [g]		3
Exploring World Cultures		
Understanding U.S. Society		
Understanding the Individual and Society		
Additional General Education course(s) from any category, as necessary, to total 24 hours of General Education credit		2
Free Electives to total 60 hours		23-24
Total Hours		**60**

a *See Quantitative Reasoning in the* School of Public Health *(*p. 461*) section.* STAT 101 *or* STAT 130 *is recommended to fulfill this requirement.*

b *This course is approved for the Understanding the Individual and Society General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

c *This course is approved for the Understanding U.S. Society General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

d *Required for first year students in the School of Public Health as well as transfer students who enter the School of Public Health with less than 24 semester hours. Other students may enroll with permission of the instructor if space permits.*

e *This course is approved for the Exploring World Cultures General Education category. Courses approved for more than one General Education category may only be applied to one General Education category.*

f *This course is approved for the Analyzing the Natural World General Education category (non laboratory course).*

g *Students should consult the* General Education *section of the catalog for a list of approved courses in this category. All students must complete a minimum of 24 semester hours of General Education coursework with at least one course from each of the six General Education categories.*

Admission Requirements

Admission to Public Health–Undecided (Pre-Public Health)

New first-year applicants interested in pursuing the Bachelor of Arts or Bachelor of Science in Public Health are eligible to apply to the Public Health–Undecided (Pre-Public Health) program within the School of Public Health. In the first two years of study, Pre-Public Health students complete their prerequisite and introductory public health coursework (PUBH 100, PUBH 105, PUBH 110, and PUBH 120) and their General Education requirements. At the completion of 60 semester hours, students declare either the Bachelor of Arts (BA) or Bachelor of Science (BS) in Public Health as their degree program. See the Admissions section of the Undergraduate Catalog for additional information for first-year applicants.

Transfer applicants who have completed a minimum of 24 semester hours or 36 quarter hours of transferable college coursework at the time of application but have not yet completed their prerequisite and introductory public health coursework (PUBH 100, PUBH 110, and PUBH 120) are eligible to apply to the Public Health–Undecided (Pre-Public Health) program within the School of Public Health. Pre-Public Health transfer students complete their prerequisite and introductory public health coursework before declaring either the Bachelor of Arts (BA) or Bachelor of Science (BS) in Public Health as their degree program. Details for a full transfer application package are available on the School of Public Health Admissions page.

Transfer applicants who have completed the prerequisite and equivalent public health coursework to PUBH 100, PUBH 110, and PUBH 120, may apply directly to the Bachelor of Arts (BA) or Bachelor of Science (BS) in Public Health.

Current UIC students who have not yet completed the specified prerequisite and introductory public health coursework (PUBH 100, PUBH 110, and PUBH 120) necessary for declaring the Bachelor of Arts or Bachelor of Science in Public Health degree programs are eligible to apply as intercollege transfer applicants to the Public Health–Undecided (Pre-Public Health) program. After students have completed the prerequisite and introductory public health coursework, and at least 60 semester hours, students declare either the Bachelor of Arts (BA) or Bachelor of Science (BS) in Public Health as their degree program.

Intercollege Transfer applicants who have completed the prerequisite and introductory public health coursework (PUBH 100, PUBH 110, and PUBH 120), and at least 60 semester hours, may apply directly to the Bachelor of Arts (BA) or Bachelor of Science (BS) in Public Health.

Early Admission to the Bachelor of Arts or Bachelor of Science in Public Health

While most students will follow the traditional pathway of entering the major upon completion of 60 hours of specified coursework, early declaration of the BA or BS in Public Health degree program is possible for high achieving students. Students who have successfully completed at least 30 semester hours including at least one of the three 100-level public health courses (PUBH 100 PUBH 100, PUBH 110 PUBH 110, or PUBH 120 PUBH 120) with a minimum cumulative GPA of at least 3.25/4.00, may declare the BA or BS in Public Health at the beginning of their sophomore year. Students qualifying for early declaration will typically spread their core public health major coursework over three years rather than two. This allows students on Pre-Medicine and other professional school pathways more flexibility to complete the coursework

necessary to apply to those programs. Early declaration is also necessary for students seeking to pursue an accelerated joint degree with a UIC School of Public Health MPH program.

College of Urban Planning and Public Affairs

Contact Information:
Campus Location: 115 CUPPA Hall (CUPPAH)
(312) 413-8088
www.uic.edu/cuppa

Administration:
Dean, Stacey Swearingen White, staceysw@uic.edu
Assistant Dean for Academic Affairs, Jaime Holland, jaime43@uic.edu

Introduction

The College of Urban Planning and Public Affairs (CUPPA) shapes more sustainable, just, and equitable communities in the world's cities and metropolitan areas. As an internationally recognized leader in education, research, and engagement, CUPPA provides innovative education in urban planning, public administration, urban studies, and public policy. The college strives for academic excellence to provide inspirational learning experiences for students and to make contributions beyond the university.

Degree Requirements

To earn a College of Urban Planning and Public Affairs degree from UIC, students need to complete university, college, and department degree requirements. University and college degree requirements for all College of Urban Planning and Public Affairs students are outlined below. Students should consult their academic department section for major course requirements.

Semester Hour Requirement

The College of Urban Planning and Public Affairs semester hour requirement is determined by program:

Major	School	Degree Conferred	Total Hours
Public Policy	Public Policy, Management, and Analytics	BA in Public Policy	120
Urban Studies	Urban Planning and Policy	BA in Urban Studies	120

Course Requirements

See academic department sections for specific course requirements.

General Education Core

General Education at UIC is designed to serve as a foundation for lifelong learning. Students are required to complete a minimum of 24 semester hours in the General Education Core with at least one course from each of the following categories:

1. Analyzing the Natural World
2. Understanding the Individual and Society
3. Understanding the Past
4. Understanding the Creative Arts
5. Exploring World Cultures
6. Understanding U.S. Society

For a description and a list of courses for each General Education Core category, students should consult the General Education (p. 86) section of the catalog. Information on meeting the General Education requirements for CUPPA programs are listed in the respective academic department sections.

General Education Proficiencies—University Writing Requirement and Foreign Language

College of Urban Planning and Public Affairs students must meet the University Writing Requirement. Students in the Urban Studies program must also meet a Foreign Language requirement.

University Writing Requirement

All students must earn a passing grade in ENGL 160 and ENGL 161 or equivalent.

Foreign Language

Urban Studies students must earn 8 hours in a single language or the equivalent.

First-Year Seminar Requirement

All incoming first-year students, including transfer students who enter with less than 24 hours and those admitted in the spring semester, must take the two-course first-year seminar, UPA 120 and UPA 121, during their first and second term at UIC. Satisfactory completion of the seminar is a graduation requirement.

Other Requirements

Grade Point Average (GPA) Requirement

Students must earn a cumulative grade point average of 2.00/4.00 in all work applied to CUPPA's undergraduate degrees. In addition, the combined average of a student's transfer work and work taken at UIC must be at least 2.00. The grade point average for all degree-specific coursework must be at least 2.50. This includes 36 hours of core program requirements for the BA in Public Policy and 45 hours of required courses and selectives for the BA in Urban Studies (see departmental pages for additional information on these courses).

Course Level Requirement

A student must earn a minimum of 40 semester hours in advanced-level courses (those numbered 200 and above at UIC) at any accredited four-year college or university. At least 12 semester hours of these 40 advanced hours must be taken in the major field while in enrollment residence at UIC. Community college work, regardless of the course number, is not considered advanced for the purposes of this requirement.

Graduation Declaration/Filing to Graduate

Students declare their intent to graduate online using my.UIC. The deadline for submission to the Pending Degree List is the end of the third week (fall and spring) or second week (Summer Session 2) of the term in which graduation is sought. Failure to submit the request at this time may delay the awarding of the degree. A final review will be made following the close of the term. If a student has satisfactorily completed all the degree requirements, the student's name will be placed on the official degree list.

Enrollment Residence Requirement

See the University Degree Requirements, Graduation, and Commencement (p. 103) section of the catalog for a complete description of this requirement.

Transfer Credit

Transfer guides are available for most colleges in the Chicago area and can be found on the Admissions website.

College Policies

The following policies apply to undergraduate students enrolled in the College of Urban Planning and Public Administration.

Academic Load

Students may enroll in either a part-time or full-time program of study, in either day or evening classes. During the fall and spring semesters, a minimum full-time program is 12 semester hours. A program of 19 semester hours or more must be approved by the college academic advisor. For Summer Session 1 (four-week) and Summer Session 2 (eight-week), UIC considers a total aggregate of 6 semester hours (5 hours for graduate students) as the minimum number necessary to constitute full-time enrollment. A program of 13 semester hours or more during the summer session must be approved by the appropriate director of undergraduate studies.

Academic Notice and Dismissal Rules

Deficit Points and Academic Recovery

To better understand term notice, academic notice, dismissal, and academic recovery, it is important to understand deficit points. Students who have earned a UIC total GPA below a 2.00 will have negative deficit points. Deficit points are calculated as follows: multiply the number of semester hours for each course taken by the points for the grade received, A=+2, B=+1, C=0, D=-1, F=-2. Add the points for each course taken during the semester. The total equals the deficit points used to determine academic standing and dismissal. For every negative deficit point earned, an equivalent in positive points must be earned to offset the negative, returning the GPA to 2.00, and good academic standing. As an example, students with a -14 deficit would need a subsequent semester of 14 semester hours of B grades, with nothing less than a C in order to return to good standing. A personalized degree audit found in uAchieve details academic deficit, semester, and total GPAs.

Term Notice Rules

A student not currently on academic notice or term notice will be placed on term notice at the end of any term in which the student earns less than a 2.00/4.00 grade point average but whose UIC grade point average is equal to or greater than a 2.00/4.00. For such a student, term notice serves as a warning.

A student on term notice who earns a UIC Term GPA of at least 2.00/4.00 will be removed from term notice.

Academic Notice Rules

1. A student not currently on academic notice will be placed on academic notice at the end of any term in which the student earns a cumulative or UIC GPA less than a 2.00/4.00. This rule applies even for the student with a cumulative GPA of 2.00/4.00 or higher. For such a student, academic notice serves as a warning.
2. An entering transfer student may be placed on academic notice when admitted by petition with cumulative GPA lower than 2.00/4.00.
3. A student readmitted by petition may be placed on academic notice when admitted with a UIC GPA lower than 2.00/4.00.
4. A student readmitted by petition may be placed on academic notice when admitted with a combined cumulative GPA from UIC and other institutions that is lower than 2.00/4.00.

A student on academic notice who earns a GPA of at least 2.00/4.00 in a given term will be removed from academic notice, provided the student's cumulative GPA in all work taken at UIC is at least 2.00/4.00. Further, for the student with transfer credit, the combined average of the student's transfer credit and UIC coursework must also be at least a 2.00/4.00.

A student currently on academic notice will be continued on academic notice when the one of the following occurs:

1. The student meets the GPA required by the conditions of their academic notice but does not raise the cumulative UIC GPA to at least 2.00/4.00; or
2. The student meets the GPA required by the conditions of their academic notice but does not raise the combined average of the student's transfer credit and UIC coursework to at least 2.00/4.00.

In addition to specifying the GPA, the College or Urban Planning and Public Affairs may require the completion of specific courses, may limit the number of hours for which the student registers, and may exclude the student from taking certain courses while on academic notice. Students should speak with their academic advisor if they have questions about the terms of their academic notice.

Dismissal Rules

The college is greatly concerned with student success and occasionally must take steps to encourage a student to remediate academic deficits and/or reevaluate their commitment to higher education. After careful consideration of a student's ability to recover from academic difficulty, the college may elect to academically dismiss a student and cancel their continuing student status.

In any term, a student may be dismissed for one or more of the following reasons:

1. First-term students may be dismissed after their first term of enrollment if they earn zero credit, a grade point average of less than 1.00/4.00, or obtain a deficit of -15 points or more.
2. Continuing students may be dismissed at the end of any term in which they obtain a deficit of -15 points or more.
3. Failure to earn any credit.
4. Failure to earn at least a 2.00/4.00 while on academic notice.
5. Failure to meet conditions of an academic contract.
6. Failure to meet conditions specified at the time of admission.
7. Failure to make progress toward completion of a CUPPA degree.
8. Two or more consecutive terms of university withdrawals.

The dean may waive the dismissal rules in extraordinary circumstances.

Appeal of a Dismissal Decision

Students who have been dismissed may apply for readmission after two terms (excluding the summer session), applications originate at the office of admissions. If there were extenuating circumstances that led to poor academic performance, a student may appeal the dismissal. Documentation of extenuating circumstances must be provided. The

student may request immediate reinstatement by following the guidelines as outlined in the college dismissal letter.

Change of Course Schedule - Dropping Courses

Undergraduate students may drop courses using my.UIC through the end of the second week of classes for fall and spring semesters, the first Wednesday of Summer Session 1, or the first Friday of Summer Session 2. During weeks 3 through 10 of the fall and spring semesters (first Thursday through the third Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2) students may drop courses with the permission of their major college. If the drop occurs between 0 and 2 weeks in fall and spring, there will be no notation on the transcript. If the drop occurs during weeks 3 through 10 in fall and spring (first Thursday through the second Wednesday of Summer Session 1 or weeks 2 through 5 of Summer Session 2), a W is noted on the transcript. Undergraduate students may drop a maximum of 4 UIC individual courses that result in a W notation on their transcript during their entire undergraduate degree program.

Class Attendance

Each instructor establishes the attendance policy for the class, including penalties for nonattendance. Failure to attend classes does not result in automatic withdrawal from a course. The college expects that students will attend all classes.

Course Prerequisites

A student must satisfy the prerequisites before enrolling in a course. A student enrolling in a course without having met the prerequisites may be withdrawn from the course. Course prerequisites are listed in both the course descriptions in this catalog and the Schedule of Classes. Only the instructor may waive the prerequisite, if given evidence that the student is adequately prepared to pursue the subject.

Credit/No Credit Option

The credit/no credit option allows the student to complete a course with a grade of credit (CR) or no credit (NC) instead of a letter grade. Courses completed with a grade of CR carry credit and apply toward degree requirements. In general, grades of CR and NC are final and cannot be changed to letter grades. The Public Policy and Urban Studies programs' policy coincides with campus policy with the following conditions:

1. Only students in good standing may elect to take a course under the credit/no credit option. Students on academic notice and those whose status is undetermined at the time at which they elect the option are not eligible.
2. A student may request only one course per term as credit/no credit.
3. No more than two courses in a single discipline may be taken as credit/no credit.
4. Only elective courses may be taken on a credit/no credit basis; courses being used to meet any graduation course requirements must be taken for letter grades.
5. The following describes the restrictions that apply to all students:
    a. Students may not take ENGL 160 or ENGL 161 as credit/no credit.
    b. Students may not take any course used to satisfy the foreign language requirement in the Urban Studies program as credit/no credit.
    c. Students may not take any course used to satisfy the General Education Core requirements as credit/no credit. Until students have completed the minimum requirement in each General Education Core category, courses from these areas may not be taken as credit/no credit.
    d. Students may not take any course being used to satisfy the requirements of the Public Policy or Urban Studies major or required prerequisite and collateral courses of the major as credit/no credit.
6. A student may earn no more than 21 semester hours of credit at UIC under the credit/no credit option.

Students must apply to take a course credit/no credit, no later than the tenth day of the term (first Wednesday of Summer Session 1 or first Friday of Summer Session 2). After that date, students may not request courses on a credit/no credit basis nor may they change a credit/no credit request previously submitted. It is the responsibility of the student to determine eligibility under the regulations. Students will be informed if they are ineligible and will receive a grade for the course. Students with questions concerning their eligibility should make an appointment with the appropriate director of undergraduate studies.

Declaring a Major

Students must declare a major that leads to a degree after earning 45 semester hours. Failure to do so will result in a registration hold which will not be lifted until the student has changed their major to one that leads to a degree. Transfer students entering with 45 semester hours or more must declare a major by the end of their first term at UIC. Failure to do so will result in a registration hold which will not be lifted until the student has changed their major to one that leads to a degree. Students who have earned 45 semester hours or more may not change their major to an Undeclared Major.

Double Major, Double Degrees, and Second Bachelor's Degree

Double Major

This option is not available in the College of Urban Planning and Public Affairs.

Double Degrees

Double degrees consist of two bachelor's degrees completed concurrently. Double degrees may be possible. Students should consult the college section of the catalog for the second degree program to determine if this option is available.

Students seeking two bachelor's degrees concurrently must formally request acceptance into the second degree program. Students must complete a minimum of 30 semester hours beyond those required for the first degree and all requirements for each of the degree programs as specified by the college and major department. All students interested in double degrees should discuss this option with an advisor.

Double degrees are not permitted when there is substantial course overlap between the first and second degrees.

Students who obtain double degrees receive a diploma for each degree. No more than two bachelor's degrees may be awarded concurrently.

Second Bachelor's Degree

Students who have already earned a bachelor's degree at UIC or another institution are required to follow the same application procedures as all other applicants in order to pursue a second bachelor's degree. Students must complete all requirements for the second degree as specified by the

college and the major department, including a minimum of 30 semester hours beyond those required for the first degree. The UIC enrollment residence requirement must also be met, i.e., the last 30 semester hours for the second degree must be taken at UIC. A second bachelor's degree is not permitted when there is substantial course overlap between the first and second degrees.

Independent Study

A student must have a minimum 2.00/4.00 grade point average in all coursework taken at UIC and must obtain consent of the instructor and the degree program prior to registration. No student may enroll in an independent study course after the tenth day of the term without approval of the director of undergraduate studies.

Petition Procedure

Any rule, regulation, or action of the college may be appealed in writing. Continuing students must initiate the petitions process in consultation with their assigned academic advisor. It is the student's responsibility to provide documentation in support of the petition. Submission of a petition does not imply approval.

Registration Approval

All new students are required to either receive advising or attend an orientation program prior to registration.

Repeat Policy for Standard Graded Courses

The undergraduate programs require students to discuss any plan to repeat a course with their academic advisor before they register to repeat the course.

Courses with A or B grades may not be repeated. Normally, courses with a C grade may not be repeated. Courses with D or F grades may be repeated once without written permission. In all cases, the original grade for the course and the grade for each repeat will appear on the transcript. The original grade and the grade for each repeat will be calculated into the grade point average. Only one registration for the course counts toward the total number of credits required for graduation. A course cannot be repeated after receiving credit in a course for which the repeat course is a prerequisite.

To repeat a course more than once due to a grade of D or F requires written permission from the student's college dean. Students who have been dismissed may not appeal on the grounds of intention to repeat courses. Certain courses may not be repeated; students should consult their college before repeating a course.

Undergraduate Grade Point Average Recalculation Policy

- Colleges may elect to implement this policy as early as the end of the junior year, or as late as the final semester during degree certification.
- The college will evaluate each student unable to graduate because of an academic grade point average deficit. The deficit may occur in the UIC GPA, the program GPA, or both.
- The academic record is examined so as to determine if courses, deemed appropriate by each college, with grades of F or grades of D, may be excluded from the student's grade point average.
- A total of four courses may be excluded, with one course excluded at a time until the necessary quality points are obtained to meet the UIC GPA requirement and/or degree program minimum GPA. The semester hours associated with excluded course grades will not count towards graduation requirements.
- Only the college can initiate course exclusions, and only in consultation with the evaluated student.
- Students may not request exclusions.
- Only courses taken at UIC may be converted as part of this policy.
- This policy only applies to undergraduate degree seeking students.
- All courses taken and all grades will remain on the official transcript.
- The grade exclusion policy does not apply to courses failed as the result of a student conduct hearing.
- In cases where these procedures would impact program accreditation, licensure or similar, colleges may use their discretion to allow the policy. Colleges, departments, and programs may have discretion in choosing courses that impact the student's major.

Transferring

Intercollege Transfer Students

Students currently enrolled at UIC who want to transfer into the College of Urban Planning and Public Affairs should complete an Intercollege Transfer Application. Admission to degree programs in CUPPA is limited to those students in good academic standing who have a UIC grade point average of at least 2.00/4.00 and whose combined UIC and transfer grade point average is at least 2.00. Those students who are accepted into either the Public Policy or Urban Studies degree program are expected to enroll immediately in courses that fulfill degree requirements.

Transfer Students from Other Colleges and Universities

Provided space is available, a minimum 2.50/4.00 grade point average is required for consideration. Please consult the Admissions (p. 42) section of the catalog for more information. See the Office of Admissions Transfer Guide for more information about transfer admission requirements.

Transferring out of the College

A CUPPA undergraduate student who wants to transfer into another UIC college must follow the procedures of that college.

Military Science Credit

Students may earn a maximum of three semester hours of 100-level Military Science and Naval Science courses. An additional one hour of credit in basic military science is allowed for students who have served for a minimum of six months of extended active duty in any branch of the armed forces for the United States. Students in the BA in Public Policy may be able to apply 200-, 300-, and 400-level Military Science courses to a specialization with approval of an advisor or director of undergraduate studies.

Minors

The College of Urban Planning and Public Affairs offers the following minors. Please see departmental listings for more information.

Minor	Department	Hours
Civic Analytics	Public Policy, Management, and Analytics	15
Geographic Information Systems	Urban Planning and Policy	12

Nonprofit Management	Public Policy, Management, and Analytics	15
Public Policy	Public Policy, Management, and Analytics	15
Research Design and Data Analysis	Public Policy, Management, and Analytics	15-17
Sustainable Cities	Urban Planning and Policy	12
Urban Studies	Urban Planning and Policy	15

Academic Advising

Advising Policy

The CUPPA undergraduate programs encourage the intellectual growth and development of the student as an individual. Newly admitted students are required to participate in an advising session prior to their initial registration. To arrange an advising appointment, students may contact the director of undergraduate studies or the college academic advisor.

New Students

All new first-year and transfer students MUST meet with an academic advisor before registering for their first semester. New first-year and transfer students are also required to meet with an academic advisor prior to enrolling in second-semester classes. Students should make academic advising appointments using iAdvise's online appointment system on my.UIC.

Continuing Students

Continuing second-year and upper division students are encouraged to meet with their advisor to continue the development of an academic plan and prioritize declaring a major. Students can schedule an appointment with their assigned advisor online through the iAdvise appointment system. The responsibility for selecting courses and meeting graduation requirements rests with the students, who must plan intelligently to make their programs consistent with their goals and with college requirements.

Academic Honors

University Honors

The college recognizes and conforms with the campus-wide honors program. University Honors are awarded to graduating students who satisfy UIC hours residency requirements with a UIC grade point average that falls within the following honors categories:

- **Summa cum laude:** 3.90 and above
- **Magna cum laude:** 3.75 to 3.89
- **Cum laude:** 3.50 to 3.74

University Honors will be awarded based on UIC GPA at the end of the term prior to the term of graduation for commencement ceremony purposes. UIC will make permanent adjustments to student transcripts and diploma related to University Honors based on final grades.

Dean's List

Exceptional academic achievement in the College of Urban Planning and Public Affairs is recognized each term by inclusion on the Dean's List. Eligibility is based on a 3.50/4.00 term GPA with a minimum program of 12 semester hours, exclusive of basic military science and basic activity courses in physical education. At least 9 semester hours must be earned for letter grades, in addition to a grade of Credit earned in any course taken on a credit/no credit basis.

Department of Public Policy, Management, and Analytics

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Program Code:
20GP5366BA

Bachelor of Arts in Public Policy

Public Policy is a field that promotes the understanding of public problems and how governments and the public attempt to address them. Public Policy provides excellent preparation for careers in government at all levels (federal, state, local), as well as the nonprofit sector, law, and consulting. Given the impact public policy has on medicine, engineering, technology, and other key sectors of the global economy, a minor in Public Policy provides critical knowledge for students pursuing careers in these fields.

This program focuses on the systematic analysis of public policy issues and decision processes, and includes instruction in the role of economic and political factors in public decision-making and policy formulation, microeconomic analysis of policy issues, resource allocation and decision modeling, cost/benefit analysis, statistical methods, and through a three-course specialization sequence, includes applications to specific public policy topics. Students may enter as freshmen or as transfer students from other programs or universities. Students must maintain a minimum cumulative GPA of 2.00/4.00 in all coursework taken at UIC and a minimum GPA of 2.50/4.00 in all coursework counting toward core program requirements (see below).

Admission Requirements

New first year students interested in admission to the BA in Public Policy program must apply using the Common Application and be admitted by the Department of Public Policy, Management, and Analytics and the College of Urban Planning and Public Affairs. Admission is competitive, and preference is given to those applicants selected to have the best potential for academic success. See the Admissions (p. 42) section for more information.

Transfer students who have completed a minimum of 24 semester hours or 36 quarter hours of transferable college coursework by the time of application, and do not meet the definition of an incoming first year or readmission applicant may apply to transfer into the BA in Public Policy. While 24 semester or 36 quarter hours are the minimum number of hours required, most curricula require additional semester hours and the completion of some specific core first year courses. See the Admissions (p. 42) section for additional information. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

Grade Point Average

A student must earn a cumulative grade point average of 2.00/4.00 in all work taken at UIC and a cumulative grade point average of 2.50/4.00 for required courses (core program requirements) for the Public Policy degree. In addition, the combined grade point average of a student's transfer work and work taken at UIC must be at least 2.00.

Minor in Civic Analytics

The Minor in Civic Analytics is open to all undergraduate students. A minimum GPA of 2.50/4.00 for the 15 semester hours of coursework is required to complete the minor, with at least 6 semester hours at the 200 level or above. Elective courses may have prerequisites that do not count toward the minor. Students must submit a request form online and consult their home colleges about the acceptability and applicability of College of Urban Planning and Public Affairs course credits toward their degrees. To meet the residency requirement, students must complete at least half (three courses) of their minor coursework at UIC.

No more than two courses can double-count toward both the Public Policy major (including selective courses) and PPMA minor(s). Any course counting for one PPMA minor is prohibited to count for another PPMA minor unless the course is a required course for both minors.

The minor is distinct from the CUPPA concentration in the BS in Data Science program; therefore, courses used to complete the requirements in that program cannot also be applied toward the Minor in Civic Analytics.

Minor in Nonprofit Management

The Minor in Nonprofit Management is open to all undergraduate students. A minimum GPA of 2.50/4.00 for the 15 semester hours of coursework is required to complete the minor, with at least 6 semester hours at the 200 level or above. Elective courses may have prerequisites that do not count toward the minor. Students must submit a request form online and consult their home colleges about the acceptability and applicability of College of Urban Planning and Public Affairs course credits toward their degrees. To meet the residency requirement, students must complete at least half (three courses) of their minor coursework at UIC.

No more than two courses can double-count toward both the Public Policy major (including selective courses) and PPMA minor(s). Any course counting for one PPMA minor is prohibited to count for another PPMA minor unless the course is a required course for both minors.

Minor in Public Policy

The minor in Public Policy is open to undergraduate students from any unit or college at UIC. A minimum GPA of 2.50/4.00 for the 15 semester hours of coursework is required to complete the minor, with at least 6 semester hours at the 200 level or above. Elective courses may have prerequisites that do not count toward the minor. Students must submit a request form online and consult their home colleges about the acceptability and applicability of College of Urban Planning and Public Affairs course credits toward their degrees. To meet the residency requirement, students must complete at least half (three courses) of their minor coursework at UIC.

No more than two courses can double-count toward both the Public Policy major (including selective courses) and PPMA minor(s). Any course counting for one PPMA minor is prohibited to count for another PPMA minor unless the course is a required course for both minors. Students who are majoring in Public Policy may not pursue a Public Policy minor.

Minor in Research Design and Data Analysis

The minor in Research Design and Data Analysis is open to undergraduate students from any unit or college at UIC. A minimum GPA of 2.50/4.00 for the 15 semester hours of coursework is required to complete the minor, with at least 6 semester hours at the 200 level or above. Elective courses may have prerequisites that do not count toward the minor. Students must submit a request form online and consult their home colleges about the acceptability and applicability of College of Urban Planning and Public Affairs course credits toward their degrees. To meet the residency requirement, students must complete at least half (three courses) of their minor coursework at UIC.

No more than two courses can double-count toward both the Public Policy major (including selective courses) and PPMA minor(s). Any course counting for one PPMA minor is prohibited to count for another PPMA minor unless the course is a required course for both minors. Students who are majoring in Public Policy may not pursue a Public Policy minor.

Degree Programs

- BA in Public Policy (p. 480)
- Joint BA in Public Policy and Master of Public Administration (p. 483)
- Joint BA in Public Policy and Master of Public Policy (p. 483)
- Joint BA in Public Policy and Master of Urban Planning and Policy (p. 483)
- Joint BA in Public Policy and MS in Civic Analytics (p. 483)

Minors

- Minor in Civic Analytics (p. 484)
- Minor in Nonprofit Management (p. 484)
- Minor in Public Policy (p. 485)
- Minor in Research Design and Data Analysis (p. 485)

BA in Public Policy

Program Codes:
20GP5366BA

Degree Requirements

To earn a Bachelor of Arts degree from UIC, students must complete university, college, and department degree requirements. The Department of Public Policy, Management, and Analytics degree requirements are outlined below. Students should consult the College

of Urban Planning and Public Affairs section for additional degree requirements and college academic policies. Elective courses may have prerequisites.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		29-33
Core Program Requirements		36
Electives		51-55
Total Hours		**120**

Basic and General Education Requirements [a]

Code	Title	Hours
Required Courses		
UPA 120	Urban and Public Affairs Seminar I [b]	1
UPA 121	Urban and Public Affairs Seminar II [b]	1
ENGL 160 & ENGL 161	Academic Writing I: Writing in Academic and Public Contexts and Academic Writing II: Writing for Inquiry and Research	6
MATH 110	College Algebra	4
ECON 120	Principles of Microeconomics [c]	4
Understanding the Past course [d]		3
Understanding the Creative Arts course [d]		3
Exploring World Cultures course [d]		3
Analyzing the Natural World course [d]		3-5
One elective course from any General Education Core category [d]		3
Total Hours		**29-33**

a *The University General Education Core requirement is a total of 24 semester hours distributed across the six categories. Two required courses in the major are approved for General Education credit and count toward the student's 24 hours of General Education Core courses, including the Understanding U.S. Society category.*

b *Required for new freshmen only.*

c *This course meets the General Education course requirements for Understanding the Individual and Society.*

d *Consult the* General Education *(p. 86) section for lists of approved courses in each of these General Education categories.*

Core Program Requirements

Code	Title	Hours
Required Courses		
PPOL 100	Individual Action and Democratic Citizenship [a]	3
PPOL 105	Programming and Data Analysis for Public Policy I	3
ECON 220	Microeconomics: Theory and Applications [b]	3
or US 240	Urban and Community Economics	
PPOL 205	Programming and Data Analysis for Public Policy II	3
PPOL 210	Introduction to Public Policy [c]	3
PPOL 303	Policy Implementation and Management	3
PPOL 305	Policy Analysis	3
PPOL 405	Evaluating Public Policies and Programs	3
PPOL 491	Internship Experience in Public Policy and Urban Studies	3
Three Policy Specialization courses at the 200 level and above [d]		9
Total Hours		**36**

a *This course is approved for the Understanding the Individual and Society General Education category. Two courses from the major will count toward the university requirement of a total of 24 semester hours of General Education courses.*

b *Students completing the BA in Public Policy who have not completed MATH 121 or an equivalent course should consult with their academic advisor.*

c *PPOL 210 is approved for the Understanding U.S. Society General Education category. Two courses from the major will count toward the university requirement of a total of 24 hours of General Education Core courses. One must be a course from the Understanding U.S. Society category.*

d *Options for three-course specializations are listed below. Students may choose from these lists or customize their own three-course specializations. All specializations must be approved by the undergraduate program coordinator in the Department of Public Policy, Management, and Analytics.*

Electives

Code	Title	Hours
Courses		
Electives required outside the Basic and General Education and Core Program Requirements		51-55
Total Hours		**51-55**

If any of the three-course specialization classes have prerequisites that are not already covered in the Basic and General Education Requirements, students should choose electives that also serve as prerequisites for their specialization courses. For example, students interested in a Health Policy specialization must take PUBH 100, PUBH 110, and PUBH 120 as prerequisites for PUBH 310, PUBH 330, and PUBH 350. PUBH 100 is a U.S. Society course and PUBH 110 is a World Cultures course, so each one can fulfill General Education requirements as well. Check the Course Descriptions for prerequisite requirements for all courses.

Course Options for Public Policy Specializations

Students may choose any 200-, 300-, and 400-level courses for the 9 semester hours in a specialization requirement. The following groups of courses are offered as guidance to students who may have an interest in any of the educational paths shown below. Students may choose a specialization from the list or customize their own in conjunction with the appropriate departments (e.g., Criminology, Law, and Justice; Urban Planning and Policy; Communication) provided there is consultation and the approval of the advisor(s) in the department(s). All specializations must be approved by the undergraduate advisor in the Department of Public Policy, Management, and Analytics, who will seek endorsement from the appropriate department(s) offering the advanced coursework.

Students interested in pursuing a minor in any of these areas should refer to the Undergraduate Catalog for further requirements not listed here. Consult XE Registration for terms during which courses are offered. The Department of Public Policy, Management, and Analytics does not determine course offerings in other departments. Military Science courses (200-, 300-, and 400-level) may be applicable to a specialization with approval of the advisor or director of undergraduate studies.

Code	Title	Hours
Specialization Course Options		
Economic Development Policy		
ECON 311	Introduction to Urban Real Estate	
ECON 334	Economic Development	
ECON 342	Regional Economics	
PPOL 212	Evidence-Based Public Policy	
PPOL 232	International Development Policy	
US 202	Social Justice and the City	
US 240	Urban and Community Economics [a]	
US 301	Political Economy of Urban Development	
Education Policy		
ECON 214	Economics of Education	
ED 200	Education Policy Foundations	
ED 252	Contemporary Controversies in U.S. Schools	
ED 402	Philosophy of Education and Urban School Policy	
ED 403	Policy Issues in the History of American Education	
EDPS 412	Politics of Urban Education	
Environmental Policy		
EAES 116	Energy for Future Decision-Makers	
PA 494	Special Topics in Public Administration	
PPOL 240	Environmental Policy	
US 230	Practices for Sustainable Cities	
UPP 403	Just and Sustainable Planning Practices for Great Cities	
Fiscal Policy		
ECON 121	Principles of Macroeconomics	
ECON 221	Macroeconomics in the World Economy: Theory and Applications	
ECON 328	Public Finance	
FIN 250	Personal Finance	
FIN 300	Introduction to Finance	
PA 553	State and Local Public Finance	
POLS 211	Chicago's Future	
POLS 212	State Government	
POLS 228	U.S. Congress	
POLS 246	History of American Capitalism	
PPOL 296	Special Topics in Public Policy (section needs to be chosen in consultation with the student's advisor)	
PPOL 309	Public Budgeting and Financial Management	
Health Policy		
ECON 215	Health Economics	
PUBH 310	Public Health and Global Citizenship	
PUBH 330	Health Equity and Health Disparities	
PUBH 350	Health Systems, Policy, and Advocacy	
SOC 251	Health and Medicine	
Foreign and Global Policy		
MILS 217	Introduction to United States Military History	
POLS 281	United States Foreign Policy	
POLS 284	International Security	
POLS 287	International Law	
POLS 384	International Relations Theory	
PPOL 232	International Development Policy	
Social Policy		
BLST/SOC 271	Race and the Politics of Incarceration [b]	
PPOL 231	Social Policy and Inequality in the U.S.	
PPOL 232	International Development Policy	
SJ 201	Theories and Practices of Social Justice	
SOC 225	Racial and Ethnic Groups [b]	
SOC 241	Social Inequalities [b]	
SOC 265	Sociology of Politics [b]	

a *If US 240 is taken as an alternative to ECON 220 to meet the core program requirements, this course cannot count toward the Economic Development Policy specialization hours.*

b *Has prerequisite of SOC 100 or SOC 105; both courses meet the Understanding the U.S. Society General Education requirement.*

Sample Course Schedule

Course	Title	Hours
Freshman Year		
First Semester		
UPA 120	Urban and Public Affairs Seminar I	1
MATH 110	College Algebra	4
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
PPOL 100	Individual Action and Democratic Citizenship	3
General Education course		3
	Hours	**14**
Second Semester		
UPA 121	Urban and Public Affairs Seminar II	1
PPOL 105	Programming and Data Analysis for Public Policy I	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
ECON 120	Principles of Microeconomics	4
General Education course		3
	Hours	**14**
Sophomore Year		
First Semester		
PPOL 210	Introduction to Public Policy	3
US 240	Urban and Community Economics	3
General Education course		3
General Education course		3
Elective		3
	Hours	**15**
Second Semester		
PPOL 305	Policy Analysis	3

PPOL 205	Programming and Data Analysis for Public Policy II	3
General Education course		3
Elective		3
Elective		3
	Hours	**15**
Junior Year		
First Semester		
PPOL 303	Policy Implementation and Management	3
Elective		3
Elective		3
Elective		3
Elective		3
	Hours	**15**
Second Semester		
Policy Specialization course		3
Elective		3
Elective		3
Elective		3
Elective		3
	Hours	**15**
Senior Year		
First Semester		
PPOL 405	Evaluating Public Policies and Programs	3
Elective		3
Elective		3
Policy Specialization course		3
Policy Specialization course		3
	Hours	**15**
Second Semester		
PPOL 491	Internship Experience in Public Policy and Urban Studies	3
Policy Specialization Elective		3
Elective		3
Elective		4
Elective		4
	Hours	**17**
	Total Hours	**120**

Joint Degrees with the BA in Public Policy

Joint BA in Public Policy/Master of Public Administration

The Joint Bachelor of Arts in Public Policy (BAPP) and Master of Public Administration (MPA) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Public Administration. Students will earn the BAPP upon completion of the undergraduate degree requirements (p. 480) and the MPA degree upon completion of the Master's program requirements with 14 hours of coursework shared between the two degrees.

The requirements for completion of the combined BAPP/MPA degree are identical to the completion of these two separate degrees; however, there are 9 hours of shared coursework used for both degrees. Completion of 106 hours at the undergraduate level; plus 14 shared hours counting toward both the BAPP and MPA degrees; plus 39 hours of coursework at the graduate level will result in joint BAPP and MPA degrees.

Students may submit their intent to apply to the joint degree program when they enter as first-year students or when they transfer into the college. They should meet with their undergraduate advisor to plan their courses accordingly. Students must apply to the program their senior year and be accepted by a DGS#led admissions committee. To be eligible, students are required to have a minimum cumulative GPA of 3.40/4.00 upon application and throughout the remainder of their senior year. After completing their senior year, they must maintain a GPA of at least 3.00 in all graduate coursework.

Joint BA in Public Policy/Master of Public Policy

The Joint Bachelor of Arts in Public Policy (BAPP) and Master of Public Policy (MPP) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Public Policy. Students will earn the BAPP upon completion of the undergraduate degree requirements (p. 480) and the MPP degree upon completion of the Master's program requirements with 9 hours of coursework shared between the two degrees.

The requirements for completion of the combined BAPP/MPP degree are identical to the completion of these two separate degrees; however, there are 14 hours of shared coursework used for both degrees. Completion of 106 hours at the undergraduate level; plus 14 shared hours counting toward both the BAPP and MPP degrees; plus 39 hours of coursework at the graduate level will result in joint BAPP and MPP degrees.

Students may submit their intent to apply to the joint degree program when they enter as first-year students or when they transfer into the college. They should meet with their undergraduate advisor to plan their courses accordingly. Students must apply to the program their senior year and be accepted by a DGS#led admissions committee. To be eligible, students are required to have a minimum cumulative GPA of 3.40/4.00 upon application and throughout the remainder of their senior year. After completing their senior year, they must maintain a GPA of at least 3.00 in all graduate coursework.

Joint BA in Public Policy/Master of Urban Planning and Policy

The Joint Bachelor of Arts in Public Policy (BAPP) and Master of Urban Planning and Policy (MUPP) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Urban Planning and Policy. Students will earn the BAPP upon completion of the undergraduate degree (p. 480)requirements (p. 480) and the MUPP degree upon completion of the Master's program requirements with 9 hours of coursework shared between the two degrees.

The requirements for completion of the combined BAPP/MUPP degree are identical to the completion of these two separate degrees; however, there are 9 hours of shared coursework used for both degrees. Completion of 111 hours at the undergraduate level; plus 9 shared hours counting toward both the BAPP and MUPP degrees; plus 51 hours of coursework at the graduate level will result in joint BAPP and MUPP degrees.

Students may submit their intent to apply to the joint degree program when they enter as first-year students or when they transfer into the college. They should meet with their undergraduate advisor to plan their courses accordingly. Students must apply to the program their senior year and be accepted by a DGS#led admissions committee. To be eligible, students are required to have a minimum cumulative GPA of 3.40/4.00 upon application and throughout the remainder of their senior

year. After completing their senior year, they must maintain a GPA of at least 3.00 in all graduate coursework.

Joint BA in Public Policy/MS in Civic Analytics

The Joint Bachelor of Arts in Public Policy (BAPP) and Master of Science in Civic Analytics (MSCA) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Public Policy and Civic Analytics. Students will earn the BAPP upon completion of the undergraduate degree (p. 480)requirements (p. 480) and the MSCA degree upon completion of the Master's program requirements with 9 hours of coursework shared between the two degrees.

The requirements for completion of the combined BAPP/MSCA degree are identical to the completion of these two separate degrees; however, there are 14 hours of shared coursework used for both degrees. Completion of 106 hours at the undergraduate level; plus 14 shared hours counting toward both the BAPP and MSCA degrees; plus 39 hours of coursework at the graduate level will result in joint BAPP and MSCA degrees.

Students may submit their intent to apply to the joint degree program when they enter as first-year students or when they transfer into the college. They should meet with their undergraduate advisor to plan their courses accordingly. Students must apply to the program their senior year and be accepted by a DGS#led admissions committee. To be eligible, students are required to have a minimum cumulative GPA of 3.40/4.00 upon application and throughout the remainder of their senior year. After completing their senior year, they must maintain a GPA of at least 3.00 in all graduate coursework.

Minor in Civic Analytics

Requirements for the Minor

Students must complete 15 semester hours as outlined below, with at least 6 hours at the 200 level or above. A GPA of 2.50/4.00 is required in courses taken toward the minor.

No more than two courses can double-count toward both the Public Policy major (including selective courses) and PPMA minor(s). Any course counting for one PPMA minor is prohibited to count for another PPMA minor unless the course is a required course for both minors.

Code	Title	Hours
Core Courses		
PPOL 105	Programming and Data Analysis for Public Policy I	3
PPOL 210	Introduction to Public Policy [a]	3
or PPOL 300	Urban Policy and Metropolitan Governance	
PPOL 220	Introduction to Civic Technology	3
Electives		
Select at least 6 hours from the following courses:		6
PPOL 205	Programming and Data Analysis for Public Policy II	
PPOL 210	Introduction to Public Policy	
PPOL 212	Evidence-Based Public Policy	
PPOL 296	Special Topics in Public Policy	
PPOL 300	Urban Policy and Metropolitan Governance [b]	
PPOL 303	Policy Implementation and Management [c]	
PPOL 307	Policy Analysis III: Identifying and Developing Alternatives [d]	
PPOL 396	Special Topics in Public Policy	
PPOL 405	Evaluating Public Policies and Programs	
UPP 405	Researching the City	
UPP 458	Introduction to Geospatial Analysis and Visualization I [e]	
UPP 459	Introduction to Geospatial Analysis and Visualization II [f]	
UPP 460	Introduction to Geospatial Analysis and Visualization [g]	
UPP 465	Topics in Geospatial Analysis and Visualization [h]	
US 208	Mapping the Urban: Cartography and its Alternatives	
US 250	Analyzing the City	
US 261	Mapping, Data, and Geographic Information Systems	
US 304	Visualizing the City: Methods and Tools for Representing the City	
US 306	Urban Policy Analysis Methods [i]	
US 361	Introduction to Geographic Information Systems I	
Total Hours		**15**

a *When students complete both PPOL 210 and PPOL 300, PPOL 300 may be applied as an elective.*

b *Prerequisites: Admission to the BA in Public Policy or BA in Urban Studies and college-level Microeconomics; or consent of the instructor.*

c *Prerequisites: PPOL 210 and admission to the BA in Public Policy or Urban Studies; or consent of the instructor.*

d *Prerequisites: PPOL 210; and grade of C or better in ENGL 161.*

e *Credit is not given for UPP 458 or UPP 459 if a student has credit in UPP 460. Extensive computer use required.*

f *Prerequisites: Grade of B or better in UPP 458; and senior standing or above; or consent of the instructor.*

g *Prerequisites: Junior standing or above; and approval of the department.*

h *Prerequisites: Grade of B or better in UPP 460 or UPP 461; and appropriate score on the department placement test; and senior standing or above; and consent of the instructor.*

i *Prerequisites: Grade of C or better in US 240; Grade of B or better in ECON 120; and junior standing or above; or consent of the instructor.*

Minor in Nonprofit Management

Requirements for the Minor

For the minor, students must complete 15 semester hours as outlined below, with at least 6 hours at the 200 level or above. A GPA of 2.50/4.00 is required in courses taken toward the minor.

No more than two courses can double-count toward both the Public Policy major (including selective courses) and PPMA minor(s). Any

course counting for one PPMA minor is prohibited to count for another PPMA minor unless the course is a required course for both minors.

Code	Title	Hours
Required Courses		
PPOL 230	Nonprofit Organizations and Civil Society	3
PPOL 330	Introduction to Managing Public and Nonprofit Organizations	3
PPOL 430	Fundraising and Development for Nonprofit Organizations	3
Elective Courses [a]		
Select two of the following courses:		6
PPOL 231	Social Policy and Inequality in the U.S.	
PPOL 232	International Development Policy	
PPOL 240	Environmental Policy	
PPOL 296	Special Topics in Public Policy	
PPOL 300	Urban Policy and Metropolitan Governance	
PPOL 467	Civic Engagement	
US 202	Social Justice and the City	
SJ 101	Introduction to Social Justice: Stories and Struggles	
SJ 201	Theories and Practices of Social Justice	
ENTR 310	Introduction to Entrepreneurship	
ENTR 420	Social Entrepreneurship	
Total Hours		**15**

a *Students are encouraged to seek guidance from the director of undergraduate studies and/or the academic advisor in CUPPA in the selection of electives. These may be taken primarily in one department or across multiple departments.*

Minor in Public Policy

Requirements for the Minor

Students must complete 15 semester hours (five courses) as outlined below, with at least 6 hours at the 200 level or above. A GPA of 2.50/4.00 is required in courses taken toward the minor. Students who are majoring in Public Policy may not pursue a Public Policy minor.

No more than two courses can double-count toward both the Public Policy major (including selective courses) and PPMA minor(s). Any course counting for one PPMA minor is prohibited to count for another PPMA minor unless the course is a required course for both minors.

Code	Title	Hours
Required Courses		
PPOL 210	Introduction to Public Policy	3
PPOL 305	Policy Analysis	3
Elective Courses		
Select three of the following with at least one course (3 hours) to be selected from Public Policy or Public Administration.		9
NOTE: Students are encouraged to seek guidance in the selection of electives. They may be taken primarily in one department, or across multiple departments.		
PPOL 100	Individual Action and Democratic Citizenship	
PPOL 212	Evidence-Based Public Policy	
PPOL 230	Nonprofit Organizations and Civil Society	
PPOL 231	Social Policy and Inequality in the U.S.	
PPOL 232	International Development Policy	
PPOL 240	Environmental Policy	
PPOL 300	Urban Policy and Metropolitan Governance	
PPOL 303	Policy Implementation and Management	
PPOL 309	Public Budgeting and Financial Management	
PPOL 405	Evaluating Public Policies and Programs	
PPOL 467	Civic Engagement	
PA 403	Economics for Management and Policy	
US 301	Political Economy of Urban Development	
US 306	Urban Policy Analysis Methods	
US 308	Globalization and Environmental Planning	
CLJ 101	Introduction to Criminology, Law, and Justice	
CLJ 200	Law and Society	
ECON 214	Economics of Education	
ECON 215	Health Economics	
ECON 220	Microeconomics: Theory and Applications	
ECON 328	Public Finance	
ECON 331	Labor Economics	
ECON 332	Urban Economics	
ECON 370	Environmental Economics	
PUBH 100	Health and the Public	
PUBH 110	Public Health and Global Societies	
SOC 105	Social Problems	
Total Hours		**15**

Minor in Research Design and Data Analysis

Requirements for the Minor

For the minor, students must complete 15-17 semester hours (five courses) as outlined below, with at least 6 hours at the 200 level or above. A GPA of 2.50/4.00 is required in courses taken toward the minor.

No more than two courses can double-count toward both the Public Policy major (including selective courses) and PPMA minor(s). Any course counting for one PPMA minor is prohibited to count for another PPMA minor unless the course is a required course for both minors.

Code	Title	Hours
Required Courses		
PPOL 105	Programming and Data Analysis for Public Policy I	3
PPOL 205	Programming and Data Analysis for Public Policy II	3
Selectives		
Select three of the following courses, with at least one course from each of the two categories. Students are encouraged to seek guidance in choosing selectives. Selectives may be taken primarily in one department, or across multiple departments.		9-11
Research Design Category		
CLJ 261	Research Methods I	
DES 222	Human Experience in Design	
DHD 301	Disability, Research, and Interdisciplinary Methods	
ENGL/PA/UPP 453	Freshwater Lab in Practice: Environmental Research, Projects, and Internships	
LALS 301	Research Methods in Latin America and Latino Studies	
Data Analysis Category		
CLJ 262	Research Methods II	
ECON 300	Econometrics	
IDS 270	Business Statistics I	
IDS 400	Programming for Data Science in Business	
PSCH 242	Introduction to Research in Psychology	
PA 402	Introduction to Data Management and Analysis	
PA 434	Intermediate Data Management and Analysis	
POLS 200	Methods of Political Science	
POLS 201	Political Data Analysis	
PPOL 305	Policy Analysis	
PPOL 405	Evaluating Public Policies and Programs	
SOC 280	Data and Society	
UPP 405	Researching the City	
US 250	Analyzing the City	
US 306	Urban Policy Analysis Methods	
Total Hours		**15-17**

Department of Urban Planning and Policy

Contact Information:
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Administration:
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Director of Undergraduate Studies, Brenda Parker, bkparkerz@uic.edu

Bachelor of Arts in Urban Studies

Urban Studies (US) prepares students to enter urban professions and graduate professional education programs with knowledge and understanding of the complexity and diversity of the urban environment and the policy and management processes that affect it. Historically, Americans lived in small towns and rural settings; however, today the vast majority of Americans live within expanding urban regions that are linked to a global network of cities. The Urban Studies program educates students on the complexity and diversity of urban areas; teaches students comprehensive policy and tools for addressing urban problems and creating solutions; and provides students with the opportunity to experience hands-on learning through internships, applied research, access to top scholars and professionals in the field, unique international exchange opportunities, and by fostering leadership development. Graduates of Urban Studies will have mastered skills in:

1. Demonstrating knowledge of complex interrelated forces that shape urban areas.
2. Employing critical analysis to craft and evaluate potential solutions for addressing urban challenges.
3. Demonstrating knowledge of ethics and values related to the production of cities and to professional practice, including knowledge of collaboration, diversity, equity, sustainability, democracy, and environmental and social justice.
4. Using critical analytical skills to assess, produce, analyze, and present data.
5. Demonstrating knowledge of urban and environmental plan making and policy analysis, and implementation.
6. Demonstrating proficiency and effective use of visualization and communication tools.

Urban Studies graduates enter careers in public and nonprofit service, public finance, community development, or other city planning and development activities. Students entering graduate education will be prepared to study in related fields, such as public administration, urban planning, public health, law, public relations, international studies, sociology, political science, public health, or peace and social justice studies.

Admission Requirements

New freshmen or transfer students interested in admission to the Bachelor of Arts in Urban Studies must complete the standard application process to the university and be admitted by the Department of Urban Planning and Policy in the College of Urban Planning and Public Affairs. Admission is competitive, and preference is given to those applicants selected to have the best potential for academic success.

Transfer students who have completed a minimum of 24 semester or 36 quarter hours of transferable college classroom credit by the time of application, and do not meet the definition of an incoming freshman or a readmission applicant may apply to transfer into the program. Applications should include a personal statement of educational goals. See the Admissions (p. 42) section for additional information. See the Office of Admission Transfer Guide for more information about transfer admission requirements.

Grade Point Average

A student must earn a cumulative grade point average of 2.00/4.00 in all work taken at UIC and a cumulative grade point average of 2.50/4.00 in all required courses and selectives for the BA in Urban Studies. In

addition, the combined average of a student's transfer work and work taken at UIC must be at least 2.00.

Minor in Geographic Information Systems

The Minor in Geographic Information Systems (GIS) provides students in many disciplines the opportunity to gain further understanding of basic GIS concepts and mapmaking techniques relevant to all disciplines. The minor is open to students from any college or major who are not on academic notice. Please note that students in the Urban Studies program are eligible to earn the Minor in GIS; however, they cannot apply courses used to fulfill selective requirements for the major towards the minor in GIS. Students may apply credits from courses taken prior to declaring the minor. Students who wish to earn the Minor in GIS shall notify the department in writing on the form posted on the student resources page of the CUPPA website. A GPA of 2.50/4.00 is required in courses taken towards the minor.

Minor in Sustainable Cities

The Minor in Sustainable Cities provides students in many disciplines the opportunity to gain further understanding of the field of urban sustainability while introducing them to concepts and techniques relevant to all disciplines. The minor is open to students from any college or major who are not on academic notice. Students may apply credit hours from courses taken prior to declaring the minor. Students who wish to earn the minor shall notify the department in writing on the form posted on the student resources page of the CUPPA website. A GPA of 2.50/4.00 is required in courses taken towards the minor.

Minor in Urban Studies

The minor in Urban Studies provides students in many disciplines the opportunity to gain further understanding of urban phenomena, the complex interactions between local and global forces, and the needs and opportunities of Chicago and other "Great Cities" historically, in the present, and moving forward. The minor is open to students from any college or major who are not on academic notice. Students may apply credits from courses taken prior to declaring the minor. At least 6 credits of the minor, including one elective, must be at the 200-level or higher. Students who wish to minor in Urban Studies shall notify the department in writing on the form posted on the student resources page of the CUPPA website.

Students in the College of Urban Planning and Policy's undergraduate degree program in Urban Studies are not eligible to earn the Minor in Urban Studies. Some students may be eligible to earn both minors offered by the department (the Minor in GIS and the Minor in Urban Studies). However, students cannot apply the same course(s) to meet the requirements for both minors. Students interested in pursuing both minors will be advised by the department accordingly. A GPA of 2.50/4.00 is required in courses taken towards the minor.

Degree Programs

- BA in Urban Studies (p. 487)
- Joint BA in Urban Studies/Master of Urban Planning and Policy (p. 490)
- Joint BA in Urban Studies/Master of Public Administration (p. 490)
- Joint BA in Urban Studies/Master of Public Policy (p. 490)
- Joint BA in Urban Studies/MS in Civic Analytics (p. 490)

Minors

- Minor in Geographic Information Systems (p. 491)
- Minor in Sustainable Cities (p. 491)
- Minor in Urban Studies (p. 491)

BA in Urban Studies

Program Codes:
20GP5490BA

Degree Requirements

To earn a Bachelor of Arts degree from UIC, students must complete university, college, and department degree requirements. The Department of Urban Planning and Policy degree requirements are outlined below. Students should consult the College of Urban Planning and Public Affairs (p. 475) section for additional degree requirements and college academic policies. Elective courses may have prerequisites.

Code	Title	Hours
Summary of Requirements		
General and Basic Education Requirements		32-34
Required for the Degree		33
Concentration Required for the Degree		12
Free Electives		41-43
Total Hours		**120**

General and Basic Education Requirements

Code	Title	Hours
Required Courses		
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Foreign Language (8 hours or equivalent in a single language)		8
Analyzing the Natural World course [a]		3
Exploring World Cultures course [a]		3
Understanding the Creative Arts course [a]		3
Understanding the Individual and Society course [a]		3
Understanding the Past course [a]		3
One elective course from any General Education Core category [a]		3
UPA 120	Urban and Public Affairs Seminar I [b]	1
UPA 121	Urban and Public Affairs Seminar II [b]	1
Total Hours		**32-34**

a *See the* General Education *(p. 86) section of the catalog for a list of approved courses in this category.*
b *Required for new freshmen only.*

Required for the Degree

Code	Title	Hours
Required Courses		
US 101	Introduction to Urban Studies [a]	3
US 130	Principles of Urban Sustainability [a]	3

US 202	Social Justice and the City [a]	3
US 240	Urban and Community Economics	3
US 250	Analyzing the City	3
US 301	Political Economy of Urban Development	3
US 306	Urban Policy Analysis Methods	3
US 308	Globalization and Environmental Planning	3
UPP 403	Just and Sustainable Planning Practices for Great Cities	3
UPP 405	Researching the City	3
US 495	Senior Capstone Experience in Urban Studies	3
Total Hours		**33**

a *This course is approved for the Understanding U.S. Society General Education category.*

Concentration Required for the Degree

Code	Title	Hours
Required Courses		
Students must complete four courses within one of the concentrations listed below. At least two courses should be at the 200, 300, or 400 level.		12
Total Hours		**12**

Urban Data Analytics

Code	Title	Hours
CS 111	Program Design I	
or CS 113	Program Design I in the Context of Law and Public Policy	
PPOL 105	Programming and Data Analysis for Public Policy I	
PPOL 205	Programming and Data Analysis for Public Policy II	
PPOL 220	Introduction to Civic Technology	
PA 402	Introduction to Data Management and Analysis	
PA 431	Civic Technology	
PA 434	Intermediate Data Management and Analysis	
PA 446	Coding for Civic Data Applications	
US 261	Mapping, Data, and Geographic Information Systems	
US 361	Introduction to Geographic Information Systems I	

Urban Environments and Climate Change

Code	Title	Hours
ANTH 319	Environmental Anthropology	
BIOS 365	Human Ecological Systems	
CME 311	Water Resources Engineering	
CME 421	Water Treatment Design	
EAES 101	Global Environmental Change	
EAES 385	Earth Systems	
EAES 473	Soils and the Environment	
ECON 370	Environmental Economics	
EOHS 411	Water Quality Management	
EOHS 418	Water Quality Analysis in Public Health	
ENGL 253	Environmental Rhetoric	
ENGL/UPP 452	The UIC Freshwater Lab Course	
ENGL/UPP 453	Freshwater Lab in Practice: Environmental Research, Projects, and Internships	
IE 118	Energy for Sustainable Society	
PPOL 240	Environmental Policy	
US 390	Sustainability Internship	
UPP 493	Topics in Urban Planning and Policy	

City Design and Infrastructure

Code	Title	Hours
AH 111	World History of Art and the Built Environment II	
AH 122	History of Chicago Architecture	
ARCH 210	Architecture as Archetype: Explorations of the City and Its Forms	
CME 111	The Art of Structural Form	
CME 112	Evolution of Infrastructure and Society	
CME 440	Cities and Sustainable Infrastructure	
DES 222	Human Experience in Design	
UPP 493	Topics in Urban Planning and Policy	
US 140	Introduction to Urban Transportation	

Healthy Cities and Social Welfare

Code	Title	Hours
ANTH 216	Medicine, Culture, and Society	
BLST 104	Race, Place, and Schooling: Black Americans and Education	
BLST 271	Race and the Politics of Incarceration	
ECON 215	Health Economics	
IPHS 430	Epidemics of Injustice	
PSCH 231	Community Psychology	
PUBH 100	Health and the Public	
PUBH 110	Public Health and Global Societies	
PUBH 120	Public Health and the Study of Disease and Epidemics	
PUBH 320	Public Health Biology	

Diverse and Just Cities

Code	Title	Hours
ANTH 244	Arab and Asian Connections in the U.S. and Globally	
ANTH 262	Constructions of Gender, Race, Health, and Human Rights	
BLST 249	Black Freedom Movements in the U.S.	
DHD 101	Disability in U.S. Society	
DHD 202	Disability, Health, and Society	

DHD 206	Disability, Inclusive Cities, and Environmental Accessibility
DHD 303	Disability Activism: From the Local to the Global
GLAS 300	Global Asia in Chicago
HIST 240	Radicalism in America: From the Revolution to Occupy Wall Street
LALS 103	Introduction to Latino Urban Studies
LALS 233	Latinos in Chicago
UPP 493	Topics in Urban Planning and Policy

Urban Economics

Code	Title	Hours
ECON 311	Introduction to Urban Real Estate	
ECON 332	Urban Economics	
ECON 342	Regional Economics	
ECON 475	Urban Economics and Public Policy	
HIST 255	History of Chicago	
LALS/US 220	Latin American Cities in a Global Context: Environment, Employment, and Housing	
PPOL 300	Urban Policy and Metropolitan Governance	
RES 250	Real Estate Principles	
RES 420	Real Estate Market Analysis	

Community Building and Organizing

Code	Title	Hours
ENGL 389	Writing for Community Advocacy and Activism	
GLAS 250	Critical Issues in Community Engagement	
LALS 425	Urban Field Research in Latino/a Communities	
PA 467	Civic Engagement	
POLS 210	Introduction to Urban Politics	
POLS 211	Chicago's Future	
PPOL 230	Nonprofit Organizations and Civil Society	
PPOL 330	Introduction to Managing Public and Nonprofit Organizations	
PPOL 430	Fundraising and Development for Nonprofit Organizations	
PSCH 331	Laboratory in Community and Prevention Research	
PUBH 360	Local Citizenship and Community Health Initiatives	
ED 100	Introduction to Urban Education	
US 296	Special Topics in Urban Studies	

Urban Studies: Self-Designed

Code	Title	Hours
Students must receive prior approval for self#designed concentration from advisor and DUS. Four courses required, at least 3 must be 200-level and above.		

Electives

Code	Title	Hours
Courses		
Free Electives		41-43
Total Hours		**41-43**

Sample Course Schedule

Course	Title	Hours
Freshman Year		
Fall Semester		
US 101	Introduction to Urban Studies	3
UPA 120	Urban and Public Affairs Seminar I	1
ENGL 160	Academic Writing I: Writing in Academic and Public Contexts	3
Exploring World Cultures course		3
Foreign Language 101		4
	Hours	**14**
Spring Semester		
US 130	Principles of Urban Sustainability	3
UPA 121	Urban and Public Affairs Seminar II	1
ENGL 161	Academic Writing II: Writing for Inquiry and Research	3
Understanding the Individual and Society course		3
Foreign Language 102		4
	Hours	**14**
Sophomore Year		
Fall Semester		
US 202	Social Justice and the City	3
US 240	Urban and Community Economics	3
Understanding the Past course		3
Elective		3
Elective		3
	Hours	**15**
Spring Semester		
US 250	Analyzing the City	3
Analyzing the Natural World course		4
Understanding the Creative Arts course		3
Electives		6
	Hours	**16**
Junior Year		
Fall Semester		
US 301	Political Economy of Urban Development	3
Concentration Course		3
Concentration Course		3
Electives		7
	Hours	**16**
Spring Semester		
US 306	Urban Policy Analysis Methods	3
US 308	Globalization and Environmental Planning	3
Concentration Course		3
Elective		3
Elective		3
	Hours	**15**

Senior Year		
Fall Semester		
UPP 405	Researching the City	3
UPP 403	Just and Sustainable Planning Practices for Great Cities	3
Concentration Course		3
Elective		3
Elective		3
	Hours	**15**
Spring Semester		
US 495	Senior Capstone Experience in Urban Studies	3
Elective		3
Elective		3
Elective		3
Elective		3
	Hours	**15**
	Total Hours	**120**

Joint Degrees with the BA in Urban Studies

Joint BA in Urban Studies/Master of Public Administration

The Joint Bachelor of Arts in Urban Studies (BAUS) and Master of Public Administration (MPA) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Public Administration. Students will earn the BAUS upon completion of their undergraduate degree requirements (p. 487) and the MPA degree upon completion of the Master's program requirements with 14 hours of coursework shared between the two degrees.

The requirements for completion of the combined BAUS/MPA degree are identical to the completion of these two separate degrees; however, there are 14 hours of shared coursework used for both degrees. Completion of 106 hours at the undergraduate level; plus 14 shared hours counting toward both the BAUS and MPA degrees; plus 39 hours of coursework at the graduate level will result in joint BAUS and MPA degrees.

Students may submit their intent to apply to the joint degree program when they enter as first-year or when they transfer into the college. They should meet with their undergraduate advisor to plan their courses accordingly. Students must apply to the program their senior year and be accepted by a DGS#led admissions committee. To be eligible, students are required to have a minimum cumulative GPA of 3.40/4.00 upon application and throughout the remainder of their senior year. After completing their senior year, they must maintain a GPA of at least 3.00 in all graduate coursework.

Joint BA in Urban Studies/Master of Public Policy

The Joint Bachelor of Arts in Urban Studies (BAUS) and Master of Public Policy (MPP) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Public Policy. Students will earn the BAUS upon completion of their undergraduate degree requirements (p. 487) and the MPP degree upon completion of the Master's program requirements with 9 hours of coursework shared between the two degrees.

The requirements for completion of the combined BAUS/MPP degree are identical to the completion of these two separate degrees; however, there are 14 hours of shared coursework used for both degrees. Completion of 106 hours at the undergraduate level; plus 14 shared hours counting toward both the BAUS and MPP degrees; plus 39 hours of coursework at the graduate level will result in joint BAUS and MPP degrees.

Students may submit their intent to apply to the joint degree program when they enter as first-year students or when they transfer into the college. They should meet with their undergraduate advisor to plan their courses accordingly. Students must apply to the program their senior year and be accepted by a DGS#led admissions committee. To be eligible, students are required to have a minimum cumulative GPA of 3.40/4.00 upon application and throughout the remainder of their senior year. After completing their senior year, they must maintain a GPA of at least 3.00 in all graduate coursework.

Joint BA in Urban Studies/Master of Urban Planning and Policy

The Joint Bachelor of Arts in Urban Studies (BAUS) and Master of Urban Planning and Policy (MUPP) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Urban Planning and Policy. Students will earn both a BAUS (p. 487) and a MUPP degree upon completion, with 9 hours of coursework shared between the two degrees.

The requirements for completion of the combined BAUS/MUPP degree are identical to the completion of these two separate degrees; however, there are 9 hours of shared coursework used for both degrees. Completion of 111 hours at the undergraduate level; plus 9 shared hours counting toward both the BAUS and MUPP degrees; plus 51 hours of coursework at the graduate level will result in joint BAUS/MUPP degrees. Students who are admitted to the joint program use up to three 400-level BAUS courses to fulfill 9 hours of MUPP elective requirements. An advisor must approve these courses.

Students may apply to the joint degree program when they enter as first-year students, but must comply with all other requirements for admission to the BAUS program and have an exceptional record; others may apply when they transfer or at any time before their senior year provided that they have a minimum GPA of 3.40. All students must have a minimum GPA of 3.40 upon completion of their BAUS coursework, and must maintain an average GPA of at least 3.00 in all graduate courses. Should students accepted to the joint degree program fall below this average, they will be placed on academic notice for a semester and will remain in the program only if they bring their average back to the required minimum.

Joint BA in Urban Studies/MS in Civic Analytics

The Joint Bachelor of Arts in Urban Studies (BAUS) and Master of Science in Civic Analytics (MSCA) is designed for undergraduates with outstanding academic performance who desire to pursue graduate studies in Civic Analytics. Students will earn the BAUS upon completion of their undergraduate degree requirements and the MSCA degree upon completion of the master's program requirements with 9 hours of coursework shared between the two degrees.

The requirements for completion of the combined BAUS/MSCA degree are identical to the completion of these two separate degrees; however, there are 9 hours of shared coursework used for both degrees. Completion of 111 hours at the undergraduate level; plus 9 shared hours counting toward both the BAUS and MSCA degrees; plus 46 hours of

coursework at the graduate level will result in joint BAUS and MSCA degrees.

Students may apply to start the joint program when they enter as first-year students, but must comply with all other requirements for admission to the BAUS program and have an exceptional record; others may apply when they transfer or at any time before their senior year provided that they have a minimum GPA of 3.40. All students must have a minimum GPA of 3.40 upon completing their undergraduate coursework and beginning their graduate coursework. They must maintain an average GPA of at least 3.00 in all graduate courses. Should students accepted to the joint degree program fall below this average, they will be on academic notice for a semester and will remain in the program only if they bring their average back to the required minimum.

Minor in Geographic Information Systems

Requirements for the Minor

Students must complete 12 semester hours as outlined below. A GPA of 2.50/4.00 is required in courses taken towards the minor.

Code	Title	Hours
Required Courses		
GEOG 100	Concepts in Geography	3
or GEOG/US 208	Mapping the Urban: Cartography and its Alternatives	
US 261	Mapping, Data, and Geographic Information Systems	3
US 361	Introduction to Geographic Information Systems I	3
One of the following:		3
UPP 461	Geographic Information Systems for Planning and Policy [a,b]	
UPP 462	Intermediate GIS for Planning and Policy [a,c]	
Total Hours		**12**

a *UPP 461 and/or UPP 462 should only be taken after US 261 and US 361 have been completed; US 261 is a prerequisite for US 361.*
b *UPP 461 may only be taken with the consent of the instructor.*
c *UPP 462 may only be taken with the consent of the department.*

Minor in Sustainable Cities

Requirements for the Minor

Students must complete 12 semester hours as outlined below. A GPA of 2.50/4.00 is required in courses taken towards the minor.

Code	Title	Hours
Required Courses		
US 130	Principles of Urban Sustainability [a]	3
US 230	Practices for Sustainable Cities [b]	3
Select one of the following:		3
COMM 309	Environmental Communication	
ECON 370	Environmental Economics	
LALS 269	Latin American Environmental Studies	
PPOL 240	Environmental Policy	
PUBH 320	Public Health Biology	
US 202	Social Justice and the City	
US 390	Sustainability Internship	
Select one of the following:		3
CME 440	Cities and Sustainable Infrastructure	
ENGL 430	Topics in Cultural and Media Studies [c]	
UPP 493	Topics in Urban Planning and Policy	
Total Hours		**12**

a *US 130 is a requirement for the BA in Urban Studies. Urban Studies majors can pursue the minor, but they cannot apply US 130 to both the major and the minor. As a result, the course can be replaced with one of the 300-or 400-level courses in the selective lists above.*
b *Urban Studies majors who pursue the minor will take US 230 to fulfill the requirements of the minor, and the course cannot be used as a selective for the major.*
c *The special topics course that can be applied to the minor is Freshwater Lab.*

Minor in Urban Studies

Requirements for the Minor

Students must complete 15 semester hours as outlined below. A GPA of 2.50/4.00 is required in courses taken towards the minor. Courses applied to the Minor in Urban Studies may not apply to the Minor in Sustainable Cities or Minor in Geographic Information Systems.

Code	Title	Hours
Required Courses		
US 101	Introduction to Urban Studies	3
Elective Courses		
Two additional Urban Studies courses at the 100 or 200 level		6
Two Urban Studies or Urban Planning and Policy courses at the 300 or 400 level		6
Total Hours		**15**

Council on Teacher Education

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Overview of Licensure Phases and Processes

The Council on Teacher Education (CTE) is the professional education unit for the University of Illinois Chicago responsible for coordinating Professional Educator Licensure (PEL) programs and maintaining the State of Illinois Licensure requirements. CTE serves programs in the College of Education; the College of Liberal Arts and Sciences; the College of Architecture, Design, and the Arts; the College of Nursing; and the Jane Addams College of Social Work.

- Decisions about licensure are a joint effort of a candidate's program, the Council on Teacher Education (CTE), and the Illinois State Board of Education (ISBE).
- The program coordinator and faculty have the main responsibility for ensuring that candidates are prepared to become licensed teachers and are, thus, entitled to apply for licensure. They approve qualifications before the CTE begins its process of evaluation.
- The CTE's licensure officer entitles an individual to apply for a license at the state level. The CTE checks that candidates have met state requirements, such as passing the required state-level tests and completing the course, assessment, and grade requirements stipulated by the program as addressing state objectives.
- ISBE makes the final decision about whether or not a candidate receives licensure based upon the information it receives from the institution and a candidate's application.

Admission to Candidacy

To be eligible for candidacy, candidates must meet the following criteria:

1. Completed general education coursework; earned a minimum cumulative GPA as specified by the program, including transfer credits; and completed professional education requirements.
2. Completed the minimum number of clock hours of fieldwork specified by the program and as part of the professional education coursework.
3. Completed all other requirements as specified by the program.

Admission to Student Teaching

To be eligible for student teaching, candidates must meet the following criteria:

1. Completed general education coursework; earned a minimum cumulative GPA as specified by the program in all coursework, including transfer credits; completed professional education requirements with a minimum as specified by the program; and completed coursework in their teaching field with a GPA as specified in their program.
2. Completed the minimum number of clock hours of fieldwork specified by the program and as part of the professional education coursework.
3. Attempted the Illinois Content Area Test in the teaching field if student teaching will occur.[a]
4. Submitted a student teaching application before the deadline.
5. Completed the student teacher registration process for the school district where student teaching will occur, typically including a criminal background check and TB test.[a]
6. Met any additional requirements as specified within each program.

Entitlement to Illinois State Licensure

To become licensed, candidates must have done the following:

1. Met all requirements for graduation in their home college.
2. Completed and logged all early field experiences.
3. Passed all assessments, including licensure exams and the Illinois content area test.
4. Successfully completed student teaching.
5. Completed the Safety Education Module.
6. Completed and filed a licensure application and any related endorsement requests with the Council on Teacher Education.
7. Completed and submitted an exit survey.

Illinois Licensure Test Requirements

Before the license is issued, the candidate must pass a series of examinations required by the Illinois State Board of Education. All tests are valid indefinitely.

The Illinois State Board of Education occasionally changes the requirements for licensure. For current information, contact the academic advisor in the major field of study or the Council on Teacher Education.

a *Teacher candidates are responsible for bearing the expense of exams, TB tests, and criminal background checks.*

Undergraduate Education Programs

The University of Illinois Chicago offers educator preparation programs in various content areas and grade ranges. For a list of programs and contact information, please visit the Council on Teacher Education website.

Contact the appropriate department for more information on educator preparation programs.

Undergraduate Course Descriptions

The inventory of courses offered by UIC is constantly changing. The information below lists courses approved in this subject area effective **Fall 2026**. Not all courses will necessarily be offered in a given term. Please consult the Schedule of Classes for information on courses offered for a specific term. The information about a course that is listed in the Schedule of Classes is considered most accurate and applies to the term specified.

In some courses, enrollment is restricted or priority is given to students whose college or curriculum requires that course. Please see the Schedule of Classes for more information.

This listing is for informational purposes only and does not constitute a contract. Every attempt is made to provide the most current and correct information. Courses listed here are subject to change without advance notice. Individual departments or units should be consulted for information regarding frequency of course offerings.

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B

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D

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K

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L

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O

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P

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S

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U

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Academic Skills Program (ASP)

Courses

ASP 021. Workshop for Students Enrolled in MATH 121. 2 hours. A workshop where smaller groups of students work together with the instructor to enhance their problem-solving skills by solving additional problems both similar to, as well as more challenging than, the ones given in MATH 121. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Corequisites: Requires concurrent registration in MATH 121.

ASP 060. Resources and Strategies for College Success. 3 hours. Learn study strategies such as time management, studying for and taking tests, critical reading, and critical thinking. Connect to key campus resources that are designed to help students succeed. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit.

ASP 061. Introduction to Positive Psychology. 1 hour.
Student coaches and mentors will study theory in positive psychology, as it relates to the coaching practice. Topics such as motivation, behavioral change, decision making, and communication will be covered. Course Information: Satisfactory/Unsatisfactory grading only. Field work required. Meets eight weeks of the semester. Course will take place on Part-of-Term B (second part) of the Fall semester. No graduation credit. Prerequisite(s): Students must be pre-approved to register for the course. Students must be working as a coach or mentor in an approved UIC program.

ASP 080. Workshop for Students Enrolled in MATH 180. 2 hours.
A workshop where smaller groups of students work together with the instructor to enhance their problem-solving skills by solving additional problems both similar to, as well as more challenging than, the ones given in MATH 180. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Corequisites: Requires concurrent registration in MATH 180.

ASP 081. Workshop for Students Enrolled in MATH 181. 2 hours.
A workshop where smaller groups of students work together with the instructor to enhance their problem-solving skills by solving additional problems both similar to, as well as more challenging than, the ones given in MATH 181. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Requires concurrent registration in MATH 181.

ASP 084. Research Poster and Presentation Workshop for LARES Students. 3 hours.
Working with a faculty mentor, students conduct research related to the Latino community and present their findings at a pre-selected conference. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Extensive computer use required. Restricted to students in the Latin American Recruitment and Educational Services Program.

ASP 085. Boosting Academic Strategies for Success. 2 hours.
Designed to support students who wish to enhance their academic success in and out the classroom. This intensive support program equips students with critical strategies and tools to maximize their learning experience at UIC. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit.

ASP 090. Critical Strategies for Reading and Writing Success. 2 hours.
Critical reading and thinking strategies for comprehending, writing about, and learning textbook material representing different academic disciplines. Instruction in writing summaries and syntheses of readings included. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit.

ASP 092. Vocabulary Enrichment. 2 hours.
Strategies for increasing the number of words students understand in their reading/ listening and use in their speaking/writing. Techniques for learning unfamiliar technical terms in textbooks. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Meets 8 weeks of the semester.

ASP 095. Academic and Professional Writing. 2 hours.
Academic and professional writing principles and their application are introduced and practiced. Practice in writing resumes, business and professional correspondence, reports, and theses. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit.

ASP 096. Independent Study. 0-3 hours.
For those who wish to supplement regular courses or undertake individual study projects. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Prerequisite(s): Approval of the department.

Accounting (ACTG)

Courses

ACTG 210. Introduction to Financial Accounting. 3 hours.
Concepts and standards underlying the preparation and analysis of external reports; alternative effects and role of accounting in the business environment and capital markets. Course Information: Previously listed as ACTG 110. Extensive computer use required. *IAI Major BUS course*.

ACTG 211. Introduction to Managerial Accounting. 3 hours.
Management planning and control; cost concepts and measurement; cost accounting systems; analysis of cost and volume-profit relationships; standard costs and variances; and budget preparation. Course Information: Previously listed as ACTG 111. Extensive computer use required. Prerequisite(s): ACTG 210. Accounting majors need a grade of C or better in ACTG 210. *IAI Major BUS course*.

ACTG 315. Intermediate Financial Accounting I. 3 hours.
Theory and standards related to asset valuation, revenue recognition, gain and loss recognition, and their impact on income measurement and financial position. Course Information: For satisfactory progress in the Accounting major, students must receive a C or better in ACTG 315 and may be repeated only once. Transfer credit may be accepted from an AACSB accredited institution on a case-by-case basis. Prerequisite(s): Average grade of B or higher in ACTG 210 and ACTG 211.

ACTG 316. Intermediate Financial Accounting II. 3 hours.
Selected topics in accounting and financial reporting including: cash flow statements, income taxes, long-term debt and leases, investments, derivative securities, and contingencies and employee retirement benefits and stockholders' equity. Course Information: Prerequisite(s): Grade of C in ACTG 315.

ACTG 326. Cost Accounting. 3 hours.
Design of cost accounting systems; alternate costing methods; costing for decision making; budgeting and performance evaluation. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in ACTG 210 and grade of C or better in ACTG 211.

ACTG 355. Business Law I: Commercial Transactions. 3 hours.
Commercial transactions including: contracts, sales of goods, negotiable instruments, and secured transactions. Course Information: Prerequisite(s): A passing grade in ACTG 211 or the equivalent.

ACTG 392. Data Analytics for Accountants. 3 hours.
Provides students with experience in accounting data analytics thinking, key terminology, and hands on experience with analytics tools and techniques. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in ACTG 210 and Grade of C or better in ACTG 211 and IDS 270.

ACTG 394. Special Topics in Accounting - Undergraduate. 3 hours.
Investigates selected contemporary accounting topics using readings in both academic and professional journals as well as cases for analysis. Course Information: Prerequisite(s): A passing grade in both ACTG 316 and ACTG 326.

ACTG 396. Independent Study in Accounting - Undergraduate. 1-3 hours.
Independent study in approved topics; written report prepared under the guidance of a faculty member is required. Course Information: Prerequisite(s): Grade of C or better in ACTG 316; and Grade of C or better in ACTG 326; and declaration of a major and submission of form of approval to the department head one week before the beginning of the semester.

ACTG 417. Advanced Financial Accounting. 3 or 4 hours.
Financial accounting theory for business combinations, consolidated financial statements, international transactions and investments, and partnership accounting. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of D or better in ACTG 316.

ACTG 435. Auditing. 3 or 4 hours.
Introduction to the audit function; ethical and legal environment; audit standards; objectives and procedures; materiality and audit risk; sampling; auditing in a computer environment; reporting. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in ACTG 315.

ACTG 436. Advanced Audit. 3 or 4 hours.
Builds on the skills obtained in the introduction to auditing course and will focus on strengthening students' understanding of fundamental aspects of an audit of financial statements and internal controls over financial reporting. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): ACTG 435.

ACTG 437. Fraud and Forensic Accounting. 3 or 4 hours.
Outlines the concepts and skills necessary for examining financial fraud. Content includes fraud schemes, detection of fraud, prevention of fraud, ethics, forensic software tools, auditing techniques, and law and regulations governing fraud cases. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): ACTG 315 or the equivalent and ACTG 474 or the equivalent.

ACTG 444. Federal Income Tax for Financial Planning. 3 hours.
Concepts and provisions of federal income taxation applicable to individual taxpayers, partnerships, individuals and trusts as it relates to certified financial planning careers. Course Information: Credit is not given for ACTG 444 if the student has credit in ACTG 445. Extensive computer use required. Prerequisite(s): Grade of C or better in ACTG 210.

ACTG 445. Federal Income Tax I. 3 or 4 hours.
Concepts and provisions of federal income taxation as applicable to individual taxpayers, partnerships, individuals and trusts. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for ACTG 445 if the student has credit for ACTG 508. Extensive computer use required. Prerequisite(s): Grade of C or better in ACTG 315.

ACTG 446. Federal Income Tax II. 3 or 4 hours.
Concepts and provisions of federal income taxation on corporations and partnerships; special problems in reorganization, liquidations, and personal holding companies. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): A passing grade in ACTG 445 or the equivalent.

ACTG 447. Tax Research. 3 or 4 hours.
Provides students with experience in conducting tax research for hypothetical fact patterns similar to those their future clients will face. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): ACTG 445; and credit or concurrent registration in ACTG 446.

ACTG 456. Business Law II: Business Organizations. 3 or 4 hours.
Business organizaions, including: agency, general partnerships, limited partnerships, corporations, limited liability companies, securities regulations, bankruptcy, suretyship, bailments, real property, wills and trusts, accounting liability. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): A passing grade in ACTG 355 or the equivalent.

ACTG 457. Foundations for Sustainable Business. 3 or 4 hours.
Introduction to sustainable business foundations: setting sustainability goals and key performance indicators, governance, stakeholder engagement and communication, strategic operations, technology integration, financial accountability, and reporting. Course Information: Same as IDS 457 and MGMT 457. Prerequisite(s): ENGL 161.

ACTG 465. Governmental and Non-Profit Accounting. 3 or 4 hours.
Financial transaction analysis and recording system; budget preparation and control; concepts and principles underlying the financial reports of governmental and non-profit organizations. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): A passing grade in ACTG 316.

ACTG 470. Ethical Environment of Business. 3 or 4 hours.
An examination of the decision making process on both the individual and organizational levels. The effect of moral, legal, and economic factors on the decision making process. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): A passing grade in ACTG 211.

ACTG 474. Accounting Information Systems. 3 or 4 hours.
Skills and concepts that enable the documentation, design and use of accounting information systems, understanding transaction cycles, sound internal controls, accounting software and the electronic business environment. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in ACTG 210 and Grade of C or better in ACTG 211; and IDS 200.

ACTG 475. Database Accounting Systems. 3 or 4 hours.
Concepts and principles of designing database systems to perform accounting functions, applications of microcomputer accounting software packages systems design tools, and computerized transaction cycles. Course Information: Same as IDS 475. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): A passing grade in both ACTG 211 and IDS 200.

ACTG 476. Enterprise Accounting Systems. 3 or 4 hours.
Uses ERP software and analytics to teach transaction processing, internal controls, dashboard design, analytical tools and visual presentation of accounting data used to manage large organizations. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): ACTG 475 or equivalent database experience. Recommended Background: Good Excel skills are very helpful; IDS 331 would be an excellent background course.

ACTG 484. International Accounting. 3 or 4 hours.
Financial accounting for international operations, multinational managerial accounting and control, comparative international accounting, international reporting issues and international taxation. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of D or better in ACTG 316.

ACTG 485. Valuation and Analysis. 3 or 4 hours.
Financial analysis and valuation of firms. Corporate strategies, financial reporting issues and market perceptions. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): ACTG 315 and FIN 300 for undergraduate students. One accounting and one finance class or consent of the instructor for graduate students.

ACTG 492. Advanced Data Analytics for Accountants. 3 or 4 hours.
Accounting professionals look at huge financial and transactional data available from multitude of corporate and external sources. Businesses can use information and analytics tools to improve their performance metrics and generate valuable insights. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): ACTG 315 and ACTG 392; or ACTG 500. Recommended background: Grade of C or better in ACTG 435 and Grade of C or better in ACTG 474.

ACTG 493. Accounting Cases, Research and Analysis. 3 or 4 hours.
Examines US GAAP, alternatives, SEC filings and company financial statements, through cases and research projects using various research methodologies. Satisfies research requirements for CPA candidacy. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): A passing grade in ACTG 316.

ACTG 494. Special Topics in Accounting. 1-4 hours.
Topics rotate in various areas of accounting, including but not restricted to financial, managerial, governmental and nonprofit accounting, law and business ethics. Explores current issues and proposed alternatives. Course Information: Prerequisite(s): Two courses in accounting or finance beyond ACTG 211 and FIN 300 or the equivalent.

ACTG 495. Competitive Strategy. 4 hours.
Multidisciplinary analysis of organization strategy and policy, using case method and/or business simulation. Assignments involve extensive library research and oral and written reports. Course Information: Credit is not given for ACTG 495 if the student has credit in IDS 495 or MGMT 495 or FIN 495. Prerequisite(s): Senior standing in the College of Business Administration and completion of all other core courses; or consent of the instructor.

ACTG 499. Research Experience. 1-3 hours.
Research experience under the supervision of a faculty member. The faculty member and student will determine the research project. Each student must submit a report and each student must participate at a research event on campus. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Approval of the Department.

Anatomy and Cell Biology (ANAT)

Courses

ANAT 315. Anatomy I. 4 hours.
Structural and functional anatomy of the human head, neck and orofacial complex . Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANAT 316. Anatomy II. 1 hour.
Introduction to the structural and functional systems biology of the human body. Course Information: Prerequisite(s): ANAT 315.

ANAT 399. Undergraduate Laboratory Research. 1-4 hours.
Laboratory research for advanced undergraduates. Course Information: Animals used in instruction. Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Junior standing or above and consent of the instructor.

ANAT 403. Human Neuroanatomy. 3 hours.
Morphological organization of the nervous system. Functional correlations of neural structures. Course Information: Same as NEUS 403. Meets eight weeks of the semester. Prerequisite(s): Graduate standing and consent of the instructor. Must be in a degree program. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ANAT 414. Neuroanatomy for Allied Health Program. 3 hours.
Basic Development and gross features of the central nervous system and systems neuroanatomy; motor, sensory and integrative functional areas. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ANAT 439. Gross Human Anatomy I. 3 hours.
Gross structure of the adult human thorax, abdomen, pelvis and perineum, emphasizing spatial relationships and functional/clinical relevance. Includes embryology and radiology topics. Course Information: Limited to six (6) students. Prerequisite(s): Graduate standing in a degree-granting program only and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANAT 440. Gross Human Anatomy II. 4 hours.
Gross structure of the adult human head & neck/deep back and limbs, emphasizing spatial relationships and functional/clinical relevance. Includes embryology and radiology topics. Course Information: Limited to six (6) students. Prerequisite(s): Graduate standing in a degree-granting program only and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANAT 441. Gross Human Anatomy. 5 hours.
Functional and structural anatomy of the body. Course Information: For allied health students. Prerequisite(s): Graduate standing and consent of the instructor; or enrollment in the Doctor of Physical Therapy program or M.S. in Biomedical Visualization program. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ANAT 442. Cell Structure and Human Histology. 5 hours.
Structure and function of cells and fundamental tissues. Function and microscopic anatomy of organs. Course Information: Prerequisite(s): Graduate standing and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANAT 443. Case Studies in Clinical Anatomy. 3 hours.
Clinical approach to human anatomy by examining a series of case studies. An introduction to clinical medicine using problem based learning to integrate anatomical knowledge with clinical signs and patient symptoms. Course Information: Prerequisite(s): ANAT 441.

Anthropology (ANTH)

Courses

ANTH 100. The Human Adventure. 3 hours.
A survey of approaches to the study of the origins and the cultural and biological development of humankind. Course Information: No credit given towards the major in Anthropology. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Soc/Behav Sci course, and UIC GE Past course, and UIC GE World Cultures course*.

ANTH 101. World Cultures: Introduction to Social Anthropology. 3 hours.
Concepts and methods in the study of world cultures from a comparative anthropological perspective, emphasizing selected non-U.S. societies, cultures, and ethnographic regions. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course, and UIC GE World Cultures course*.

ANTH 102. Introduction to Archaeology. 4 hours.
This course surveys world prehistory and introduces students to the theories and methods archaeologists use to understand the past. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture. *IAI GECC Soc/Behav Sci course, and UIC GE Natural World Lab course, and UIC GE Past course*.

ANTH 105. Human Evolution. 4 hours.
Human evolution and variability; methods of assessing fossil evidence for evolutionary change; principles of biological adaptation. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture. *IAI GECC Soc/Behav Sci course, and UIC GE Natural World Lab course, and UIC GE Past course*.

ANTH 200. Anthropological Theory. 3 hours.
Theoretical approaches to the study of culture and society in anthropology. Course Information: Prerequisite(s): ANTH 101 or consent of the instructor.

ANTH 201. Asian Markets, Corporations, and Social Justice. 3 hours.
A critical analysis of multinational corporations as social institutions and their commodification and representation of Asian and Asian American cultures and economies. Includes topics like KPop, fair trade, sweatshops, and the beauty industry. Course Information: Same as GLAS 201. Prerequisite(s): GLAS 100; or consent of the instructor. *UIC GE World Cultures course*.

ANTH 207. Asian Cities: Urban Cultures of the Global South. 3 hours.
The dynamics of urbanization in a number of Asian cities, including Mumbai, Shanghai, Singapore and Dubai, that have emerged as important nodes in the global economy, and that exemplify contemporary urban culture as it manifests cross-culturally. Course Information: Same as GLAS 207. Prerequisite(s): ANTH 101; or consent of the instructor. *UIC GE World Cultures course*.

ANTH 208. Virtual Lives: Science, Technology, and Culture. 3 hours.
An anthropological perspective on science and technology. The role of science and technology on the social and cultural worlds in which we live. Course Information: Prerequisite(s): ENGL 161. Class Schedule: To be properly registered, students must be enrolled in one Lecture and one Discussion. *UIC GE World Cultures course*.

ANTH 215. Anthropology of Religion. 3 hours.
Exploration of varieties of religious experience, including magic and witchcraft, with emphasis on non-Western religions and the role of religious institutions in social integration. Course Information: Same as RELS 215. Prerequisite(s): ENGL 161. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

ANTH 216. Medicine, Culture, and Society. 3 hours.
Medical anthropology explores illness and health as both embodied and socially constructed. It maintains that illness reflects cultural understandings of the body, social/structural inequalities, and differential distributions of power. Course Information: Recommended for pre-health students who plan to work in multi-cultural settings. Prerequisite(s): Completion of the English Composition requirement; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

ANTH 217. Special Topics in Sociocultural Anthropology. 3 hours.
Focuses on new and innovative topical and theoretical approaches in Anthropology or new research topics of interest in socio-cultural anthropology. Course Information: May be repeated. Students may register for more than one section per term. Prerequisite(s): ANTH 101; or consent of the instructor.

ANTH 218. Anthropology of Children and Childhood. 3 hours.
Examines childhood, a uniquely human life stage, both across cultures and from a biosocial perspective that includes both physical and social development. Course Information: Prerequisite(s): ANTH 101 and ANTH 105; or consent of the instructor. *UIC GE Individual and Society course*.

ANTH 219. Anthropology of Globalization. 3 hours.
Explores capitalism as a culture, its origins, and the problems of consumer culture in the U.S. and the world. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE World Cultures course*.

ANTH 220. Method and Theory in Archaeology. 3 hours.
Introduction to techniques and methods in archaeology, archaeological reasoning, research design, and methods of analysis. Archaeological methods for the analysis of prehistoric technology, economy, social and political organization. Course Information: Prerequisite(s): ANTH 102 or consent of the instructor.

ANTH 223. Southwestern Archaeology. 3 hours.
Introduction to the archaeology of ancient Native American cultures of the North American Southwest, emphasizing processes of culture change from earliest times until European contact, with focus on current debates and relevant methods and theories. Course Information: Same as LALS 223. Prerequisite(s): Credit or concurrent registration in ANTH 102; or consent of the instructor.

ANTH 224. Archaeology of Mainland Southeast Asia. 3 hours.
Introduction to the archaeology of mainland Southeast Asia, ranging from the appearance of early peoples to the rise of states such as the Angkorian Khmer Empire. Course Information: Same as GLAS 224. Prerequisite(s): ANTH 101 or ANTH 102; or consent of the instructor.

ANTH 226. Archaeology of North America. 3 hours.
Introduction to the prehistoric cultures of North America from earliest times until the arrival of Europeans. Course Information: Same as LALS 257. Prerequisite(s): ANTH 102 or consent of the instructor.

ANTH 227. Ancient Civilizations of Mexico and Central America. 3 hours.
Analysis and interpretation of the archaeological evidence on the process of development of native civilization in the Meso-American area from the beginnings of agricultural settlement to the eve of the Spanish conquest. Course Information: Same as GEOG 207 and LALS 258. Prerequisite(s): ANTH 102; or sophomore standing or above; or consent of the instructor.

ANTH 229. Special Topics in Archaeology. 3 hours.
Covers special topics in archaeology. Course Information: May be repeated. Students may register for more than one section per term. Prerequisite(s): ANTH 102; or consent of the instructor.

ANTH 231. Becoming Human: The Fossil Record. 4 hours.
The fossil record as it applies to different interpretations of human evolution; principles of evolutionary biology; survey of the biology and behavior of living primates. Course Information: Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ANTH 233. Forensic Anthropology. 4 hours.
Addresses the role of anthropologists in criminal cases involving human skeletal remains, including biological variation, personal identification, cause of death, humanitarian efforts, and ethics. Course Information: Credit is not given for ANTH 233 if the student has credit for the comparable ANTH 239 topics section Forensic Anthropology. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ANTH 234. Modern Human Variation and Adaptation. 4 hours.
A broad overview of genetic variation and biosocial adaptation in contemporary human groups. Course Information: Prerequisite(s): ANTH 105. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANTH 237. The Human Skeleton. 4 hours.
Examination of the human skeleton, emphasizing bone identification and functional anatomy. Course Information: Same as BIOS 237. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

ANTH 238. Biology of Women. 3 hours.
An evolutionary perspective on the biology of women from conception to menopause, in light of current research on genetics, hormones, and development. Topics include sexual differentiation, sex differences, and life history. Course Information: Same as GWS 238. Prerequisite(s): Grade of C or better in ANTH 105; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE Natural World No Lab course*.

ANTH 239. Special Topics in Biological Anthropology. 3 hours.
Special topics in Biological Anthropology. Course Information: May be repeated. Students may register for more than one section per term. Prerequisite(s): ANTH 105; or consent of the instructor.

ANTH 242. Introduction to Arab American Studies. 3 hours.
Addresses key themes in Arab American Studies: immigration and racism; family, gender, and sexuality; socio-economic class; religious affiliation; arts and cultures; and politics and political activism. Course Information: Same as GLAS 242 and GWS 242. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE US Society course, and UIC GE World Cultures course*.

ANTH 243. The Archaeology of Buddhism. 3 hours.
The development, spread, integration, and decline of Buddhism in many parts of Asia. The study of material culture as a way of reconstructing and understanding the religious past. Course Information: Same as RELS 243. Prerequisite(s): ENGL 161.

ANTH 244. Arab and Asian Connections in the U.S. and Globally. 3 hours.
A comparative study of contemporary Arab and Asian communities in the US and around the globe that examines issues of militarism/war; immigration/displacement; racism; and social justice activism. Course Information: Same as GLAS 244. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE US Society course, and UIC GE World Cultures course*.

ANTH 245. Anthropology of the Middle East. 3 hours.
Introduces students to social science approaches to the histories, politics, cultures, and contemporary issues of the Middle East using theories and methods drawn from cultural anthropology, human geography, history, and related disciplines. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor.

ANTH 246. Politics of Immigration Enforcement. 3 hours.
How immigrants in the United States have been constructed as a "problem" and ways that authorities have consequently sought to govern them. Topics include nativism, illegalization, criminalization, border policing, detention, deportation, and rights. Course Information: Same as LALS 234.

ANTH 248. Afro Asian Solidarities. 3 hours.
An exploration of the radical possibilities of transnational alliances and the long history of cross-racial solidarities between Asia and Africa, Asians and Africans, both globally and in the U.S. Course Information: Same as GLAS 248 and GWS 248. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE US Society course, and UIC GE World Cultures course*.

ANTH 255. Introduction to Middle East and Muslim Feminisms. 3 hours.
An introduction to Middle East and Muslim feminisms that draws on the social sciences. Emphasizes intersections of family, religion, nation, colonialism, militarism, gender, and sexuality. Course Information: Same as GLAS 255 and GWS 255. Prerequisite(s): Completion of the English Composition requirement. *UIC GE World Cultures course*.

ANTH 262. Constructions of Gender, Race, Health, and Human Rights. 3 hours.
Explores issues at the intersections of gender, race, and sexuality through the lens of health in both U.S. and non-U.S. contexts. Course Information: Same as GWS 262. Prerequisite(s): GWS 101 or GWS 102; and sophomore standing or above; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

ANTH 274. Cultures of Global Vietnam. 3 hours.
Vietnamese American histories, culture, politics, and creative arts in comparative, relational, and transnational perspectives. Emphasis on artists, activists, and scholars living in Vietnam and in the diaspora. Course Information: Same as GLAS 274 and HIST 274. Prerequisite(s): Grade of C or better in GLAS 100. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

ANTH 276. Pacific Island Cultures. 3 hours.
Polynesian, Micronesian, and Melanesian island societies; their ecosystems and cultures, emphasizing their unity and diversity. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor.

ANTH 277. Ethnography of Meso-America. 3 hours.
Survey of the contemporary indigenous cultures of Meso-America, studied against their pre-conquest history and in their development since the Spanish Conquest. Course Information: Same as LALS 270. Prerequisite(s): ENGL 161. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

ANTH 279. South Asian Cultures and Societies. 3 hours.
Survey of the people and cultures of South Asian Cultures; emphasis on social structure, religion, and recent cultural changes. Course Information: Same as GLAS 279. Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

ANTH 309. Writing Culture. 3 hours.
A survey of genres of anthropological reporting with a critical examination of the process by which observations are transformed into written form as well as continued development of composition skills. Course Information: Prerequisite(s): ANTH 101 and completion of the English composition requirement (or its equivalent); or consent of the instructor.

ANTH 310. An Introduction to the Anthropology of the Body. 3 hours.
Theoretical and methodological approaches to the body as the interface between nature and culture. It considers how culture is embodied, how the body is encultured, and how cultures of perception vary through time and space.

ANTH 311. The Anthropology of Consumption. 3 hours.
The nature, experience, and cultural politics of consumption from historical and cross cultural perspectives paying particular attention to the emergence of consumption as a crucial domain within the culture of capitalism.

ANTH 314. Anthropology of Food. 3 hours.
The culture and politics of food in cross-cultural perspective with an emphasis on holism (the political, social, and environmental vectors of food systems), identity, and social movements. Course Information: Prerequisite(s): ANTH 101.

ANTH 319. Environmental Anthropology. 3 hours.
Analysis of the environment in relation to human technology and global connection divided into three general topics: transformation of the environment, commodification of nature, and politics of the environment. Course Information: Prerequisite(s): ANTH 101; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

ANTH 320. Topics in Archaeology. 3 hours.
Readings, study and discussion of selected problems in archaeology. Topics will vary. Course Information: Prerequisite(s): ANTH 102 and successful completion of one archaeology class at the 200 level.

ANTH 328. Child Migration Across the Americas. 3 hours.
Examines why and how migrant children have played a central role in the past and present migratory dynamics of the Americas. Course Information: Same as LALS 328.

ANTH 332. Performance Ethnography. 3 hours.
Students engage performance as a subject and method of study as they investigate the methods and ethics of conducting ethnographic research and creating performance in order to explore how people express, negotiate, and create identity and meaning. Course Information: Same as THTR 332. Field work required. Recommended background: Considerable interest in performance and/or ethnography is important; but no formal performance or ethnography training is required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ANTH 333. Undocumented Social Movements. 3 hours.
Undocumented coalitions, visibility, and refusal. Poetry, films, artivism, movement journalism, and secondary readings. Visibility, claiming and redefining citizenship, and building power alongside other racialized communities. Course Information: Same as ANTH LALS 333.

ANTH 335. Topics in Biological Anthropology. 3 hours.
Theoretical and substantive issues in the study of both human and non-human primates as well as hominids, as represented in current journals and topical volumes. Course Information: May be repeated to a maximum of 9 hours. Students may register in more than one section per term. Prerequisite(s): ANTH 105 and one 200-level course in biological anthropology.

ANTH 386. Elements of Spatial Analysis. 3 hours.
Implications of geographic concerns for data gathering and analysis. Spatial sampling and weighting of areal data. Reconciling record and zone inconsistencies when merging data from several sources. Course Information: Same as GEOG 386. Prerequisite(s): Consent of the instructor.

ANTH 390. Honors Research. 3 hours.
Individual study or research projects for students seeking departmental distinction. Course Information: May be repeated to a maximum of 6 hours. Successful completion necessary for "Departmental Distinction" with final paper submitted to three-member honors committee for approval. Prerequisite(s): Junior standing or above, approval of the department, a 3.00 University grade point average, and a 3.50 grade point average in anthropology. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and major.

ANTH 394. Topics in Sociocultural Anthropology. 3 hours.
Reading, study and discussion of selected problems in sociocultural anthropology. Course Information: May be repeated to a maximum of 9 hours. Students may register in more than one section per term. Prerequisite(s): ANTH 101 or consent of the instructor.

ANTH 411. Urban Cultural Problems. 3 or 4 hours.
A study of the processes of urbanization and of cultural and social adjustments to the city; illustrated by case studies. Course Information: 3 undergraduate hours. 4 graduate hours.

ANTH 418. Ethnographic and Qualitative Research Methods. 3 or 4 hours.
Practical introduction to the techniques of social scientists for research in natural social settings: participant observation/non-participant observation, interviewing, use of documentary sources, etc. Course Information: Same as GEOG 418. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above.

ANTH 420. Seminar in Archaeology and Ethnography. 3 or 4 hours.
Case studies of investigations in archeology using research monographs and other primary sources. Substantive data and related theoretical problems are examined simultaneously. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 15 hours. Prerequisite(s): Junior standing or consent of the instructor.

ANTH 423. Andean Prehistory. 3 or 4 hours.
An overview of the cultural evolution of the Andean region from the arrival of the first inhabitants to the development of the Inca empire. Course Information: Same as LALS 423. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ANTH 269; or consent of the instructor.

ANTH 424. Violence. 3 or 4 hours.
Survey of violence theory and research. Examination of types, causes and consequences of violence historically and in the present. Exploration of acts of resistance to violence. Course Information: Same as CLJ 423. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

ANTH 425. Field Techniques in Archaeology. 4 hours.
Exposure to field methods in archaeology through participation in an actual research project. Students are instructed in field excavation techniques. Usually offered in summer session. Course Information: Same as GEOG 425. May be repeated to a maximum of 8 hours. Prerequisite(s): ANTH 102 or consent of the instructor. Recommended: Concurrent registration in ANTH 426 or GEOG 426. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Practice.

ANTH 426. Laboratory Techniques in Archaeology. 4 hours.
Exposes students to laboratory methods in archaeology through the analysis of excavated materials. Students are instructed in laboratory techniques. Course Information: Same as GEOG 426. May be repeated to a maximum of 8 hours. Prerequisite(s): ANTH 102 or consent of the instructor. Recommended: Concurrent registration in ANTH 425 or GEOG 425. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ANTH 429. Archaeological Methods. 3 or 4 hours.
This course will familiarize students with various methodologies used by archaeologists and geo-archaeologists. Course will concentrate on a different method each time it is taught. Course Information: Same as GEOG 429. 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s). Students may register for more than one section per term.

ANTH 432. Mortuary Archaeology. 3 or 4 hours.
Provides a cross-cultural survey of mortuary customs, an overview of general theoretical approaches and a critical analysis in the study of mortuary customs and human remains in archaeological contexts. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): Undergraduates only: Grade of C or better in ANTH 237. Recommended background: Undergraduates only: 200-level courses in archaeology and cultural anthropology.

ANTH 433. Ancient Diseases. 3 or 4 hours.
A multidisciplinary approach to the study of diseases in the past, integrating biological anthropology, archaeology, history, and biology. Topics include infectious diseases, medical treatments, and reproductive health. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Completion of the English Composition requirement; and junior standing or above; or consent of the instructor. Recommended background: ANTH 233 or Credit or concurrent registration in ANTH 237 or BIOS 237.

ANTH 435. Global Migrations Across the Americas. 3 or 4 hours.
Processes of migrant mobilities and control in the Americas. Structural causes, social groups, and role of global inequality. Case studies in the US and Latin America regarding the securitization of migration and growth patterns in migrant mobility. Course Information: Same as LALS 437. 3 undergraduate hours. 4 graduate hours.

ANTH 436. The Indian Ocean World: Contact, Commerce, Culture. 3 or 4 hours.
The movement of people, goods, religious movements and ideas, throughout the Indian Ocean region from earliest times to the colonial era. Course Information: Same as HIST 436 and GLAS 437. 3 undergraduate hours. 4 graduate hours.

ANTH 437. Bioarchaeology. 5 hours.
Provides an overview of mortuary theory and the bioarchaeological methods used to study health and disease, diet, activity patterns, kinship and cultural practices in archaeological populations. Course Information: Prerequisite(s): Grade of B or better in ANTH 237; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANTH 453. Seminar in Cultural Ecology. 3 or 4 hours.
Cultural ecology and cultural evolution, emphasizing peasant farming and other subsistence systems. Soil management under shifting and sedentary agriculture. Course Information: Same as GEOG 453. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ANTH 101 or GEOG 151 or consent of the instructor.

ANTH 461. Museum Collecting: Documentation, Registration, and Curation. 4 hours.
Introduction to the collection of anthropological objects for museum curation. Ethics of collecting, standards for documentation, legal aspects of collecting, ethnographic interviewing, registration of objects and archives, curation and housing. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Lab-Discusssion.

ANTH 462. Museum Exhibit Research and Design. 4 hours.
Introduction to anthropological museum exhibitions. Issues of representation and cultural politics, museums¿ roles in the communities they serve, developing a story around objects, and the technical aspects of exhibit design.

ANTH 466. Material Worlds: Topics in Material Culture Studies. 3 or 4 hours.
Examines current theories of material culture, drawn from art history, archaeology and anthropology to reflect on technologies of production and social life of things. Case studies will be drawn from ancient, medieval and modern historical context. Course Information: Same as AH 466 and CL 466. 3 undergraduate hours. 4 graduate hours.

ANTH 473. Anthropology of Social Movements. 3 or 4 hours.
Examines the causes of social change from the perspective of sociocultural anthropology. An ethnographic approach to political life, how communities describe and enact their experiences as individuals and citizens. Course Information: 3 undergraduate hours; 4 graduate hours.

ANTH 476. Rise and Fall of the Inca Empire. 3 hours.
Using an integration of ethnographic, historical, and archaeological information, this course is designed to provide a thorough introduction to the study of the Incas. Course Information: Prerequisite(s): Sophomore standing or above.

ANTH 477. Remote Sensing of the Environment. 4 hours.
Principles and practices of processing and interpretation of remotely sensed imagery including aerial photographs, radar and multispectral satellite images. Hands-on use of image-processing software. Course Information: Same as GEOG 477. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANTH 478. Paleoindians and Peopling of the Americas: From Alaska to Tierra del Fuego. 3 or 4 hours.
Summarizes current knowledge of the first migration of humans to the New World, analyzes its significance, and evaluates the controversies. Course Information: 3 undergraduate hours. 4 graduate hours.

ANTH 479. Culture and Colonialism in South Asia. 3 or 4 hours.
Examines the emergence of colonial cultures of domination and resistance on the Indian subcontinent from the eighteenth century to 1947. Course Information: Same as GLAS 479 and HIST 479. 3 undergraduate hours. 4 graduate hours.

ANTH 480. Sociolinguistics. 3 or 4 hours.
Variations in language that correlate with variation in societies and smaller social groups; interactions of languages and societies. Course Information: Same as LING 480. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): LING 405; and junior standing or above; or consent of the instructor.

ANTH 481. Geographic Information Systems I. 4 hours.
Components and performance properties of geographic information systems. Geographic hierarchies and data structures. Problems and solutions in handling large geographic files. Geocoding. Course Information: Same as GEOG 481. Prerequisite(s): GEOG 100 and one from GEOG 278, GEOG 386, IDS 100; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ANTH 482. Geographic Information Systems II. 4 hours.
Application of raster (or grid) based geographic information systems to the spatial analysis of landscapes. Course Information: Same as GEOG 482. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ANTH 483. Geographic Information Systems III. 4 hours.
Problems encountered in the analysis and portrayal of geographic data. Topics include taxonomy, regionalization, trend surface analysis, time series, markov probabilities, and computer cartographic procedures for displaying output from analytic procedures. Course Information: Same as GEOG 483. Prerequisite(s): GEOG 482 or ANTH 482 or consent of the instructor.

ANTH 490. Independent Study. 1-6 hours.
Independent reading under the supervision of a faculty member. Course Information: May be repeated to a maximum of 8 hours with approval. Students may register in more than one section per term. Prerequisite(s): Junior standing and consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

ANTH 494. Special Topics in Anthropology. 3 or 4 hours.
Reading, study, and discussion of selected problems for graduate students and majors in anthropology. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Junior standing or approval of the department.

ANTH 496. Internship. 1-4 hours.
Professional field experience with an agency or organization in the private or public sector on projects related to the student's area of specialization. Course Information: Same as GEOG 496. May be repeated to a maximum of 8 hours. Only 4 hours of credit may be applied toward the Minor in Geography. Prerequisite(s): Declared major in anthropology, minor in geography or full graduate standing in anthropology or geography and consent of the faculty advisor, head of the department, or the director of internship programs. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Applied Health Sciences (AHS)

Courses

AHS 100. Applied Health Sciences Seminar I. 1 hour.
Introduces students to resources at UIC. Emphasizes academic skill building, professional development, major/career exploration, health and wellness, social justice, diversity and inclusion and community engagement. Course Information: Satisfactory/Unsatisfactory grading only. Course meets for full 16 weeks of the semester.

AHS 101. Rehabilitation Sciences Student Success Seminar. 1 hour.
This introductory seminar is designed to provide participants the opportunity to explore, practice, and reflect on the overall building blocks for success as a college student in the Rehabilitation Sciences program at UIC. Course Information: Satisfactory/Unsatisfactory grading only. Priority will be given to students in the BS in Rehabilitation Sciences.

AHS 102. Foundations of Clinical Research in Health & Rehabilitation Sciences. 3 hours.
Introduces the fundamentals of scientific inquiry and evidence-based practice in health and rehabilitation sciences. Explores research methodologies, critical appraisal of scientific literature, and information synthesis to answer clinical questions.

AHS 111. Career Planning in the Health Sciences. 1 hour.
Provides the skills to develop personal career planning and development for health and other sectors. Promotes self-discovery, explores career choices, and aids the articulation of academic goals and career plans upon completion of this course. Course Information: Extensive computer use required. Meets eight weeks of the semester.

AHS 112. Career Readiness in the Health Sciences. 1 hour.
Explores skills needed: to create a self-brand; to navigate a job search; to develop life skills for the world of work. Emphasis on health-related vocations and on personal and professional development throughout the career-span. Course Information:.

AHS 200. Introduction to Integrated Health Sciences. 3 hours.
Overview of the biological, behavioral, economical, and socio-cultural determinants of health from the level of the gene to society. Contextualizes health into current behavioral and social theories and paradigms. Course Information: Taught as a blended course with both online content and face to face discussion sessions.

AHS 210. Introduction to Rehabilitation Sciences. 3 hours.
Aspects of rehabilitation social sciences as they relate to the maximization of functional capacity in persons seeking rehabilitation services, and the interaction of persons with the surrounding environment. Course Information: Prerequisite(s): AHS 100 or credit or concurrent registration in AHS 101. Priority registration for students in the BS in Rehabilitation major.

AHS 294. Special Topics in the Health Sciences. 1-5 hours.
Covers special topics relevant to the health sciences. Course Information: May be repeated.

AHS 299. Applied Health Scienes Study Abroad. 0-18 hours.
Provides credit for study abroad. Student's proposal must have prior approval of the student's major program or department. Final determination of credit is made on the student's completion of the work. Course Information: May be repeated for a maximum of 36 hours per academic year or for a total of 48 hours, all of which must be earned within one calendar year.

AHS 304. Human Sexuality and Health Science. 3 hours.
Introduction to sexuality and sexual functioning across the lifespan with particular emphasis on the intersection of sexuality and health. Course Information: Taught as a blended course with both online content and face to face discussion sessions.

AHS 325. Approaches to Rehabilitation Case Management. 3 hours.
Case management of clients in rehab settings through continuum of care from acute care to home/community. Introduction to collaborative process of assessment, planning, care coordination, evaluation, and advocacy to meet an individual's and family needs. Course Information: Prerequisite(s): Credit or concurrent registration in AHS 102 and AHS 210; or consent of the instructor. Priority will be given to students in the BS in Rehabilitation Sciences, but the course will be open to all UIC students who meet the prerequisite requirement.

AHS 330. Physical and Mental Health Issues in Rehabilitation. 3 hours.
Introduces students to common diagnostic conditions seen in rehabilitation, the physical and mental health impact of each condition, and implications for independent living and community participation. Course Information: Prerequisite(s): Credit or concurrent registration in AHS 210. Priority will be given to students in the BS in Rehabilitation Sciences, but will be open to other students with approval.

AHS 365. Measurement and Assessment in Rehabilitation. 3 hours.
Designed to introduce students to measures and assessments used in rehabilitation sciences. The course will cover examples of measures used in clinical practice as well as in rehabilitation research. Course Information: Prerequisite(s): Credit or concurrent registration in AHS 210; and STAT 101 or STAT 130; or consent of the instructor. Priority will be given to students in the BS in Rehabilitation Sciences, but open to all UIC students who meet the prerequisites requirements.

AHS 375. Ethics, Law and Professionalism in Health Sciences. 3 hours.
Examination of the ethical, legal, and professional theories, issues, and decision-making process involved in health sciences and health care environments. Course Information: Priority to senior level students in BS in Rehabilitation Sciences and BS in Liberal Arts and Sciences, majors in Integrated Health Studies, but open to all UIC students.

AHS 393. Synthesis in Health and Rehabilitation Sciences. 3 hours.
Students will develop a synthesis project that integrates their practical experiences in healthcare settings, research laboratories, or community centers with content learned in major core courses. Course Information: Field work required. Course sections will be divided up and tailored to the students in the Bachelor's Program in Rehabilitation Sciences and students in the Integrated Health Sciences Program. Prerequisite(s): Junior standing or above; or consent of the instructor. Recommended background: Past experience volunteering or working in a health care setting and/or being a consumer of health care preferred.

AHS 396. Independent Study in Applied Health Sciences. 1-4 hours.
Selected topics in applied health sciences for individual student study, with faculty approval and supervision. Course Information: Satisfactory/ Unsatisfactory grading only. May be repeated to a maximum of 8 hours. Prerequisite(s): Junior standing or above.

AHS 402. Health Inter-professional Seminar. 2 hours.
Exposure to a variety of healthcare providers in an effort to educate students to better provide patient care and consumer services and to deliver patient-centered care and consumer services as an interdisciplinary team. Course Information: Priority will be given to students in the BS in Rehabilitation Sciences.

AHS 405. Experiential Learning in Health and Rehabilitation Sciences. 3 hours.
Students pursue practical experiences in community and healthcare settings, applying knowledge gained through coursework, following service models used by the partner organization, and focusing on the needs of the people and communities served. Course Information: Field work required. In preparation for site engagement, all students will complete HIPAA training through UIC and a CPR certification course. Students will complete additional site-specific material review such as the "Recognizing and Reporting Child Abuse: Training for Mandated Reporters" through DCFS as required by partner sites. These items will be done as part of the course curriculum. Prerequisite(s): Credit or concurrent registration in AHS 325. Open only to juniors and seniors; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Practice and one Discussion.

AHS 425. Rehabilitation Services and Resources for Children with Developmental Disabilities and Families. 3 hours.
Introduction to general concepts related to rehabilitation services and settings for children with or at risk for developmental delays/disabilities and their family. Emphasis is placed on understanding evidence-based therapies,supports,and resources. Course Information: Prerequisite(s): AHS 210 and AHS 330.

AHS 495. Urban Health Multicultural Seminar. 1 hour.
Students attend multicultural and urban health-related seminars, participate in faculty-student discussion, academic presentations, and directed reading groups to integrate issues of cultural difference into students' professional development. Course Information: Satisfactory/ Unsatisfactory grading only. May be repeated. All Academy seminars are pre-approved: other approved events will be announced to students. Any off-campus events must have prior approval. One academic year is allotted for completion of seminar. Students should register the semester they begin attending lectures; grades will be deferred until course is completed. Prerequisite(s): Sophomore standing or above.

Arabic (ARAB)

Courses

ARAB 101. Elementary Arabic I. 4 hours.
Introduction to and practice in speaking, reading, and writing Arabic and comprehending spoken arabic. Course Information: Credit is not given for ARAB 101 if the student has credit for ARAB 115. Prerequisite(s): For students who have not studied Arabic or placement as determined by test score or consent of the instructor.

ARAB 102. Elementary Arabic II. 4 hours.
Continues Arabic 101. Course Information: Credit is not given for ARAB 102 if the student has credit for ARAB 115. Prerequisite(s): Grade of C or better in ARAB 101 and appropiriate score on the placement test or consent of the instructor.

ARAB 103. Intermediate Arabic I. 4 hours.
Continuation of practice in speaking, reading, and writing Arabic and comprehending spoken Arabic. Course Information: Prerequisite(s): Grade of C or better in ARAB 102; or Grade of C or better in ARAB 115; or appropriate score on the department placement test; or consent of the instructor. Credit is not given for ARAB 103 if student has credit for ARAB 116.

ARAB 104. Intermediate Arabic II. 4 hours.
Continuation of practice in comprehending spoken Arabic and reading Arabic with some work in speaking and writing Arabic. Course Information: Prerequisite(s): Grade of C or better in ARAB 103; or appropriate score on the department placement test; or consent of the instructor. Credit is not given for ARAB 104 if the student has credit for ARAB 116. *IAI GECC Humanities course*.

ARAB 105. Modern Arab Culture. 3 hours.
Intro to modern Arab culture through movies, music, literary and historical texts. The course aims to correct negative stereotypes by exploring different Arab cultures, religion, art, and politics. Course Information: Taught in English. *UIC GE World Cultures course*.

ARAB 115. Intensive Elementary Arabic. 8 hours.
Intensive introduction to modern standard Arabic with emphasis on speaking, reading, and writing. Course Information: Extensive computer use required. Equivalent to Arabic 101 and 102 combined. Offered during selected summers only. May be offered as an 8-week or 12-week online course during selected summers only. Students with 101 or 102 credits may not take the course. Credit is not given for ARAB 115 if the student has credit in ARAB 101 or ARAB 102. Recommended background: For students who have not studied Arabic.

ARAB 201. Advanced Arabic through Literature. 3 hours.
An introduction to both classical and modern Arabic literature in the original language. Arabic rhetoric. Intensive listening, speaking, reading and writing at an intermediate to advanced level. Course Information: Taught in Arabic. Prerequisite(s): Grade of C or better in ARAB 104; or appropriate score on the department placement test or the equivalent AP Test score, or if taking as an elective, the consent of the instructor.

ARAB 202. Media Arabic. 3 hours.
Vocabulary and grammar of Modern Standard Arabic as used in media such as newspapers, television and the web. Different uses of Arabic in various media outlets and introductory level media analysis. Course Information: Prerequisite(s): Grade of C or better in ARAB 104; or appropriate score on the department placement test or the equivalent AP Test score, or if taking as an elective, the consent of the instructor.

ARAB 203. Arabic for Healthcare Professions and Sciences. 3 hours.
An advanced course for students interested in pursuing a career in healthcare who would like to communicate effectively in Arabic with patients and families. Course Information: Prerequisite(s): Grade of C or better in ARAB 104; or appropriate score on the department placement test; or consent of the instructor; or the equivalent AP Test score.

ARAB 222. Philosophy in the Islamic World. 3 hours.
Survey of philosophy in the Islamic world from 8th century until today. Topics include: logic and psychology to metaphysics, theology, and politics. Special emphasis on cultural interactions between philosophers of different faiths and cultures. Course Information: Same as PHIL 222 and RELS 222. Prerequisite(s): One non-logic course in philosophy or consent of the instructor.

ARAB 230. Arabic Literature in Translation. 3 hours.
Introduces students to the genres and themes of classical and modern Arabic literature in translation. Course Information: Taught in English. Prerequisite(s): Completion of the English Composition requirement. *UIC GE World Cultures course*.

ARAB 250. The Heritage of Muslim Iberia. 3 hours.
Examines the history, culture and scientific achievements associated with the Muslim presence in Iberia from 711 CE to the fall of Grenada in 1492 CE, and the interplay of Arab and non-Arab cultures in the Western Mediterranean. Course Information: Taught in English. Prerequisite(s): Completion of the English Composition requirement. *UIC GE Past course, and UIC GE World Cultures course*.

ARAB 270. The Reel Arab. 3 hours.
Examination of how Arabs are portrayed in the cinema. Exploration of popular films (both Western and Arab) and their prominent conventions. Focus on gender issues, racial and ethnic representations, and analysis of patriarchal attitudes. Course Information: Same as MOVI 270. Taught in English. Prerequisite(s): Completion of ENGL 160; or any 100- or 200-level film course. *UIC GE Creative Arts course*.

ARAB 299. Independent Reading. 1-3 hours.
Individually planned readings on selected topcis under faculty supervision. Course Information: May be repeated to a maximum of 3 hours. Taught in English. Prerequisite(s): Consent of the instructor.

ARAB 310. Aristotle and the Arabs. 3 hours.
Traces the major topics of ancient Greek philosophy, especially those of Aristotle, and their transformation into the philosophy developed in the Arabic classical period. Course Information: Same as CL 310 and PHIL 310. Prerequisite(s): CL 221 or PHIL 221 or RELS 230.

Architecture (ARCH)

Courses

ARCH 105. Architectural Studio 1. 5 hours.
Introduction to the visual and graphic principles of architectural design and production, with emphasis on observation, process, and composition, developed under the theme of representation and visual culture. Course Information: 5 hours. Field trips required at a nominal fee. Prerequisite(s): Approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ARCH 106. Architectural Studio 2. 5 hours.
Introduction to materials and methods of assembly in architectural design and production, with emphasis on design process, problem-solving, and construction, developed under the general theme of representation and visual culture. Course Information: 5 hrs. Prerequisite(s): ARCH 105 and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ARCH 151. Architecture at Chicago. 2 hours.
Introduction to the architecture culture of the School of Architecture and in the city. Course Information: Extensive computer use required. Field work required. Requires concurrent registration in ARCH 105.

ARCH 200. Architecture and Society. 4 hours.
Provides an understanding of the issues and factors that motivate and influence architectural design and theory, and how architecture is shaped by and shapes cultural concerns and social organization. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

ARCH 205. Architectural Studio 3. 5 hours.
Principles of building design and representation explored through integrative analysis of program, site, structure, materials, mechanical systems, and composition, developed under the general theme of architectural technology. Course Information: 5 hours. Extensive computer use required. Field trips required at a nominal fee. Field work required. Students will use city as a research laboratory with field work on project sites. Additional scheduled field trips will be made to significant or historical architectural buildings as part of preliminary design research and analysis. Prerequisite(s): ARCH 105 and ARCH 106; and approval of the department. Students must have earned an average grade of C or better in ARCH 105 and ARCH 106. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ARCH 206. Architectural Studio 4. 5 hours.
Expands basic principles of building design and representation explored through integrative analysis of program, site, structure, materials, mechanical systems, and composition, developed under the general theme of architectural technology. Course Information: 5 hours. Extensive computer use required. Field trips required at a nominal fee. Field work required. Students will use city as a research laboratory with field work on project sites. Additional scheduled field trips will be made to significant or historical architectural buildings as part of preliminary design research and analysis. Prerequisite(s): ARCH 205 and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ARCH 210. Architecture as Archetype: Explorations of the City and Its Forms. 3 hours.
Introduces students to architectural knowledge through its most elementary forms, analyzing their historical manifestations and present expressions. *UIC GE Past course*.

ARCH 251. Architectural Analysis. 3 hours.
Analysis of the form and space of the built environment beginning with experiential and empirical inquiry and expanding to formal, visual, compositional, and perceptual techniques. Course Information: Prerequisite(s): Approval of the Department; and BA Architectural Studies students must enroll concurrently in ARCH 105; and BS Architecture students must have completed ARCH 106 and also register concurrently in ARCH 205. Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ARCH 252. Modern Architecture. 3 hours.
Introduction to the concept of architectural theory as an integral part of making, understanding, and interpreting works of architecture. Course Information: Prerequisite(s): BS Arch students: ARCH 205 and ARCH 251. BA Arch students: ARCH 251. Arch Minor Students: ARCH 200. Corequisite(s): BS Arch students must concurrently enroll in ARCH 206. Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ARCH 359. Architectural Technology 1. 4 hours.
Examines the architect's role in protecting the health, safety and welfare of the public through responsible and ethical building practices. Course Information: Prerequisite(s): Third year standing in the Bachelor of Science in Architecture program or approval of the school. Requires concurrent registration in ARCH 365. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ARCH 360. Architectural Technology 2. 4 hours.
Introduction to building construction processes, terminology, principles, conventions, standards, applications, restrictions and communcations pertaining to construction materials and assemblies. Course Information: Prerequisite(s): ARCH 359 or approval of the school. Requires concurrent registration in ARCH 366. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ARCH 365. Architectural Studio 5. 6 hours.
Intermediate exercises in building design and representation explored through integrative analysis of program, site, structure, materials, mechanical systems, and composition, developed under the general theme of city and environment. Course Information: Extensive computer use required. Field trip required at a nominal fee. Field work required. Students will use city as a research laboratory with field work on project sites. Additional scheduled field trips will be made to significant or historical architectural buildings as part of preliminary design research and analysis. Prerequisite(s): ARCH 205 and ARCH 206; and approval of the department. Students must have earned an average grade of C or better in ARCH 205 and ARCH 206. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ARCH 366. Architectural Studio 6. 6 hours.
Extended intermediate exercises in building design and representation explored through integrative analysis of program, site, structure, materials, mechanical systems, and composition, developed under the general theme of city and environment. Course Information: Extensive computer use required. Field trips required at a nominal fee. Field work required. Students will use city as a research laboratory with field work on project sites. Additional scheduled field trips will be made to significant or historical architectural buildings as part of preliminary design research and analysis. Prerequisite(s): ARCH 365 and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ARCH 371. Architectural Theory 1. 3 hours.
The emergence of the metropolis beginning in the mid-nineteenth century is examined through a survey of the forces that produced it, and the ideologies and practices that have attempted to organize, control, and simulate it. Course Information: BS Arch students must be enrolled in ARCH 359 and ARCH 365. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ARCH 372. Architectural Theory 2. 3 hours.
Discusses a diversity of critical and generative approaches to twentieth-century architecture and theory, with an emphasis on how architects invent and instrumentalize history. Course Information: Prerequisite(s): ARCH 371. BS students must concurrently enroll in ARCH 366. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ARCH 391. Architectural Study Abroad. 0-17 hours.
Lectures, seminars, studio, and independent travel/study abroad. Architectural/art history, architectural elective and/or architectural theory and analysis. Course Information: May be repeated to a maximum of 34 hours. Prerequisite(s): A 2.50 cumulative grade point average in architecture and approval of the school.

ARCH 395. Cooperative Education. 1 hour.
Introduction to architectural practice. Offers students the opportunity to couple academic learning with professional experience in an off-campus placement. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 3 hours. Field work required. Prerequisite(s): Consent of the instructor. Restricted to students withthird or fourth year standing in the B.A. in Architectural Studies program.

ARCH 399. Architecture Elective I. 3 hours.
Special topics in architectural theory, design, and criticism. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term.

ARCH 414. Contemporary Practices. 3 hours.
An upper level "selective" seminar that examines specific approaches to the contemporary practice of architecture; students choose by lottery from among several options that are offered by faculty. Course Information: Prerequisite(s): ARCH 252; and approval of the department. BS in Architecture students must complete ARCH 371 and 372. Corequisite(s): BS in Architecture students must concurrently enroll in ARCH 465. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion.

ARCH 440. Digital Design and Fabrication. 3 hours.
Lectures, 3D software modeling lab time, and lab time for fabricating these files into physical models and prototypes, delivers a survey knowledge of digital fabrication and production in contemporary architectural practice. Course Information: Prerequisite(s): ARCH 106; and approval of the department.

ARCH 465. Advanced Topic Studio 1. 6 hours.
Advanced studio that pursues specific design and research agendas of current significance; students choose by lottery from among several options that are offered by faculty. Course Information: Extensive computer use required. Field trip required at a nominal fee. Field work required. Students will use city as a research laboratory with field work on project sites. Additional scheduled field trips will be made to significant or historical architectural buildings as part of preliminary design research and analysis. Prerequisite(s): ARCH 360 and ARCH 365 and ARCH 366 and ARCH 372; and junior standing or above; and approval of the department. Students must have earned an average grade of C or better in both ARCH 365 and ARCH 366. Students with a lower grade point average for the 365/366 studio sequence are required to take an eight-week summer studio in which they must earn at least a C in order to advance to the studio sequence for the following year. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ARCH 466. Advanced Topic Studio 2. 6 hours.
Advanced studio that pursues specific design and research agendas of current significance; students choose by lottery from among several options that are offered by faculty. Course Information: Extensive computer use required. Field trip required at a nominal fee. Field work required. Students will use city as a research laboratory with field work on project sites. Additional scheduled field trips will be made to significant or historical architectural buildings as part of preliminary design research and analysis. Prerequisite(s): ARCH 465; and approval of the department. Students must have earned an average grade of C or better in ARCH 365 and ARCH 366. Students with a lower grade point average for the 365/366 studio sequence are required to take an eight-week summer studio in which they must earn at least a C in order to advance to the studio sequence for the following year. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ARCH 470. Structures I: Statics. 3 hours.
Introduction to the analysis of structural elements. Introduction to fundamental structural planning criteria and relevant concepts of tension, compression and bending. Introduction to historical and contemporary structural precedents. Course Information: Prerequisite(s): Credit or concurrent registration in MATH 180 and Credit or concurrent registration in PHYS 131.

ARCH 471. Structures II: Strength of Materials. 3 hours.
Introduction to material properties; strength characteristics of building materials and material assemblies; stress and strain; rigidity and deformation; temperature effects; torsion effects; combined loading of elements and systems. Course Information: Prerequisite(s): ARCH 470 and approval of the school.

ARCH 499. Special Topics. 3 or 4 hours.
Special topics in theory, design, technology, or graphic skills and craft (manual or digital). Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 3 time(s). Prerequisite(s): Senior standing or above.

Art (ART)

Courses

ART 101. Signifying Practices: Art and Visual Culture. 4 hours.
Introduction to theoretical perspectivs for analyzing experiences of visual and multi-modal phenomena. Strategies for researching and writing about topics related to contemporary aesthetic practices. Course Information: Field trips required at a nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 110. Introduction to Art Education. 4 hours.
Introduction to practical and theoretical perspectives in art education. Students will be introduced to methods of interpretation and meaning making, and learn how art educators work in collaboration with diverse populations. Course Information: Extensive computer use required. Field trip required at a nominal fee. Students are not required to have a background in art education. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

ART 112. Introduction to Drawing. 4 hours.
Introduction to drawing: orientation to the description and expressive potential of drawing through exposure to a variety of subjects, media, and formal concepts. Course Information: Previously listed as AD 102. Field trips required at a nominal fee. Course Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory. *IAI Major ART course, and UIC GE Creative Arts course*.

ART 116. The Science and History of Sound in the Arts. 3 hours.
Investigates physical properties of sound and their application in the arts. Students will explore sound through math, physics, and acoustics fundamental principles. Principles of sound will be tested/evaluated through research/applied projects. Course Information: Same as MUS 116. Extensive computer use required. Field work required. *UIC GE Natural World No Lab course*.

ART 130. Introduction to Painting + Color. 4 hours.
Beginning painting: introduction to major directions of contemporary painting; underlying historical precedents; orientation to subjects and formal concepts using relevant materials and process. Course Information: Field Trip required at a nominal fee. Course Schedule Information: To be properly registered, students must enroll for one Lecture and one Laboratory. *UIC GE Creative Arts course*.

ART 140. Introduction to Sculpture. 4 hours.
The study of major directions and underlying historical precedents in contemporary sculpture. Orientation to concepts of 3-dimensionality through use of relevant processes and heuristic approaches to making. Course Information: Previously listed as AD 140. Field trips required at a nominal fee. Course Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory. *UIC GE Creative Arts course*.

ART 150. Introduction to New Media Arts. 4 hours.
An introduction to the theory and practice of responsive arts. Through hands-on exercises, students learn to design interactive interfaces and responsive environments. Survey lectures focus on current practices and the history of new media. Course Information: Previously listed as AD 100. Extensive computer use required. Course Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory. *UIC GE Creative Arts course*.

ART 151. Introduction to Creative Coding in New Media Arts. 4 hours.
Under the professional instruction of an expert in coding languages, students will investigate the ways in which social media, data, and code have been instrumental in re-configuring the nature of social relationships in our society. Course Information: Extensive computer use required. Field trips required at a nominal fee. Students will use coding languages such as Processing, HTML, and JavaScript. Moving through beginning and intermediate levels of coding, students will explore creative new avenues of applying these tools. Students will gain skills to expand upon traditional uses of coding by aligning it with the contemporary art practices of New Media, a field in which technology and contemporary art combine. Class Schedule: To be properly registered, students must enroll in one Lecture and one Laboratory. 420071 *UIC GE Creative Arts course*.

ART 160. Introduction to Digital Photography. 4 hours.
Introduction to digital photography: basic familiarity with camera, photographic techniques, Photoshop, low level lighting and high end printing. Includes social, cultural, critical and aesthetic considerations of the medium. Course Information: Previously listed as AD 150. Extensive computer use required. Field trips required at a nominal fee. Fully manual Digital Camera and laptop computer with appropriate Photoshop software is required. Course Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory. *UIC GE Creative Arts course*.

ART 170. Introduction to Filmmaking. 4 hours.
Introduction to the practice, history and context of the moving image. Basic experimentation with image/sound capture and editing as related to film, video and audio. Course Information: Previously listed as AD 170. Field trips required at a nominal fee. Course Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory. *UIC GE Creative Arts course*.

ART 190. Introduction to Socially Engaged Art. 4 hours.
Introduces the concept of socially engaged art, a practice that blurs the line between art and life, emphasizing participation, dialogue, and action. Includes field visits and dialogue with artists. Students design and realize a public art project. Course Information: 3 hours. Previously listed as AD 190. Field trips required at a nominal fee. No previous art and studio experience is necessary for this class. Field Trips Required: Mess Hall, Dorchester Projects and Rebuild Foundation, Threewalls, Hyde Park Art Center, Experimental Station, and South Side Community Art Center, are all site-specific resources for this course. Students will visit at least two of these sites as part of their analysis and exploration of socially engaged art practices. Prerequisite(s): ENGL 160. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice. *UIC GE Creative Arts course*.

ART 201. Democratic Practices in Art Education. 4 hours.
Explores the evolution of various practices and sites of art education in Chicago, the U.S. and in global contexts. The course examines the role of the arts in education and democratic life. Course Information: Field trips required at a nominal fee. Field work required. Prerequisite(s): Art Education majors or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ART 210. Understanding Curriculum, Development, and Learning in Art Education. 4 hours.
Contextualizes methods of teaching art within histories of art and education. Design and teach curriculum that emphasizes contemporary art, cultural diversity, adolescent development and community issues. Course Information: Field work required. Prerequisite(s): ART 201. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory-Discussion.

ART 212. Topics in Drawing I. 4 hours.
This course addresses current practices and theories in drawing. The course is an investigation of drawing as a vehicle by which to explore a variety of media. Course Information: Previously listed as AD 203. May be repeated for a maximum of 8 hours. Field trips required at a nominal fee. Prerequisite(s): Sophomore standing or above; or consent of the instructor; and completion of the art foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 223. Topics in Justice. 3 hours.
Uses aesthetic and theoretical approaches to examine global or local issues of justice; will have rotating topics. Course Information: Field trips required at a nominal fee.

ART 230. Topics in Painting I. 4 hours.
Direct experience and related readings investigate innovations and major directions in contemporary painting. The instructor directs in-depth focus regarding a specific topic or emphasis. Course Information: Previously listed as AD 230. May be repeated for a maximum of 8 hours. Field trips required at a nominal fee. Prerequisite(s): Sophomore standing or above; or consent of the instructor; and completion of art foundation program.

ART 240. Topics in Sculpture I. 4 hours.
Specific topics, designed by the instructor, address current practices and theories in sculpture and installation. The course is an investigation of sculptural practices as a vehicle by which to explore a variety of media. Course Information: May be repeated to a maximum of 8 hours. Field trip required at a nominal fee. Prerequisite(s): Sophomore standing or above and completion of art foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 250. Topics in New Media Arts: Intermediate. 4 hours.
Concentration course in New Media Art. Students create artwork with new media technologies, interactive installations, software and computer animation. Includes social, cultural, critical and aesthetic considerations of new media. Course Information: May be repeated for a maximum of 8 hours. Extensive computer use required. Prerequisite(s): Sophomore standing or above and completion of the art foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 260. Topics in Digital Photography. 4 hours.
Intermediate digital phography: specific topics designed by instructor, conceptual/contextual image making, familiarity with camera, photographic techniques, Photoshop, basic lights techniques and high end printing. Course Information: Previously listed as AD 267. May be repeated for a maximum of 8 hours. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): Sophomore standing or above and completion of the first-year art foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 261. Topics in Analog Photography. 4 hours.
Introduction to analog black and white photography: advance familiarity with camera, photographic techniques, printing and basic lighting. The course is an investigation of analog photography. Course Information: Previously listed as AD 268. Field trips required at a nominal fee. Prerequisite(s): Sophomore standing or above; or consent of instructor; and completion of the first-year art foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 270. Topics in Film I. 4 hours.
An introduction to 16mm film production in theory and practice. Assignments, screenings, discussions and readings related to experimental cinema supplement topics such as: cinematography, editing, composition and cameraless film making. Course Information: Previously listed as AD 271. May be repeated for a maximum of 8 hours. Prerequisite(s): Sophomore standing or above and completion of the art foundation program. Class Schedule Information: To be registered properly, students must enroll in one Lecture and one Laboratory.

ART 272. Topics in Video I. 4 hours.
An intermediate video production course in theory and practice. Assignments, screenings, discussions, and readings related to video art as well as technical skills needed for production and post-production. Course Information: Previously listed as AD 278. May be repeated for a maximum of 8 hours. Extensive computer use required. Prerequisite(s): Sophomore standing or above; or consent of instructor; and completion of the art foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 274. Topics in Motion Graphics I. 4 hours.
Introduction to basic film/video animation techniques including direct animation, stop-motion, cycles, metamorphosis, and special graphic processes and effects. Course Information: Previously listed as AD 274. May be repeated for a maximum of 8 hours. Prerequisite(s): Sophomore standing or above and completion of the art foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 275. Topics in Screenwriting. 4 hours.
Project-based course is an introduction to screenwriting. Students learn the principles of substance, structure and style and how to write in proper script format. Course Information: Previously listed as AD 275. May be repeated for a maximum of 8 hours. Prerequisite(s): Sophomore standing or abaove; or cnsent of the instructor; and completion of the art foundation program.

ART 280. Topics in Color. 4 hours.
Course presents a wide range of historical and contemporary color theories and investigates color in terms of color science, reproduction and communication. Provides a conceptual framework for approaching color and working knowledge of its attributes. Course Information: Previously listed as AD 209. May be repeated for a maximum of 8 hours. Field trips required at a nominal fee. Prerequisite(s): Sophomore standing or above and completion of the Art Foundation Program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 290. Art and Resistance: Socially Engaged Art. 4 hours.
Covers an overview of how artists have engaged in political movements and more contemporary examples including artists involved in the Occupy and Black Lives Matter Movements. Course Information: Field trips required at a nominal fee. Material covered in class will include DaDa which arose as reaction to World War I, German artist Joseph Beuys and his notion of Social Sculpture and his involvement in the Organization for Direct Democracy and the Green Party, the role art and design played in the Black Panther Party, the Guerilla Girls and their feminist critique of art institutions. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory. *UIC GE Individual and Society course*.

ART 310. Visual and Verbal Literacy in Art Education. 4 hours.
Explores relevance of critical theory, text-based contemporary art, cultural studies, and aesthetics to the school art curriculum. Strategies for incorporating reading and writing into arts education. Course Information: Field work required. Prerequisite(s): Grade of B or better in ART 210; and junior standing or above; and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture one Discussion.

ART 312. Topics in Drawing II. 4 hours.
Topics directed by the instructor; may include individual study and related readings in contemporary art; further investigation and extended applications in drawing. Course Information: Previously listed as AD 304. May be repeated for a maximum of 8 hours. Field trips required at a nominal fee. Prerequisite(s): ART 212; and junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 323. Topics in Justice. 3 hours.
Uses aesthetic and theoretical approaches to examine global or local issues of justice; will have rotating topics. Course Information: Field trips required at a nominal fee.

ART 330. Topics in Painting II. 4 hours.
In-depth focus regarding a specific topic/emphasis under the direction of the instructor; direct experience and related readings investigate innovations and major directions in contemporary painting. Course Information: Previously listed as AD 332. May be repeated to a maximum of 12 hours. Prerequisite(s): ART 230; and junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 340. Topics in Sculpture II. 4 hours.
Specific topics--designed by the instructor--address current practices and theories in sculpture and installation. The course is an investigation of sculptural practice as a vehicle by which to explore a variety of media. Course Information: Previously listed as AD 342. May be repeated for a maximum of 8 hours. Field trips required at a nominal fee. Prerequisite(s): ART 240; and junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 350. Advanced Topics in New Media Arts. 4 hours.
Concentration course in New Media Art. Students create artwork with new media technologies, interactive installations, software and computer animation. Includes social, cultural, critical and aesthetic considerations of new media. Course Information: May be repeated for a maximum of 12 hours. Extensive computer use required. Prerequisite(s): ART 250. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 360. Topics in Photography. 4 hours.
Direct experience and related readings investigate innovations and major directions in contemporary photography. The instructor directs in-depth focus regarding a specific topic or emphasis. Course Information: Previously listed as AD 360. May be repeated for a maximum of 12 hours. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): ART 260; and junior standing or above; and consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 362. Topics in Photography: Alternative Process and Lighting Studio. 4 hours.
Exploring alternative process in photography and how they can inform the work in contemporary practices as well as the exploration of tools and techniques of a photographic lighting studio. Course Information: Previously listed as AD 262. May be repeated for a maximum of 8 hours. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): Junior standing or above and completion of Art Foundation Program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 370. Topics in Film II. 4 hours.
An advanced 16mm production course that uses screenings, readings, and discussions of experimental film to supplement such practical topics as sync-sound recording, color film, digital editing of 16mm film, and post-production techniques. Course Informaion: Previously listed as AD 371. Prerequisite(s): ART 270; and junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 372. Topics in Video II. 4 hours.
A topics-based project-oriented course that emphasizes advanced media production in the areas of 16mm film, video, motion graphics, and sound. Course Information: Previously listed as AD 378. Extensive computer use required. Prerequisite(s): ART 272; and junior standing or above; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 374. Topics in Motion Graphics II. 4 hours.
Applications of advanced methods in film/video post-production graphics. Creative projects utilizing sound synchronization, computer motion synthesis, and related techniques. Course Information: Previously listed as AD 374. May be repeated for a maximum of 12 hours. Extensive computer use required. Prerequisite(s): ART 274; and junior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 376. Topics in Audio. 4 hours.
Audio production for film, video and sound artists. Study of basic recording, mixing and dissemination techniques and contemporary/historical overview of how artists engage with audio. Course Information: Previously listed as AD 276. May be repeated for a maximum of 8 hours. Extensive computer use required. Prerequisite(s): Sophomore standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 380. Topics Seminar. 4 hours.
Seminar and discussion with focus on specific topics relevant to contemporary art practice, examined in relation to critical readings, research, and writing. Course Information: Previously listed as AD 391. Field trips required at a nominal fee. Prerequisite(s): AH 160. Open only to juniors and seniors. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 381. Topics in Documentary Media. 4 hours.
Specific topics varying each semester will address current practices and theories in documentary media. The mechanical reproduction applied to recording, documenting, and interpreting real life situations and events. Course Information: Previously listed as AD 362. May be repeated for a maximum of 12 hours. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): ART 270 and ART 370; or ART 272 and ART 372; or ART 260 and ART 261; and junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 382. Topics in Art. 4 hours.
Multidisciplinary art making course based on a topic chosen by instructor. Course consists of art production and written assignments, lecture, class critiques and individual meetings. Course Information: May be repeated for a maximum of 12 hours. Field trips required at a nominal fee. Prerequisite(s): Junior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 390. Art in Context: Socially Engaged Art. 4 hours.
The context is half the work, a statement by the A.P.G. points to the knowledge that how a work of art is produced cannot be separated from its meaning. This course focuses on art that finds itself in the world and social and political context. Course Information: Field trips required at a nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 400. Advanced Critique. 4 hours.
A sustained critical viewing and discussion of student work in order to consider, measure and reconsider effective strategies in artistic production. Course Information: Field trips required at a nominal fee. Field work required. Prerequisite(s): Junior standing or above; and consent of the instructor.

ART 401. Senior Projects: Critique. 6 hours.
Critique/discussion for advanced art majors. Course Information: Previously listed as AD 462. Prerequisite(s): Senior standing or above; and consent of instructor. Class Schedule Information: To be registered properly, students must enroll in one Laboratory-Discussion and one Conference.

ART 402. Senior Projects: Thesis. 6 hours.
Exhibition/thesis production and seminar culminating in an exhibition/final thesis show for graduating seniors. Course Information: Previously listed as AD 453. Prerequisite(s): ART 401; and senior standing or above; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Conference.

ART 410. Art Education Practicum. 4 hours.
Experience in classroom teaching and curriculum design, connecting practices of contemporary artmaking with practices of contemporary critical pedagogy. Design and teach interdisciplinary curriculum. Course Information: Field work required. Prerequisite(s): Grade of B or better or concurrent registration in ART 210; and junior standing or above; and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ART 423. Topics in Justice. 3 or 4 hours.
Uses aesthetic and theoretical approaches to examine global or local issues of justice; will have rotating topics. Course Information: 3 undergraduate hours, 4 graduate hours. Field trips required at a nominal fee.

ART 454. 3D Space I: Modeling. 4 hours.
Introduction to 3D modeling, texturing, lighting and rendering. Students develop a cross-media skill set that can be used for visualizing sculptural and/or architectural installations, filmic animation and compositing, gaming and object design. Course Information: Previously listed as AD 454. Extensive computer use required. Prerequisite(s): Consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 455. 3D Space II: Animation. 4 hours.
Continuation of 3D Space I: Modeling. Includes a focus on environment design with advanced texturing, lighting, rendering and particles. Course Information: Previously listed as AD 455. May be repeated for maximum of 8 hours. Extensive computer use required. Prerequisite(s): ART 454; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 456. Embedded Media: Physical Computing. 4 hours.
A practical and conceptual exploration into electronic sensors, processors and actuators as applied to interactive media. Course Information: Previously listed as AD 456. Extensive computer use is required. Prerequisite(s): AD 205; and junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 457. Interactive 3D. 4 hours.
An introduction to real-time ineractive art theory and to the design and production practices used in creating 3D applications for games and the web. Course Information: Previously listed as AD 457. Extensive computer use required. Prerequisite(s): Junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 458. Advanced Interactive 3D. 4 hours.
Advanced theory and practice of real-time interactive art and producing 3D applications for games and the web. Conceptualization, planning, and development of interactive 3D and virtual reality environments. Course Information: Previously listed as AD 458. Extensive computer use required. Prerequisite(s): ART 457; and junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 460. Advanced Independent Projects: Photography. 4 hours.
A practical and conceptual exploration into independent individual projects in contemporary photography. Course Information: Field trips required at a nominal fee. Field work required. Prerequisite(s): ART 260; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ART 470. Adv Projects: Moving Image. 4 hours.
A practical and conceptual exploration into possibly long form, longer-term individual or collaborative projects in contemporary film and/or video. Course Information: Field trips required at a nominal fee. Field work required. Prerequisite(s): Credit or concurrent registration in ART 272; and junior standing or above; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ART 480. Independent Study in Art. 0-5 hours.
Intensive workshops in specific art related topics and techniques directed and announced by the instructor. Course Information: 1 to 4 undergraduate hours. 2 to 5 graduate hours. May be repeated. Previously listed as AD 406. Prerequisite(s): Junior or graduate standing; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ART 484. Educational Practicum with Seminar I. 6 hours.
The first half of two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades nine through twelve. Course Information: Graduate credit only with approval of the School of Art and Art History. Field work required. Prerequisite(s): Grade of B or better in ART 210 and Grade of B or better in ART 310 and Grade of B or better in ART 410; and senior standing or above; and approval of the department and approval of the Council for Teacher Education. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ART 485. Educational Practicum with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades nine through twelve. Course Information: Graduate credit only with approval of School of Art and Art History. Field work required. Prerequisite(s): Grade of B or better in ART 210 and Grade of B or better in ART 310 and Grade of B or better in ART 410; and senior standing or above; and approval of the department and approval of Council for Teacher Education. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ART 490. Art and the Collective Impulse. 4 hours.
Art is collective and social endeavor. This course traces the legacy of group work and artist collectives with a focus on developing successful models for collaboration and participation. Course Information: Field trips required at a nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ART 499. Art Internship. 0-4 hours.
Introduction to professional practice offering students the opportunity to couple academic learning with professional experience in an off-campus placement. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Only 8 hours of credit may apply toward Art major requirements. Requirements for the organization offering an internship: understanding/agreement that a student intern is an artist in training (not a volunteer, not a freelancer) positions are paid (at or above federal minimum wage) student is seeking professional experience (not a portfolio piece) setting is a studio environment (the student is not the only artist on site) 15 hours per week expected, 20 hours per week maximum. Prerequisite(s): Approval of the Department.

Art History (AH)

Courses

AH 100. Introduction to Art and Art History. 3 hours.
Forms, meanings, and purposes of art. Discussion of techniques, styles and content as well as historical and social contexts, in various media and cultures. *IAI GECC Fine Arts course, and UIC GE Creative Arts course*.

AH 101. The Naked and the Nude: Studies in Visual Literacy. 3 hours.
Diverse social and psychological aspects of nakedness, nudity and related forms of bodily vulnerability studied through a wide-ranging history of art. Team-taught by the entire Art History faculty. Rigorous training in visual literacy. Museum visit. Course Information: Field trips required at a nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course*.

AH 110. World History of Art and the Built Environment I. 4 hours.
Comprehensive overview of how world art, architecture, and visual culture from prehistory to 1400 CE respond to and shape culture, religion, politics and history. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Creative Arts course*.

AH 111. World History of Art and the Built Environment II. 4 hours.
Comprehensive overview of how world art, architecture, and visual culture from 1400 CE through contemporary respond to and shape culture, religion, politics and history. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Creative Arts course*.

AH 122. History of Chicago Architecture. 3 hours.
An introduction to the architecture and built environment of Chicago from its founding in the early nineteenth century until today. Course Information: Field trips required at a nominal fee. *UIC GE Creative Arts course, and UIC GE Past course*.

AH 125. Introduction to the Art and Architecture of Asia. 3 hours.
Using cross-cultural case studies, this course introduces students to some of the major artistic methods, monuments, and themes associated with Asian art and architecture. Course Information: Same as GLAS 125. Field trip required at a nominal fee. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 130. Photography in History. 3 hours.
Developments in the history of photography including cultural, social, commercial, scientific, political and artistic applications, and its transformation of the related social meanings of art and subjectivity. Course Information: Field trips required at a nominal fee. Recommended background: Any art history course; any photography studio course. *UIC GE Past course*.

AH 140. World Architecture, Climate, and Ecology: An Alternative History. 3 hours.
Offers a history of world architecture with emphasis on world societies that are not conventionally studied and therefore marginalized in the western canon from the perspective of climate and ecology. Course Information: Field trips required at a nominal fee. Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 150. Art and Money. 3 hours.
Surveys topics in the intertwined histories of art and money, asking how works of art from various periods and places might illuminate the often mysterious workings of economic life. Course Information: Field trips required at a nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion *UIC GE Creative Arts course, and UIC GE Past course*.

AH 160. Trends in International Contemporary Art Since 1960. 3 hours.
Surveys international trends in art since 1960. Emphasis is on movements, new media, intermedia, criticism and theory. *UIC GE Creative Arts course*.

AH 172. Visual Culture of the Ancient Americas. 3 hours.
Provides an introduction to visual and material cultures of the indigenous peoples of the Western Hemisphere from the end of the last ice age until the arrival of Europeans in the 16th century. Course Information: Field trip required at a nominal fee. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 180. Intro to Museum & Exhibition. 3 hours.
Engages students with museum and exhibition histories, frameworks and experiences through activities, reading and films, field trips and lectures by professionals and faculty in affiliated areas including anthropology, art, and history. Course Information: Field trips required at a nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

AH 201. Reading and Writing Art Criticism. 3 hours.
Introduction to the writing and reading of art criticism in a variety of media. Course Information: Recommended background: 3 hours of Art History at the 100-level. *UIC GE Creative Arts course*.

AH 204. Greek Art and Archaeology. 3 hours.
Contributions of archaeological excavations to the study of ancient Greece, 600 BC to 31 BC. Architecture, sculpture and painting in their social and historical contexts. Course Information: Same as CL 204, and HIST 204. Credit is not given for AH 204 if the student has credit in CL 215. Taught in English. *UIC GE Creative Arts course, and UIC GE Past course*.

AH 205. Roman Art and Archaeology. 3 hours.
Contributions of archaeological excavations to the study of ancient Rome and her empire 1000 BC-400 AD. Architecture, sculpture and painting in their social and historical contexts. Course Information: Same as CL 205, and HIST 205. *UIC GE Creative Arts course, and UIC GE Past course*.

AH 206. Museums and Exhibitions in Motion. 3 hours.
Students will shadow museum staff, and learn about traditional and leading-edge exhibition craft through example and practice. They will look at exhibitions, and examine creative and critical interventions made by artists, activists and scholars. Course Information: Prerequisite(s): AH 180.

AH 207. Topics in Architecture, Art, and Design. 3 hours.
Selected topics in the history of architecture, art and design. Course Information: May be repeated if topics vary. Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor.

AH 208. Topics in Modern Architecture, Art and Design. 3 hours.
Varying topics in how architecture, art and design have impacted the designed world over the last several centuries. Course Information: May be repeated if topics vary. Students may register for more than one section per term. Recommended background: 3 hours of Art History at the 100-level.

AH 209. Near Eastern Art and Archaeology. 3 hours.
Introduction to the art, archaeology, and material culture of ancient societies in western Asia (Mesopotamia, Syria, the Levant, Anatolia, and Iran) from the first settled villages of the Neolithic to Alexander the Great (ca 9600-330 BCE). Course Information: Same as CL 209. Credit is not given for AH 209 if the student has credit in ARST 209 or CL 209. Previously listed as ARST 209. Prerequisite(s): Sophomore standing or above. Recommended background: AH 110. Class Schedule Information: To be properly, registered students should enroll in one Lecture and one Lecture-Discussion. *UIC GE Creative Arts course, and UIC GE Past course*.

AH 210. Ancient Egyptian Art and Archaeology. 3 hours.
Ancient Egypt from 6000-1000 BCE. Architecture, sculpture and painting in their social and historical contexts. Course Information: Same as BLST 210 and CL 210. Credit is not given for AH 210 if the student has credit in ARST 210 or CL 210 or BLST 210. Previously listed as ARST 210. Prerequisite(s): Completion of the English Composition requirement; and sophomore standing or above. Recommended background: Credit in AH 100 or AH 110. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Lecture-Discussion. *UIC GE Creative Arts course, and UIC GE Past course*.

AH 211. History of Urbanism. 3 hours.
The history of the city: Its form, meaning, function and representation from classical antiquity to the present. Selected topics in the history of settlement patterns and the planning of cities. Course Information: Prerequisite(s): 3 hours of Art History at the 100-level or consent of the instructor. *UIC GE Creative Arts course*.

AH 212. The Contemporary Built Environment. 3 hours.
Varying topics in the way the urban and rural landscape has been treated over the last several decades. Course Information: May be repeated if topics vary. Students may register for more than one section per term. Recommended background: 3 hours of Art History at the 100-level.

AH 218. Pompeii: Everyday Life in a Roman Town. 3 hours.
Examination of the Roman town of Pompeii, including its history, society, politics, economy, religion, art, architecture, and entertainments. Course Information: Same as CL 218 and HIST 218. *UIC GE Past course*.

AH 219. Art and Architecture of East Asia. 3 hours.
Survey of the historic and contemporary art and architecture of China, Korea and Japan, as well as the architecture and art of Asian Diasporas. Course Information: Same as GLAS 219. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 220. Buddhist Art and Architecture. 3 hours.
A chronologically and thematically organized survey of Buddhist art and architecture in Asia and beyond. Course Information: Same as RELS 220 and GLAS 220. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 221. Medieval Architecture. 3 hours.
The development of early Christian, Byzantine, Romanesque, and Gothic architecture. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor.

AH 222. Renaissance Architecture. 3 hours.
The development of architecture in Renaissance Europe, with emphasis on the Italian Penninsula, from 1400 to 1600. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor.

AH 223. Baroque Architecture. 3 hours.
The development of architecture in Europe from 1600 to 1750. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course*.

AH 224. North American Architecture. 3 hours.
The development of architecture, urbanism, and architectural theory over the last 500 years. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor.

AH 225. European Architecture, 1750-1900. 3 hours.
The development of European architecture, urbanism and architectural theory from 1750 to 1900. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor.

AH 228. History of Landscape Architecture. 3 hours.
Survey of developments in the history of gardens, parks, and other designed spaces over the past 1000 years. Course Information: Prerequistie(s): 3 hours of Art History at the 100-level or consent of the instructor.

AH 230. History of Photography I: 1820-1920. 3 hours.
History of photography from the 1820s to the beginning of the twentieth century. Course Information: Prerequisite(s): 3 hours of Art History at the 100-level or consent of the instructor. *UIC GE Creative Arts course*.

AH 231. History of Photography II: 1900 to Present. 3 hours.
History of photography from the beginning of the twentieth century to the present. Course Information: Preerequisite(s): 3 hours of Art HIstory at the 100-level or consent of the instructor. *UIC GE Creative Arts course*.

AH 232. History of Film I: 1890 to World War II. 3 hours.
History of film from its beginnings in the 1890s up to World War II. Course Information: Same as ENGL 232 and MOVI 232. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. Recommended background: ENGL 131 or ENGL 132 or ENGL 230. *UIC GE Creative Arts course*.

AH 233. History of Film II: World War II to the Present. 3 hours.
History of film from World War II to contemporary movements in world cinema. Course Information: Same as ENGL 233 and MOVI 233. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. Recommended background: ENGL 131 or ENGL 132. *UIC GE Creative Arts course*.

AH 234. New Media Studies. 3 hours.
Developments in non-traditional visual media since 1960. Course Information: Recommended background: 3 hours of Art History at the 100-level.

AH 235. History of Design I: 1760-1925. 3 hours.
Survey of industrial and graphic design from the Industrial Revolution to 1925. Course Information: Same as DES 235. Prerequisite(s): 3 hours of Art History at the 100-level or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

AH 236. History of Design II: 1925 to the Present. 3 hours.
Survey of industrial and graphic design from 1925 to the present. Course Information: Same as DES 236. Prerequisite(s): 3 hours of Art History at the 100-level or consent of the instructor. Recommended background: AH 235 or DES 235.

AH 242. Early Christian and Byzantine Art and Architecture. 3 hours.
The art, architecture and built environment of the Early Christian and Byzantine world from the third to fifteenth century CE. Religious and secular arts are surveyed in their historical contexts, paying attention to political, social and cultural circumstances. Course Information: Prerequisite(s): 3 hours of Art History at the 100-level recommended but not required. *UIC GE Creative Arts course*.

AH 243. Medieval Art and Architecture. 3 hours.
The art and architecture of the medieval west from 200 CE through the fifteenth century, including urbanism and the built environment. Religious and secular arts are surveyd in their historical context. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course*.

AH 244. Islamic Art and Architecture. 3 hours.
The art and architecture of Islamic civilizations from the seventh century to the modern period. Religious and secular arts are surveyed in their historical contexts. Course Information: Prerequisite(s): Consent of the instructor or 3 hours of Art History courses at the 100-level. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 245. Selected Topics in Medieval Architecture and Art. 3 hours.
Selected topics in the architecture, art and material culture of Europe and the Mediterranean region, from Late Antiguity through the western Middle Ages, Byzantium and/or Islam. Course Information: May be repeated in topics vary. Students may register for more than one section per term. Recommended background: 3 hours of Art History at the 100-level.

AH 246. European Avant-Garde. 3 hours.
Major movements of the avant-garde, including Cubism, Futurism, Suprematism, Surrealism, and Constructivism. Cross -fertilization of ideas between cultures and media, including literature, film, architecture and visual arts. Course Information: Same as CEES 246. Taught in English. Prerequisite(s): Sophomore standing or above; or consent of the instructor. *UIC GE Creative Arts course*.

AH 248. Russian Visual and Material Culture. 3 hours.
Non-textual manifestations of Russian culture such as painting, sculpture, architecture, design and decorative arts in a way that emphasizes how an object's compositional medium relates to its aesthetic and functional purposes. Course Information: Same as RUSS 248. Taught in English. Prerequisite(s): Completion of ENGL 160; or any 100-level RUSS or AH course. *UIC GE Creative Arts course*.

AH 249. Beauty, Power, Imagination: The Italian Renaissance. 3 hours.
Exploration of the radical changes brought forth by the Italian Renaissance in the way people thought and acted in the world, and in almost every aspect of life: art, architecture, culture, economics, politics, and society. Course Information: Same as CL 249 and ITAL 249. Taught in English. The program includes optional activities such as field trips to the Art Institute and to the Daley Library Rare Book Collection. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 250. Italian Renaissance Art. 3 hours.
Painting, sculpture, and architecture in Italy from the fourteenth through the sixteenth centuries. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course*.

AH 251. Northern Renaissance Art and Architecture. 3 hours.
The art and architecture of the Low Countries, Germany, France, and England during the fiteenth and sixteenth centuries. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course*.

AH 252. Art of the Baroque and Rococo. 3 hours.
European painting, sculpture, and architecture of the seventeenth and early eighteenth centuries. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course*.

AH 253. Topics in Art and Architecture of the Renaissance and Baroque. 3 hours.
Varying topics in art and architecture from 14th through 18th-century Europe, with emphasis on historical, cultural and artistic contexts, and the development of particular periods or movements. Course Information: May be repeated if topics vary. Students may register for more than one section per term. Recommended background: 3 hours of Art History at the 100-level.

AH 259. Art in the Age of Enlightenment and Revolution. 3 hours.
Survey of European art from the Rococo and the Neoclassical to the expansion of print culture, through the lens of the eighteenth century's sweeping political, social and cultural transformations. Course Information: Field trip required at a nominal fee. Recommended background: AH 111. *UIC GE Creative Arts course, and UIC GE Past course*.

AH 260. European Art from 1750 to 1900. 3 hours.
Painting and sculpture in Western Europe from Neo-Classicism through early Modernism. Course Information: Prerequisite(s): 3 hours of art history at the 100-level or consent of the instructor. *UIC GE Creative Arts course*.

AH 261. European and American Art from 1900 to the Present. 3 hours.
The art of Western Europe and the United States from high Modernism and the historic avant-garde movements through post-modernism and the new media arts. Course Information: Prerequisite(s): 3 hours of art history at the 100-level or consent of the instructor. *UIC GE Creative Arts course*.

AH 262. American Art to 1945. 3 hours.
The visual arts in the United States from the colonial period through 1945. Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course*.

AH 263. Latin American Colonial Art. 3 hours.
A survey of Latin American art and architecture from European contact to independence. Course Information: Same as LALS 263. Prerequisite(s): Three hours of art history at the 100 level, or consent of the instructor. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 264. African American Art. 3 hours.
Interdisciplinary survey of the artistic production of African American artists from the nineteenth century to the present. Course Information: Same as BLST 264. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 265. History of Performance Art 1900 - Present. 3 hours.
Exploration of the ways selected examples of performance art made since 1900 articulate responses to the conditions governing life in the places they were made (including Europe, U.S., Russia, Brazil, and Japan.) Course Information: Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. Recommended background: AH 160 and AH 260. *UIC GE Creative Arts course*.

AH 266. Topics in the Global Visual Environment. 3 hours.
Selected topics in the globalized visual environment, including urbanism and architecture, art, designed object, and landscapes. Course Information: May be repeated if topics vary. Students may register for more than one section per term. Recommended background: 3 hours of Art History at the 100-level.

AH 270. African Art. 3 hours.
Survey of the arts of the major tribal cultures of Sub-Saharan Africa. Course Information: Same as AAST 270. Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 271. Native American Art. 3 hours.
Survey of the arts of the indigenous peoples of the United States and Canada. Course Information: Same as NAST 271. Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 273. Visual Culture of the Ancient Andes. 3 hours.
A survey of the visual expressions, material culture, and built environment of ancient Andean civilization, from the earliest manifestations of societal complexity through the Spanish Conquest, with particular attention to the environmental, ideologi. Course Information: Same as LALS 239. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 274. Visual Culture of Ancient Mesoamerica. 3 hours.
A survey of the visual expressions, material culture, and built environment of ancient Mesoamerican civilization, from the earliest manifestations of societal complexity through the Spanish Conquest, with particular attention to the environmental, id. Course Information: Same as LALS 240. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 275. South Asian Visual Cultures. 3 hours.
Art and architectural traditions of South Asia, contextualizing their uses and meaning within Hindu, Buddhist, Islamic, and contemporary communities of India, Pakistan, and Bangladesh. Course Information: Prerequisite(s): 3 hours of Art History at the 100-level or consent of the instructor. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

AH 276. Topics in the Indigenous Art and Architecture of the Americas. 3 hours.
Selected topics in the art, architecture, and visual culture of the native peoples of North, Central and South America and the Caribbean. Course Information: May be repeated if topics vary. Students may register for more than one section per term. Prerequisite(s): 3 hours of Art History at the 100-level or consent of the instructor. Recommended background: AH 273 or AH 274.

AH 278. Topics in the Art, Architecture and Visual Culture of Asia. 3 hours.
Selected topics in the art, architecture, and visual cultures of Asia and Asian diasporas. Course Information: Same as GLAS 278. May be repeated if topics vary. Students may register in more than one section per term.

AH 300. Topics in Architecture, Art and Design. 3 hours.
Selected topics in the history of architecture, art and design, from the ancient world to the present. Course Information: May be repeated. Students may register for more than one section per term. Prerequisite(s): Credit or concurrent registration in AH 110 and AH 111; or consent of the instructor. Recommended background: 3 hours in Art History in the general subject area.

AH 301. Theories and Methods in Art History. 3 hours.
The methodologies and theories of the discipline and their application to selected problems. Course Information: Previously listed as AH 200. Required for majors in art history. Prerequisite(s): Junior standing and major in art history, or consent of the instructor.

AH 302. Museum and Exhibition Workshop. 3 hours.
Taught as a practicum, and act as a laboratory for imaginative, justice focused approaches to the work of cultural institutions. It will be organized around the collaborative design and completion of an exhibition and/or program. Course Information: Prerequisite(s): AH 180. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

AH 303. Writing in Art History. 1 hour.
Research methodology and writing in the field of art history.

AH 304. Alexander the Great and the Hellenistic World. 3 hours.
Examines the career of Alexander the Great of Macedon and his legacy in Greece, Egypt and the Near East, up until the arrival of the Romans. Course Information: Same as CL 304. Prerequisite(s): Sophomore standing or above.

AH 322. Contemporary Architecture. 3 hours.
Worldwide trends in recent architecture, urbanism, architectural theory and criticism. Course Information: AH 110 and AH 111; or consent of the instructor.

AH 399. Collaborative Research. 1-4 hours.
Research experience under the guidance of faculty. Course Information: May be repeated. Prerequisite(s): AH 303 and AH 301; and consent of the instructor.

AH 404. Topics in Architecture, Art and Design. 3 or 4 hours.
Selected topics in the history of European and North American architecture, art and design. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s) if topics vary. Students may register in more than one section per term. Prerequisite(s): 3 hours of art history at the 200 level or consent of the instructor.

AH 407. The Power of the Image: Roman Sculpture as Propaganda. 3 or 4 hours.
Historical and thematic examination of the use of Roman sculpture, by emperors and private individuals of all social classes, as an instrument of personal and political propaganda. Course Information: Same as CL 407 and HIST 407. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): one of the following courses: AH 204, AH 205, AH 110, CL 101, CL 103, CL 203, CL 204, CL 205, HIST 203, HIST 205; or consent of the instructor.

AH 420. History of Architecture I. 4 hours.
Introduction to architecture, urbanism, and architectural theory worldwide from antiquity to 1450. Course Information: Prerequisite(s): Graduate standing.

AH 421. History of Architecture II. 4 hours.
Introduction to architecture, urbanism and architectural theory worldwide from 1450 to the present. Course Information: Prerequisite(s): Graduate standing and AH 420.

AH 422. Topics in the Literature of Architecture. 3 or 4 hours.
Discussion of selected readings in the theory and criticism of architecture. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): 3 hours in the history of architecture or consent of the instructor.

AH 423. Topics in Modern and Contemporary Architecture. 4 hours.
Selected topics in modern and contemporary architecture. Course Information: May be repeated if topics vary. Prerequisite(s): Graduate standing, and four hours in the history of architecture or consent of the instructor.

AH 424. Topics in Architecture and Urban Form in Chicago. 2-4 hours.
Topics on the development of the built environment of the Chicago and metropolitan area, and the effect on its architecture of social, political and economic forces.

AH 430. Contemporary Photography. 3 or 4 hours.
Developments in the history of photography since 1950. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): 3 hours in the history of photography or consent of the instructor.

AH 431. Photographic Theory. 3 or 4 hours.
Developments in photographic theory from its prehistory in the camera obscura and linear perspective through its heyday in the machine age up to its place in our image world today. Course Information: 3 undergraduate hours. 4 graduate hours. Recommended Background: AH 150 or any photography studio course.

AH 432. Topics in Film and Video. 3 or 4 hours.
Selected studies in genres, schools, individual artists, critics, and theorists of film and video. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Graduate standing or 3 hours in the history of film or consent of the instructor.

AH 435. Topics in Modern and Contemporary Design. 3 or 4 hours.
Topics in modern and contemporary design. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): 3 hours in the history of design or consent of the instructor.

AH 441. Topics in Medieval Art and Architecture. 3 or 4 hours.
Selected topics in European art and architecture of the Middle Ages. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): 3 hours of medieval art and architecture or consent of the instructor.

AH 449. Women and Film. 3 or 4 hours.
Roles and representations of women in classical Hollywood, European art and independent feminist cinemas. Course Information: Same as ENGL 449 and GWS 449. 3 undergraduate hours. 4 graduate hours. Previously listed as AH 434. Recommended background: Any of ENGL 330, 344, 345, or 347. Junior standing or above.

AH 450. Topics in Renaissance Art. 3 or 4 hours.
Selected topics in Early Renaissance, High Renaissance, or Mannerist Art and Architecture. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): 3 hours in art history at the 200 level or above, or consent of the instructor.

AH 455. Topics in Early Modern Art. 3 or 4 hours.
Selected topics in early modern art. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): consent of the instructor. Recommended background: A 200-level and/or 300-level AH course or above is recommended.

AH 460. Topics in Modern and Contemporary Art. 3 or 4 hours.
Selected topics in nineteenth- and twentieth-century modern and contemporary art. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): 3 hours of modern art and architecture or consent of the instructor.

AH 463. Topics in North American Art and Architecture. 3 or 4 hours.
Selected topics in North American art and architecture from colonial times to 1945. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): 3 hours of North American art and architecture or consent of the instructor.

AH 464. Topics on Art in Chicago. 2-4 hours.
Topics on the survey of art in Chicago, from the nineteenth century to the present, with an emphasis on contemporary Chicago art expressions.

AH 465. Arts of the Black Atlantic. 3 or 4 hours.
Interdisciplinary and discursive explorations of the visual and artistic expressions of artists of African descent in the New World. Course Information: 3 undergraduate hours. 4 graduate hours.

AH 466. Material Worlds: Topics in Material Culture Studies. 3 or 4 hours.
Examines current theories of material culture, drawn from art history, archaeology and anthropology to reflect on technologies of production and social life of things. Case studies will be drawn from ancient, medieval and modern historical context. Course Information: Same as ANTH 466 and CL 466. 3 undergraduate hours. 4 graduate hours.

AH 468. History of Mexican Painting: from Teotihuacan to Frida Kahlo. 3 or 4 hours.
Overview of the history of Mexican painting from Mesoamerica to modern times. This class will answer a set of thematic questions regarding the exclusory practices of painting within and outside of the hegemonic artistic discourses. Course Information: 3 undergraduate hours; 4 graduate hours.

AH 470. Topics in Indigenous American Art, Architecture, and Visual Culture. 3 or 4 hours.
Selected topics in the art, architecture and visual culture of the indigenous Americas. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Students may register for more than one section per term. Recommended Background: 3 hours of Art History (undergraduates); Graduate standing (graduates).

AH 471. Topics in Asian Art and Architecture. 3 or 4 hours.
Selected topics in the art and architecture of Asia. Course Information: Same as GLAS 471. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): 3 hours of Asian art and/or architecture or consent of the instructor.

AH 480. Collecting Art and Building the Art Museum. 3 or 4 hours.
The history of art collections and of art museums: public, academic, and private collections of art, and the architectural development of art museums. Formation of the earliest collections of art, and history of American collectors. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): AH 110 and AH 111 or consent of the instructor.

AH 481. Museum Practices. 3 or 4 hours.
Administration of visual arts organizations, their budgets, staffing, structures, accreditation, and long-range planning. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): AH 480 or consent of the instructor.

AH 482. Museology Internship. 6 or 8 hours.
Practical supervised experience in institutions serving the visual arts. Placements in museums, community art centers, college, commercial, or non-traditional galleries, and public agencies. Course Information: Prerequisite(s): AH 481 or consent of the instructor.

AH 483. Internship. 1-4 hours.
Introduction to professional practice offering students the opportunity to couple academic learning with professional experience in an off-campus placement. Course Information: Satisfactory/Unsatisfactory only. May be repeated. Field work required. Prerequisite(s): Consent of the instructor.

AH 484. Careers in the Arts. 3 or 4 hours.
Through guest lectures by Chicago-area professionals and field trips to local institutions, this seminar will introduce a range of careers in the arts along with the skills and training required to undertake such jobs. Course information: Field trip required at a nominal fee.

AH 485. Introduction to Historic Preservation. 3 or 4 hours.
Preservation planning, historic building restoration, and the political and economic factors affecting the conservation of historic resources. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of art history at the 200 level or consent of the instructor.

AH 490. Honors Thesis. 3 hours.
Individual study on a project selected with the approval of the adviser. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to seniors.

AH 491. Study Abroad in Art History. 0-12 hours.
Study abroad within an approved foreign exchange program or department-sponsored program. Course Information: May be repeated with approval. Approval to repeat course granted by the department. Prerequisite(s): Approval of the department.

AH 492. Readings in Art and Architecture History. 1-4 hours.
Individually planned readings on selected topics under the supervision of a faculty member. Course Information: 1 to 3 undergraduate hours. 2 to 4 graduate hours. May be repeated to a maximum of 9 hours for undergraduate students or 12 hours for graduate students. Students may register in more than one section per term. Prerequisite(s): Junior standing and 3 hours of Art History above the 100 level and consent of the instructor. Enrollment priority will be given to majors and graduate students in Art History.

Biochemistry and Molecular Genetics (BCMG)

Courses

BCMG 307. Fundamentals of Biochemistry. 3 hours.
Includes the chemistry of cellular constituents, enzymology, metabolism, and intracellular control and elements of molecular biology. Course Information: Prerequisite(s): General and organic chemistry. Lecture course intended primarily for advanced undergraduate students in associated health sciences.

BCMG 399. Undergraduate Laboratory Research. 1-4 hours.
Laboratory research for advanced undergraduates. Course Information: Animals used in instruction. Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Junior standing or above and consent of the instructor.

BCMG 411. Introduction to Biological Chemistry. 4 hours.
Includes chemistry of cellular constituents; enzymology; metabolism of sugars, proteins, lipids, and nucleic acids; and regulation of metabolism. Course Information: Prerequisite(s): Organic chemistry. Lecture course designed primarily for students in the College of Dentistry. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Lecture.

Biological Sciences (BIOS)

Courses

BIOS 102. Biological Sciences First-Year Seminar. 1 hour.
Seminar course designed to introduce first-year students in the Biological Sciences major to departmental resources and opportunities that will promote student success. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to freshmen.

BIOS 104. Biology for Non-majors. 4 hours.
Origin and diversity of life; genetics, evolution, ecology and ecosystems; energy flow; photosynthesis; human anatomy and physiology; development of biological ideas; and biology, biotechnology and human society. Course Information: Credit is not given for BIOS 104 if the student has credit in BIOS 100 or BIOS 101 or BIOS 110 or BIOS 120. Animals may be used in instruction. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture. *IAI GECC Life Sci-w/Lab course, and UIC GE Natural World Lab course*.

BIOS 110. Biology of Cells and Organisms. 4 hours.
Introductory biology at the molecular, cellular, and organismal level. Topics include: Scientific skills, biological chemistry, cell structure and function, metabolism, cell division, molecular genetics, diversity, anatomy and physiology. Course Information: Previously listed as BIOS 100. Animals used in instruction. THIS COURSE IS INTENDED FOR SCIENCE MAJORS. BIOS 110 and BIOS 120 may be taken in any order. Credit is not given for BIOS 110 if the student has credit in BIOS 100. Credit is not given for BIOS 104 if the student has credit in BIOS 100, BIOS 101, BIOS 110 or BIOS 120. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory-Discussion. *IAI Major BIO course, and IAI GECC Life Sci-w/ Lab course, and UIC GE Natural World Lab course*.

BIOS 112. Program Design I in the Context of Biological Problems. 3 hours.
Introduction to programming using Biology as the context for programming in a high-level language; control structures, variables, simple and aggregate data types; problem-solving techniques; biology topics include central dogma and genetics. Course Information: Same as CS 112. Credit is not given for BIOS 112 if the student has credit in CS 107 or CS 109 or CS 111 or CS 113 or MCS 160 or MCS 260. Course Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

BIOS 120. Biology of Populations and Communities. 4 hours.
Introductory biology at the level of populations and communities. Topics include: Scientific skills, evolution, Mendelian and population genetics, biological diversity, and ecological systems including ecosystem processes and human impacts. Course Information: Previously listed as BIOS 101. Animals used in instruction. This course is intended for science majors. BIOS 110 and BIOS 120 may be taken in any order. Credit is not given for BIOS 120 if the student has credit in BIOS 101. Credit is not given for BIOS 104 if the student has credit in BIOS 100, BIOS 101, BIOS 110 or BIOS 120. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion. *IAI Major BIO course, and IAI GECC Life Sci-w/Lab course, and UIC GE Natural World Lab course*.

BIOS 184. The Basics of Neuroscience. 1 hour.
Introduction to the scientific study of the brain and behavior. Overview of neuroscience as an integrative discipline. Course Information: Same as PHIL 184 and PSCH 184. Satisfactory/Unsatisfactory grading only.

BIOS 196. Biology Colloquium. 2 hours.
Combines in-class seminars with off-campus day and weekend field trips, with the goal of introducing students to different areas of the Biological Sciences, and alternate career options.Course Information: May be repeated up to 1 time(s). Field trips required at a nominal fee. Prerequisite(s): Major in biological sciences, biochemistry, or neuroscience.

BIOS 199. Introduction to Research. 1 hour.
An introduction to research for students interested in becoming biology majors. Credit is contingent on approval by the research supervisor of a written report that is also submitted to the Biology colloquium faculty adviser. Course Information: 1 hour. Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Laboratory.

BIOS 220. Genetics. 3 hours.
Principles of genetics, gene and chromosome structure, gene expression, inheritance of complex traits, Mendelian and non-Mendelian inheritance, genomes, and genetic engineering. Course Information: Prerequisite(s): BIOS 100 or BIOS 110; and BIOS 101 or BIOS 120. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Lecture.

BIOS 222. Cell Biology. 3 hours.
The physiological processes that govern cell function. Topics include enzyme kinetics, metabolism, membranes, membrane transport, electrical and chemical signaling, intracellular motors, motility, and junctions. Prerequisite(s): BIOS 100 or BIOS 110.

BIOS 230. Evolution and Ecology. 3 hours.
Molecular and ecological basis of evolutionary change through adaptation or natural selection to explain diversity of species, behaviors, populations, communities and ecosystems and how these interactions are affected by the changing environment. Prerequisite(s): BIOS 101 or BIOS 120.

BIOS 236. Animal Behavior. 3 hours.
Examine the proximate and ultimate causes of animal behavior; neural and hormonal mechanisms; diversity of behavior and their relationship to an organism's ecology and evolution. Course Information: Prerequisite(s): BIOS 101 or BIOS 120.

BIOS 237. The Human Skeleton. 4 hours.
Examination of the human skeleton, emphasizing bone identification and functional anatomy. Course Information: Same as ANTH 237. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

BIOS 250. Microbiology and Application to Health. 3 hours.
Introduction to microbial growth and metabolism, disease pathogenicity and control, epidemiology and human infections. Course Information: Credit for BIOS 250 is not given if the student has credit in BIOS 350. Intended for pre-nursing students and should not be taken by those who need BIOS 350. Prerequisite(s): BIOS 100 or BIOS 110; and Credit in CHEM 115 or Credit or concurrent registration in CHEM 130 or CHEM 230 or CHEM 232. Recommended background: BIOS 101 or BIOS 120.

BIOS 272. Comparative Vertebrate Anatomy. 4 hours.
Comparative vertebrate anatomy through the analysis of varying morphological features of hard and soft tissues. Course Information: Animals used in instruction. Prerequisite(s): BIOS 100 or BIOS 110; and BIOS 101 or BIOS 120. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

BIOS 286. The Biology of the Brain. 3 hours.
Survey of basic neurobiology. Brain structure, chemistry, development and control of behavior (sensation, movement, emotions, memory, cognition, sex). Course Information: Prerequisite(s): BIOS 100 or BIOS 110.

BIOS 294. Special Topics in Biological Sciences. 1-5 hours.
Selected topics in the Biological Sciences. Course Information: May be repeated. Students may register for more than one section per term.

BIOS 296. Directed Instruction. 2 hours.
Leadership opportunity for upper-division students who wish to assist with the biology colloquium.Course Information: May be repeated to a maximum of 4 hours. Field trips required at a nominal fee. Students will be required to submit a final report describing their leadership activities and experiences. Prerequisite(s): BIOS 196 and approval of the department. To be properly registered, students must enroll in one Lecture-Discusssion and one Practice.

BIOS 299. Honors Biology. 1 hour.
An additional hour of related work for students registered in another course in Biological Sciences. Course Information: May be repeated. Prerequisite(s): Membership in Honors College, or, for superior students, approval of the department; and registration in a Biological Sciences course (except BIOS 391 or BIOS 399) and consent of the instructor. Open only to freshmen, sophomores, and juniors. *Honors course*.

BIOS 305. Plant Evolutionary Ecology. 3 hours.
Fundamental aspects of plant structure and function, plant-environment interactions, and how they shape biodiversity, with an emphasis on their evolutionary context. Prerequisite(s): BIOS 230.

BIOS 310. Genetics Laboratory. 2 hours.
Advanced laboratory techniques in gene inheritance, expression and regulation using genetic engineering, molecular biology and bioinformatic and statistical analysis to study Mendelian, microbial, molecular, human and population genetics. Course Information: Previously listed as BIOS 221. Animals used in instruction. Credit is not given for BIOS 310 if student has credit in BIOS 221. Prerequisite(s): Credit or concurrent registration in BIOS 220.

BIOS 312. Cell Biology Laboratory. 2 hours.
Laboratory training in advanced cell biology methods used in research and clinical settings. Microscopy, protein extraction and quantification, immunoassays, cell culture, experimental design, data analysis and scientific writing are emphasized. Course Information: Previously listed as BIOS 223. Credit is not given for BIOS 312 if the student has credit in BIOS 223. Prerequisite(s): Credit or concurrent credit in BIOS 222.

BIOS 320. Developmental Biology. 3 hours.
Principles governing growth and differentiation from the molecular to the organismic level. Course Information: Prerequisite(s): BIOS 220.

BIOS 321. Developmental Biology Laboratory. 3 hours.
Laboratory problems in developmental biology. Course Information: Animals used in instruction. Prerequisite(s): Credit or concurrent registration in BIOS 320.

BIOS 323. Molecular Biology Laboratory. 3 hours.
Modern molecular biology techniques used in the isolation and functional analysis of genes. Bioinformatics, gene cloning, gene fusions and expression assays will be used in the analysis of the gene isolation and analysis. Course Information: Prerequisite(s): BIOS 220.

BIOS 325. Human Embryology. 3 hours.
Major events in human development between fertilization and birth. The developmental origins of adult body structure and function, normal anatomical variations, and congenital malformations. Course Information: Prerequisite(s): BIOS 100 or BIOS 110.

BIOS 326. Embryology Laboratory. 1 hour.
Examination of histological sections of mammalian embryos. Identification of cells and tissues from their microscopic appearance, reading serial sections. Prerequisite(s): Credit or concurrent registration in BIOS 325.

BIOS 331. General Ecology Laboratory. 3 hours.
Field and laboratory data collection for hypothesis testing; required field trips to representative plant communities. Course Information: Animals used in instruction. Required field trips on Saturdays. Prerequisite(s): BIOS 101 or BIOS 120. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Practice.

BIOS 333. Visualizing Biological Data. 3 hours.
Data visualization and graphing principles and techniques in the Biological Sciences, including ethical data communication and data visualizations for both scientific and non-scientific audiences. Course Information: Extensive computer use required. Prerequisite(s): BIOS 110; and BIOS 220 or BIOS 222 or BIOS 230. Recommended background: STAT 100 or STAT 130.

BIOS 336. Animal Behavior Laboratory. 3 hours.
Field and laboratory data collection for hypothesis testing in animal behavior. Course Information: Animals used in instruction. Field trip required at a nominal fee. Field work required. Prerequisite(s): Credit or concurrent registration in BIOS 236.

BIOS 340. Environmental Physiology. 3 hours.
The performance of an organism or group of organisms in the context of their natural environment and their evolutionary background. The organism as an integrated system rather than a collection of cellular or organ processes. Course Information: Prerequisite(s): BIOS 100 or BIOS 110; and BIOS 101 or BIOS 120.

BIOS 343. Animal Physiological Systems. 3 hours.
How the human body works including digestive, neuromuscular, sensory, respiratory, excretory, endocrine and cardiovascular systems using examples across animal species and human case studies. Course Information: Previously listed as BIOS 240. Credit is not given for BIOS 343 if student has credit in BIOS 240. Prerequisite(s): BIOS 100 or BIOS 110. Recommended background: BIOS 222.

BIOS 350. General Microbiology. 3 hours.
An introduction to the morphology, staining, genetics, physiology, and biochemistry of microbial life with special emphasis on prokaryotic structure, function, diversity, and importance to human beings. Course Information: Prerequisite(s): BIOS 100 or BIOS 110; and Credit for CHEM 115 or Credit or concurrent registration in CHEM 130 or CHEM 230 or CHEM 232. Recommended background: BIOS 101 or BIOS 120.

BIOS 351. Microbiology Laboratory. 2 hours.
Laboratory experience with aseptic and pure culture techniques; staining and microscopy of microorganisms; identification of unknown bacteria; control of microbial growth; antibiotics; medical microbiology. Prerequisite(s): Credit or concurrent registration in BIOS 250 or BIOS 350.

BIOS 352. Introductory Biochemistry. 3 hours.
Structure and function of cellular constituents; enzymology; metabolism of carbohydrates, lipids, amino acids, nucleotides; molecular biology of biosynthesis of proteins and nucleic acids. Course Information: Same as CHEM 352. No credit given for BIOS 352 if student has credit in BIOS 452 or BIOS 454 or CHEM 452 or CHEM 454. No credit toward the degree in biochemistry. Prerequisite(s): BIOS 100 or BIOS 110; and BIOS 101 or BIOS 120; and CHEM 230 or CHEM 232.

BIOS 355. Immunology. 3 hours.
Innate and adaptive immune responses. Humoral immune responses, cell mediated responses, hypersensitivity, autoimmunity, cancer, and immunodeficiency. Course Information: Prerequisite(s): BIOS 222. Recommended background: BIOS 350 or BIOS 250.

BIOS 360. Introduction to Paleontology. 4 hours.
The morphology, ecology, and relationships of fossil organisms. Basic principles of paleontology, including evolution, paleoecology and functional morphology. Course Information: Same as EAES 360. Field trip required at a nominal fee. One day field trip to collect fossils. Prerequisite(s): EAES 101 or EAES 111; or BIOS 110 and BIOS 120. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

BIOS 365. Human Ecological Systems. 3 hours.
Human-environmental interactions and feedbacks (positive and negative) and the ecological basis for health and sustainability of human-dominated landscapes. Case studies of real-world environmental issues. Course Information: Prerequisite(s): BIOS 101 or BIOS 120 or EAES 101 or PSCH 100 or SOC 100; or consent of the instructor.

BIOS 386. Seminar on Neurobiology. 2 hours.
Reading and discussion of both classic and recent research papers that are important in neurobiology. Course Information: Prerequisite(s): BIOS 286 or PSCH 262.

BIOS 391. Independent Study. 1 hour.
Individual study not covered in standard courses under close supervision of a faculty member. Credit is contingent on approval by research supervisor of a written report that is submitted to the department. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. A maximum of 5 hours of BIOS 391 and/or BIOS 399 may be credited toward the department undergraduate major requirements. Prerequisite(s): Minimum of 2.00 grade point average in biological sciences courses and consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

BIOS 399. Independent Research. 2 hours.
Individual research. Credit is contingent on approval by the research supervisor of a written report that is submitted to the department. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. A maximum of 5 hours of BIOS 391 and/or BIOS 399 may be credited toward the department undergraduate major requirements. Prerequisite(s): Minimum of 2.00 grade point average in biological sciences courses, approval of the department, and consent of the instructor. Recommended background: Junior standing. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

BIOS 416. Natural Products. 3 or 4 hours.
Biogenetic approach to secondary metabolites. General principles and selected studies of phenolic compounds, terpenes, alkaloids, and other interesting natural products. Course Information: Same as CHEM 456. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): One year of organic chemistry.

BIOS 420. Genomics. 3 hours.
Theoretical background in genomics with practical experience in obtaining and analyzing large scale Next Generation Sequencing (NGS) datasets using high capacity computational resources. Course Information: Extensive computer use required. Prerequisite(s): BIOS 220; or consent of the instructor. Recommended background: STAT 101 or STAT 130 or BIOS 112.

BIOS 427. Ecosystem Ecology. 3 or 4 hours.
Flow of energy and matter between the environment and biological organisms including bioological interactions that govern the cycling of water, carbon and nutrients at various spatial and temporal scales. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): BIOS 230.

BIOS 430. Evolution. 4 hours.
Empirical evolutionary data and theory, with an intro to data science, modeling, simulations in R programming language; it covers the history of evolution, population genetics, the species problem, biodiversity, macroevolution. Course Information: Extensive computer use required. Prerequisite(s): BIOS 120 and either BIOS 220 or consent of the instructor. Recommended background: BIOS 230. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

BIOS 431. Plant and Animal Interactions. 3 hours.
Ecology of plant and animal interactions. In-depth reading and discussion of primary literature on herbivory and plant defense and pollination, seed dispersal and protection mutualisms. Course Information: Prerequisite(s): BIOS 230.

BIOS 435. Plant Evolution. 3 hours.
Examines the history of plant life in a rigorous survey of plant genetics, factors that influence diversity of form and function, the astonishing diversity of plant sexual systems, and conservation. Course Information: Prerequisite(s): BIOS 230.

BIOS 437. Topics in Tropical Ecology. 3 hours.
Introduction to the character of tropical ecosystems. In-depth reading and discussion of one or more current topics. Course Information: Prerequisite(s): BIOS 230.

BIOS 443. Animal Physiological Systems Laboratory. 3 hours.
Discussion and laboratory exploration of mammalian physiological systems, including immune, endocrine, cardiac, vascular, nervous, pulmonary, renal, and digestive systems. Course Information: Animals used in instruction. Prerequisite(s): Credit or concurrent registration in BIOS 343; or Credit or concurrent registration in BIOS 340; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture, one Laboratory, and one Lecture-Discussion.

BIOS 446. Evolution and Human Disease. 3 hours.
Pathogen evolution, transmission of infectious disease, host response to pathogens, drug resistance in pathogens, and cancer progression/ treatment are examined in light of natural selection, phylogenetics, coevolution, and population genetics. Course Information: Prerequisite(s): BIOS 230. Recommended background: BIOS 220.

BIOS 450. Advanced Microbiology. 3 hours.
Comprehensive analysis of metabolic, ecological, genomic, and functional diversity among the major groups of microorganisms. Relationship between microbial diversity and biogeochemistry in the environment, human/animal hosts, and engineered systems. Course Information: Prerequisite(s): BIOS 350.

BIOS 452. Biochemistry I. 4 hours.
Chemistry of proteins, nucleic acids, carbohydrates and lipids. Course Information: Same as CHEM 452. Prerequisite(s): Grade of C or better in CHEM 230; or Credit or concurrent registration in CHEM 234. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

BIOS 454. Biochemistry II. 4 hours.
Continues Biological Sciences 452. Carbohydrate and lipid metabolism, electron transport. Metabolism of amino acids, nucleic acids, proteins. Biosynthesis of macromolecules and regulation of macromolecular synthesis. Course Information: Same as CHEM 454. Prerequisite(s): BIOS 452 or CHEM 452. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

BIOS 455. Introduction to Landscape Ecology. 3 hours.
Uses a combination of lectures, discussions, and hands-on activities to introduce the concepts and methods of landscape ecology. We will discuss how landscape ecology can be applied to solving current environmental problems. Course Information: Extensive computer use required. Prerequisite(s): BIOS 230; or BIOS 331.

BIOS 458. Biotechnology and Drug Discovery. 3 or 4 hours.
Molecular and gene therapy, using small molecules including antisense, aptamers, and proteins. Structure-based drug design. Structural bioinformatics and drug discovery program. High-throughput screening. Combinatorial chemistry technology. Course Information: Same as CHEM 458. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): BIOS 352 or CHEM 352; or Credit or concurrent registration in BIOS 452 or Credit or concurrent registration in CHEM 452; or consent of the instructor.

BIOS 460. Molecular Biophysics of the Cell. 4 hours.
Introduction to force, time energies at nanometer scales; Boltzmann distribution; hydrodynamic drag; Brownian motions; DNA, RNA protein structure and function; sedimentation; chemical kinetics; general aspects of flexible polymers. Course Information: Same BME 450 and PHYS 450. Prerequisite(s): Grade of C or better in PHYS 245 or Grade of C or better in PHYS 260 or the equivalent; or approval of the department.

BIOS 466. Principles of Paleontology. 3 hours.
Theory and methods of evolutionary paleobiology; includes paleoecology, functional morphology, and major features of organic evolution. Course Information: Same as EAES 466. Prerequisite(s): EAES 360 or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

BIOS 472. Molecular Genetics Epigenetics. 3 hours.
All life contains genetic material that determines its nature and ability to survive and reproduce. Examination of basic molecular genetics and epigenetic mechanisms from prokaryotes and eukaryotes, emphasizing human/mammalian systems. Course Information: Prerequisite(s): BIOS 220.

BIOS 473. Soils and the Environment. 4 hours.
Soil science, emphasizing local soils and parent materials, soil classification and mapping, soil physics, soil gases and greenhouse gas emissions, soil chemistry and biogeochemistry, soil-plant interactions, and soil invertebrates. Course Information: Same as EAES 473. Field work required. Recommended background: Introductory courses in Chemistry and Biology. Coursework in EAES (such as EAES 101 and/or EAES 111) is preferred.

BIOS 475. Neural Engineering I: Introduction to Hybrid Neural Systems. 3 or 4 hours.
Modeling and design of functional neural interfaces for in vivo and in vitro applications, electrodes and molecular coatings, neural prostheses and biopotential control of robotics. Course Information: Same as BME 475. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): BIOE 472 or BME 472.

BIOS 480. Introduction to Modern Biostatistics with R. 3 hours.
An in-depth intro to research design, data visualization, and modern univariate statistics, from basic linear model to generalized linear models and linear mixed-effects models. Course Information: Extensive computer use required. All work done in the open-source R statistical computing language. Prerequisite(s): MATH 170 or MATH 180 or STAT 130. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

BIOS 482. Molecular and Developmental Neurobiology Laboratory. 3 hours.
A hands-on laboratory course designed to explore the most recent neurotechniques and how they are being used to advance knowledge of the brain. Model organism use will be restricted to small invertebrates (C. elegans). Course Information: Prerequisite(s): BIOS 286; or PSCH 262.

BIOS 483. Neuroanatomy. 4 hours.
Organization of the nervous system, with an emphasis on mammals. Course Information: Same as PSCH 483 and NEUS 483. Animals used in instruction. Prerequisite(s): BIOS 286 or PSCH 262 or BIOS 325 or BIOS 272; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

BIOS 484. Neuroscience I. 3 hours.
Neuroscience as an integrative discipline. Neuroanatomy of vertebrates, neural development, cellular neurobiology, action potential mechanisms, synaptic transmission and neuropharmacology. Course Information: Same as PHIL 484 and PSCH 484. Prerequisite(s): BIOS 286 or PSCH 262.

BIOS 485. Neuroscience II. 3 hours.
Integrative neuroscience, including sensory and motor systems; learning, memory, and language; pathology of nervous systems; philosophical perspectives, and modeling. Course Information: Same as PHIL 485 and PSCH 485. Prerequisite(s): BIOS 286 or PSCH 262.

BIOS 486. Animal Behavior and Neuroethology. 4 hours.
Neural and behavioral mechanisms of environmental information processing and interaction throughout the animal kingdom. Laboratory emphasizing a research project with journal style lab report, essay on assigned topic, occasional field trips required. Course Information: Animals used in instruction. Prerequisite(s): One course in neuroscience, animal physiology, or animal behavior. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

BIOS 489. Cellular Neurobiology Laboratory. 3 hours.
Recording from and analyzing the activity of nerve cells, neuronal networks, and other electrically excitable tissues. Course Information: Prerequisite(s): BIOS 286 or the equivalent.

BIOS 490. Topics Biological Sciences. 3 or 4 hours.
In-depth analysis of advanced topics in molecular, cellular, biomedical, ecology and evolution and neuroscience involving reading primary literature, term paper, student presentations and critical discussion. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): BIOS 230; or BIOS 220; or BIOS 222; or Graduate standing; or consent of the instructor.

Biomedical and Health Information Sciences (BHIS)

Courses

BHIS 399. Undergraduate Research Experience in Health Informatics. 1-3 hours.
An introduction of Biomedical and Health Informatics research to undergraduate students under the guidance of a Health Informatics faculty research advisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Offered on-campus only (not online). Prerequisite(s): Open only to sophomores, juniors, and seniors; and consent of the instructor. Minimum GPA 3.0.

BHIS 405. Medical Sciences and Human Pathophysiology. 3 hours.
Introduction of fundamental concepts in pathophysiology. Specific disorders of major organ systems including etiology, manifestations, diagnostic tests, treatment modalities, pharmacotherapy and complications. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught fully online. Students must have an active UIC NetID with valid password and access to a computer and the Internet. Prerequisite(s): Grade of C or better in KN 251 and Grade of C or better in KN 252; or Grade of C or better in KN 253 and Grade of C or better in KN 254; or consent of the instructor.

BHIS 406. Medical Terminology for Health Information Management. 2 hours.
An Introduction to medical terminology and pharmacology, necessary to understanding the use of clinical vocabularies and classification systems in health information systems. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught fully online. Students must have an active UIC NetID with valid password and access to a computer and the Internet. Restricted to students in the Department of Biomedical and Health Information Sciences or consent of the Instructor.

BHIS 410. Health Data Structures and Management. 4 hours.
Explores clinical data structures, EHRs, and governance with emphasis on security, compliance, and intrapreneurial problem-solving through project-based learning and system tools. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): BHIS 460 and BHIS 461 and HIM 365.

BHIS 428. Consumer Health: Engaging Patients Through Technology. 3 hours.
Provides an opportunity to apply patient engagement frameworks through mixed method assessment of health information accessed using health information technology. Course Information: Extensive computer use required. Extensive computer use required. Course is offered over 16 weeks for undergraduate students.

BHIS 433. Principles of Evidence-Based Health Care. 2 hours.
Qualitative and quantitative assessment of human subject clinical research: locating, evaluating, comparing scientific papers as bases for health care education and practice. Course Information: Same as MHPE 433. Prerequisite(s): Graduate or professional standing and approval of the school.

BHIS 437. Health Care Data. 3 hours.
Review of data types in a health care information system. How data is transformed into information and then again transformed into knowledge through integrated computer systems. Course Information: Taught online only. A UIC netid is required. Prerequisite(s): Graduate standing or consent of the instructor.

BHIS 460. Introduction to Health Informatics. 1 hour.
Introduces information technology and systems in healthcare, including EHRs, privacy and security, informatics foundations, consumer health tools, and data analytics to support quality, safety, and population. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught fully online. Prerequisite(s): Credit or concurrent registration in HIM 410; or consent of the instructor. Recommended background: IDS 200 or the equivalent.

BHIS 461. Information Systems for Health Information Management. 3 hours.
Advanced topics in information technology and systems in health care settings; collection, analysis, and management of healthcare data; special issues for health information administrators. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): IDS 200 and credit or concurrent registration in BHIS 460. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

BHIS 480. Management and Business Practices. 3 hours.
Principles of management with emphasis on business functions, procedures, and organizational structure as applied to various health care settings including private and institutional practice. Course Information: Prerequisite(s): Advanced undergraduate or graduate standing in the Department of Biomedical and Health Information Sciences or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Lecture.

BHIS 499. Information Sources in Biomedical & Health Information Sciences. 1 hour.
Prepares students to locate, interpret and evaluate pertinent research information sources. Course Information: Meets eight weeks of the semester. Extensive computer use required. Taught fully online. Students must have an active UIC netid with valid password and access to a computer and the internet. Prerequisite(s): Junior standing or above required; or consent of the instructor.

Biomedical Engineering (BME)

Courses

BME 101. Introduction to Biomedical Engineering. 3 hours.
Principles, practice, and the role of biomedical engineers in science, engineering, and commercialization of medical products. Professional ethics, career paths, introduction to graphical design tools and instrumentation. Course Information: Credit is not given for BME 101 if the student has credit in BIOE 101. Previously listed as BIOE 101.

BME 102. Biomedical Engineering Freshman Seminar. 1 hour.
Exposure to biomedical engineering research through attendance of graduate student seminars followed by faculty-mediated discussion. Writing seminar summaries, student shadowing, articulating long-term goals, and planning an academic trajectory. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as BIOE 102. Restricted to first year Biomedical Engineering students (freshmen or transfer students).

BME 194. Special Topics in Biomedical Engineering I. 1-5 hours.
Special topics to be arranged. Course topics aimed at first-year students. Course Information: May be repeated. Students may register in more than one section per term.

BME 205. Biomedical Engineering Thermodynamics. 3 hours.
Introduction to equilibrium and non-equilibrium thermodynamics, with emphasis on non-equilibrium (living) systems. Applications include thermodynamics of living cells and the lung, molecular energy exchange, and energy exchange in exercise. Course Information: Previously listed as BIOE 205. Credit is not given for BME 205 if the student has credit in BIOE 205 or CHE 201 or ME 205. Prerequisite(s): PHYS 141.

BME 240. Modeling Physiological Data and Systems. 3 hours.
Computational tools and techniques for models and statistics used to describe, interpret and analyze physiological data and systems. Time series, image and population data types. Course Information: Previously listed as BIOE 240. Credit is not given for BME 240 is students have credit for BIOE 240. Prerequisite(s): BIOS 110; and MATH 180; and CS 109.

BME 250. Clinical Problems in Biomedical Engineering. 3 hours.
Examination of three current problems in biomedical engineering. Student teams work with a faculty facilitator toward each solution. Problem identification, strategic planning, brainstorming, information gathering, and reporting. Course Information: Credit is not given for BME 250 if the student has credit in BIOE 250. Previously listed as BIOE 250. Prerequisite(s): Credit or concurrent registration in BIOE 101 and Credit or concurrent registration in BIOE 102; or Credit or concurrent registration in BME 101 and Credit or concurrent registration in BME 102.

BME 294. Special Topics in Biomedical Engineering II. 1-5 hours.
Special topics to be arranged. Course topics aimed at second-year students. Course Information: May be repeated. Students may register in more than one section per term.

BME 310. Biological Systems Analysis. 3 hours.
Modeling of physiological system dynamics using frequency and Laplace domain methods, as well as their computational implementation in Matlab. Measurement of physiological system dynamics. Course Information: Previously listed as BIOE 310. Credit is not given for BME 310 if the student has credit in BIOE 310 or ECE 310 or ME 312.Prerequisite(s): MATH 220 and MATH 218 or MATH 310; and BIOE 240 or BME 240.

BME 325. Biotransport. 3 hours.
Transport phenomena in biomedical engineering and living systems, specifically processes vital to the design of medical devices for artificial clinical intervention. Topics include circulatory system dynamics and modeling of physiological systems. Course Information: Previously listed as BIOE 325. Credit is not given for BME 325 if students have credit in BIOE 325. Prerequisite(s): BIOS 110 and MATH 220 and BME 205; and Credit or concurrent registration in MATH 218 or MATH 310.

BME 332. Bioinstrumentation and Measurements I. 3 hours.
Theory and application of instrumentation used for physiological and medical measurements. Characteristics of physiological variables, signal conditioning devices and transducers. Course Information: Previously listed as BIOE 430. Prerequisite(s): BIOS 110 and ECE 210; and Credit or concurrent registration in BME 310.

BME 333. Bioinstrumentation and Measurement Laboratory I. 2 hours.
Practical experience in the use of biomedical instrumentation for physiological measurements. Course Information: Previously listed as BIOE 431. Prerequisite(s): Credit or concurrent registration in BME 332.

BME 339. Biostatistics I. 3 hours.
Statistical treatment of data and model estimation treated in a framework of biological experiments, and attributes of data generated from such experiments. Experimental design is included. Course Information: Credit is not given for BME 339 if the student has credit in BIOE 339. Previously listed as BIOE 339. Extensive computer use required. Prerequisite(s): MATH 210; and BME 240. Recommended background: Excel and MATLAB.

BME 391. Biomedical Engineering Practicum. 1 hour.
Provides students with the opportunity to apply the skills and knowledge gained in previous engineering courses within a professional, working environment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 3 hours awarded toward degree requirements. Prerequisite(s): Approval of the Department.

BME 394. Special Topics in Biomedical Engineering III. 1-5 hours.
Special topics to be arranged. Course topics aimed at third-year students. Course Information: May be repeated. Students may register in more than one section per term.

BME 396. Senior Design I. 3 hours.
Design considerations for biomedical devices emphasizing traditional engineering design concepts. Course Information: Previously listed as BIOE 396. Credit is not given for BME 396 if the student has credit in BIOE 396. Prerequisite(s): Credit or concurrent registration in BME 332 and Credit or concurrent registration in BME 333 and Credit or concurrent registration in BME 339; and BME 250.

BME 397. Senior Design II. 3 hours.
Application of principles of engineering and engineering design methodology to the solution of a large scale biomedical engineering design problem. Course Information: Credit is not given for BME 397 if the student has credit in BIOE 397. Previously listed as BIOE 397. Prerequisite(s): BME 396; and BME 332 and BME 333 and BME 339.

BME 398. Undergraduate Research. 0-5 hours.
Research under the close supervision of a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

BME 399. Professional Development for Biomedical Engineers. 0 hours.
Career options, career planning, and job search skills relevant to bioengineers. Formal and informal networking, on-line resources, resume and portfolio preparation, interview skills. Special issues relevant to international students. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as BIOE 399. Prerequisite(s): Open only to juniors; or consent of the instructor.

BME 402. Medical Technology Assessment. 2 or 3 hours.
Assessment of medical technology in the context of commercialization. Objectives, competition, market share, funding, pricing, manufacturing, growth, and intellectual property; many issues unique to biomedical products. Course Information: Previously listed as BIOE 402. Prerequisite(s): BIOE 250 or BME 250; and junior standing or above.

BME 403. Quality Assurance for Medical Products. 2 or 3 hours.
Requirements for current good manufacturing practices and quality assurance in the design and manufacture of medical devices. Course Information: 2 undergraduate hours. 3 graduate hours. Previously listed as BIOE 403. Prerequisite(s): BIOE 250 or BME 250; and junior standing or above.

BME 407. Pattern Recognition I. 3 or 4 hours.
The design of automated systems for detection, recognition, classification and diagnosis. Parametric and nonparametric decision-making techniques. Applications in computerized medical and industrial image and waveform analysis. Course Information: Same as ECE 407. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 341 or BME 339 or IE 342 or STAT 381.

BME 408. Medical Product Development. 2 or 3 hours.
Bioentrepreneur course. Major stages of medical product development (investigative, feasibility, development, commercialization, maturation and growth), regulatory issues, product performance, failure mode and effect analysis, hazard analysis. Course Information: 2 undergraduate hours. 3 graduate hours. Previously listed as BIOE 408. Prerequisite(s): BIOE 250 or BME 250; and junior standing or above.

BME 410. FDA and ISO Requirements for the Development and Manufacturing of Medical Devices. 3 or 4 hours.
FDA Performance Standard for General Medical Devices for manufacturing and development engineers. Product requirement definition, design control, hazard analysis, failure mode and effect analysis, regulatory submission, product tests, ISO 9001. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 410. Prerequisite(s): BIOE 250 or BME 250; and junior standing or above.

BME 415. Biomechanics. 3 or 4 hours.
Continuum mechanics of cells, tissues and organs. Statics and force balances; stress, strain and constitutive relations; equilibrium, universal solutions and inflation; finite deformation; nonlinear problems; finite element methods. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for BME 415 if the student has credit in BIOE 415. Previously listed as BIOE 315. Prerequisite(s): BIOE 310 or BME 310.

BME 421. Biomedical Imaging. 3 or 4 hours.
Introduction to engineering and scientific principles associated with X-ray, magnetic resonance, ultrasound, computed tomographic and nuclear imaging. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 421. Credit is not given for BME 421 if the student has credit in BIOE 421. Prerequisite(s): MATH 220 and MATH 218 or MATH 310.

BME 422. Magnetic Resonance Imaging: Theory and Practice. 3 or 4 hours.
Fundamental priciples of magnetic resonance imaging (MRI) from a signal processing perspective. Focus on image acquisition, formation, and analysis. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 422. Prerequisite(s): BIOE 310 or BME 310 or ECE 310.

BME 423. Biomedical Imaging Laboratory. 2 hours.
Acquisition and processing of biomedical imaging data. Relaxation time-based magnetic resonance imaging, motion sensitive magnetic resonance imaging, computed tomography, ultrasound, nuclear medicine imaging and optical imaging. Course Information: Previously listed as BIOE 423. Extensive computer use required. Prerequisite(s): Credit or concurrent registration in BIOE 421 or BME 421.

BME 432. Bioinstrumentation and Measurements II. 3 or 4 hours.
Principles of bioinstrumentation for the assessment of physiological function and therapeutic intervention. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 432. Prerequisite(s): BME 332.

BME 433. Bioinstrumentation and Measurements II Laboratory. 1 hour.
Laboratory experiments using instruments to assess physiological function. Course Information: Previously listed as BIOE 433. Prerequisite(s): Credit or concurrent registration in BME 432.

BME 439. Biostatistics II. 4 hours.
Statistical treatment of data, model estimation, and inference are treated in a framework of biological experiments and attributes of data generated from such experiments. Course Information: Credit is not given for BME 439 if the student has credit for BSTT 400. Previously listed as BIOE 439. Extensive computer use required. Prerequisite(s): BIOE 339 or BME 339. Recommended background: Knowledge of MATLab.

BME 450. Molecular Biophysics of the Cell. 4 hours.
Introduction to force, time energies at nanometer scales; Boltzmann distribution; hydrodynamic drag; Brownian motions; DNA, RNA protein structure and function; sedimentation; chemical kinetics; general aspects of flexible polymers. Course Information: Same as BIOS 460 and PHYS 450. Prerequisite(s): Grade of C or better in PHYS 245 or Grade of C or better in PHYS 260 or the equivalent; or approval of the department.

BME 452. Biocontrol. 3 or 4 hours.
Considers the unique characteristics of physiological systems using the framework of linear systems and control theory. Static and dynamic operating characteristics, stability, and the relationship of pathology to control function. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 452. Prerequisite(s): BIOE 310 or BME 310.

BME 455. Introduction to Cell and Tissue Engineering. 3 or 4 hours.
Foundation of cell and tissue engineering covering cell technology, construct technology, and cell-substrate interactions. Emphasis in emerging trends and technologies in tissue engineering. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 455. Prerequisite(s): BIOE 460 or BME 460; and BIOS 320 or BIOS 343 or BIOS 452.

BME 456. Cell & Tissue Laboratory. 2 hours.
Includes polymer scaffold fabrication, microstamping biomolecules, cellular adhesion and proliferation assays, and immo/fluorescent tagging. Course Information: Previously listed as BIOE 456. Prerequisite(s): Credit or concurrent registration in BIOE 455 or Credit or concurrent registration in BME 455; or consent of the instructor.

BME 460. Materials in Biomedical Engineering. 3 or 4 hours.
Analysis and design considerations of problems associated with prostheses and other implanted biomedical devices. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 460. Prerequisite(s): CME 260; and BIOS 220 or BIOS 222 or BIOS 286 or BIOS 340 or PSCH 262 or CHEM 232.

BME 462. Introduction to Dental Clinical Research and Technology. 3 or 4 hours.
Dental implants, biomaterials, biomechanics, tissue engineering, oral surgery, orthodontics, endodontics, nanomedicine, simulators and ADEA certifications, digital dentistry, virtual and augmented reality. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): CME 260; or consent of the instructor.

BME 470. Biomedical Optics. 3 or 4 hours.
Physical principles and instrumentation relevant to the use of light in biomedical research. Several current and developing clinical applications are explored. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 470. Prerequisite(s): PHYS 142.

BME 471. Biomedical Optical Imaging. 3 or 4 hours.
Fundamentals of light-matter interactions, geometric optics, nonlinear optics, ultra-fast lasers, photodetectors, light microscopy, supper-resolution imaging, photoacoustic tomography, optical coherence tomography, functional optical imaging. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not give for BME 471 if the student has credit in BIOE 471. Previously listed as BIOE 471. Prerequisite(s): PHYS 142 and BIOS 110.

BME 472. Models of the Nervous System. 3 or 4 hours.
Mathematical models of neural excitation and nerve conduction, stochastic models and simulation of neuronal activity, models of neuron pools and information processing, models of specific neural networks. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for BME 472 if students have credit in BIOE 472. Previously listed as BIOE 472. Prerequisite(s): BIOE 310 or BME 310; and Credit or concurrent registration in BIOS 484.

BME 475. Neural Engineering I: Introduction to Hybrid Neural Systems. 3 or 4 hours.
Modeling and design of functional neural interfaces for in vivo and in vitro applications, electrodes and molecular coatings, neural prostheses and biopotential control of robotics. Course Information: Same as BIOS 475. 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 475. Prerequisite(s): BIOE 472 or BME 472.

BME 476. Neural Engineering I Laboratory. 2 hours.
Hands-on experience with computational and experimental models of engineered neural systems, with emphasis on neuroprostheses and biosensors. Course Information: Previously listed as BIOE 476. Animals used in instruction. Prerequisite(s): Credit or concurrent registration in BIOE 475 and BIOE 430 and BIOE 431; or Credit or concurrent registration in BME 475 and BME 332 and BME 333.

BME 479. Wearables and Nearables Technology Laboratory. 3 or 4 hours.
Practical experience in design and development of wearable and nearable devices. Acquisition and processing of sensors data. Design and development of user-friendly user interface. Course Information: Same as CS 479. 3 undergraduate hours; 4 graduate hours. Extensive computer use required. Prerequisite(s): BME 240; or CS 251; or consent of the instructor. Recommended background: ECE 210 and CS 109.

BME 480. Intro to Bioinformatics. 3 or 4 hours.
Computational analysis of genomic sequences and other high throughput data. Sequence alignment, dynamic programming, database search, protein motifs, cDNA expression array, and structural bioinformatics. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for BME 480 if the student has credit in BIOE 480. Prerequisite(s): BME 339 and MATH 218 or MATH 310; and BIOS 220 or BIOS 222 or CHEM 232; or consent of the instructor.

BME 481. Bioinformatics Laboratory. 2 hours.
Teaches students how to use bioinformatics tools, including sequence alignment methods such as Blast, Fasta, and Pfam, as well as structural bioinformatics tools, such as Rasmol and CastP. Course Information: Extensive computer use required. Previously listed as BIOE 481. Credit is not given for BME 481 if the student has credit in BIOE 481. Prerequisite(s): Credit or concurrent registration in BME 480 or Credit in BIOE 480; and senior standing or above.

BME 483. Molecular Modeling in Bioinformatics. 3 or 4 hours.
Basic structural and dynamics tools in protein structure prediction, structure comparison, function prediction, Monte Carlo and molecular dynamics simulations. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 483. Prerequisite(s): Grade of B or better in BIOE 480 or Grade of B or better in BME 480.

BME 485. Nanobiosensors. 3 or 4 hours.
Fabrication and principles of operation for nanostructures used for biological sensing and analysis. Optical and electrical properties, use of biomolecules as active sensing elements. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as BIOE 485. Prerequisite(s): BIOE 205 or BME 205; and BIOS 220 or BIOS 222 or BIOS 286 or BIOS 340 or CHEM 232 or PSCH 262; and PHYS 142.

BME 489. Human Augmentics. 3 or 4 hours.
Study of technologies for augmentation of human capabilities; human limitations; implants and wearable technologies; implants; brain-computer interfaces; exoskeletons; sensors and networks. Includes project work. Course Information: Same as CS 489. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 251; or consent of the instructor.

BME 494. Special Topics in Biomedical Engineering IV. 1-5 hours.
Special topics to be arranged. Course topics aimed at fourth-year undergraduate and graduate students. Course Information: May be repeated. Students may register in more than one section per term. Previously listed as BIOE 494.

BME 496. Undergraduate Senior Design Thesis I. 0-8 hours.
Applying engineering design methodology to a large scale biomedical engineering design problem. Technical reports and presentations, literature survey and undergraduate thesis. Course Information: May be repeated. Credit only given to non-degree students. Extensive computer use required. Previously listed as BIOE 496. Prerequisite(s): Approval of the Department.

BME 497. Undergraduate Senior Design Thesis II. 0-8 hours.
Applying engineering design methodology to a large scale biomedical engineering design problem. Technical reports and presentations, literature survey and undergraduate thesis. Course Information: Credit only give to non-degree students. Previously listed as BIOE 497. Extensive computer use required. Prerequisite(s): Approval of the Department.

Biopharmaceutical Sciences (BPS)

Courses

BPS 430. Principles of Toxicology. 2 hours.
Examines the toxic effects of drugs and chemicals on organ systems. Lectures emphasize basic principles, effects on specific organ systems, major classes of toxic chemicals, and specialized topics such as forensic and industrial toxicology. Course Information: Same as PCOL 430. Credit is not given for BPS 430 if student has credit for EOHS 457.

BPS 494. Special Topics of Current Interest in Biopharmaceutical Sciences. 1-3 hours.
Courses offered by faculty or a visiting Lecturer on a current topic of selected interest. Topics are available on an experimental basis for one offering only. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Consent of the instructor; good academic standing as defined by UIC policies.

Biostatistics (BSTT)

Courses

BSTT 400. Biostatistics I. 4 hours.
Descriptive statistics, basic probability concepts, one- and two-sample statistical inference, analysis of variance, and simple linear regression. Introduction to statistical data analysis software. Course Information: Enrollment restricted to public health students and healthcare administration students; other graduate, professional and advanced undergraduate students admitted by consent as space permits. To obtain consent, see the SPH registrar.

BSTT 401. Biostatistics II. 4 hours.
Simple and multiple linear regression, stepwise regression, multifactor analysis of variance and covariance, non-parametric methods, logistic regression, analysis of categorical data; extensive use of computer software. Course Information: Prerequisite(s): BSTT 400.

BSTT 402. Health Policy for Epidemiologists and Biostatisticians. 1 hour.
Epidemiological data and biostatistics provide the evidence to support the development and justification of policies. Public health policy interventions, factors influencing political and social environments and the evaluation of policy-making. Course Information: Same as EPID 402.

BSTT 413. Introduction to Data Analysis w/ R. 2 hours.
An introductory overview of statistical programming using R in the context of describing and analyzing public health data. Course Information: Extensive computer use required. Recommended background: BSTT 400; or IPHS 402.

BSTT 426. Python for Data Science and Large Language Models. 3 hours.
Provides a comprehensive introduction to Python programming in the context of data science and natural language processing (NLP). Students will learn essential data manipulation, visualization, and machine learning techniques. Course Information: Extensive computer use required. Prerequisite(s): No prerequisites except that some very basic understanding of programming in SAS or R or some other programming language is needed along with basic analytical knowledge. Motivation to learn programming concepts is key. Recommended background: IPHS 402 or EPID 406 or BSTT 413.

BSTT 494. Introductory Special Topics in Biostatistics. 1-4 hours.
Special topics in biostatistics. Content varies. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

Black Studies (BLST)

Courses

BLST 100. Introduction to Black Studies. 3 hours.
The Black experience, focusing on African and African American culture, the slave trade, slavery and emancipation in the Americas, 20th and 21st century social relations, and struggles for civil rights. Course Information: Previously listed as AAST 100. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE US Society course*.

BLST 101. Introduction to Black Diaspora Studies. 3 hours.
Introduction to the historical and contemporary dispersal of people from the African continent around the globe beginning in the 15th century to the present. Course Information: Previously listed as AAST 101. *UIC GE Past course, and UIC GE World Cultures course*.

BLST 103. Black Politics and Culture in the United States. 3 hours.
The shifting relationship between black politics and black cultural forms across various historical periods. Course Information: Same as POLS 112. Previously listed AAST 103. *UIC GE Individual and Society course, and UIC GE US Society course*.

BLST 104. Race, Place, and Schooling: Black Americans and Education. 3 hours.
Examination of the social, political, cultural, and economic factors shaping Black Americans' educational experiences in the United States histprically and currently. Course Information: Same as EDPS 104. Previously listed as AAST 104. *UIC GE Individual and Society course, and UIC GE US Society course*.

BLST 105. Black Film, 1900 - Present: Images, Individuals and Ideas on Screen. 3 hours.
Examination of the history of black people in film – looking both at films by black people in the United States and the diaspora, and at the relationship between black filmmakers, performers, and audiences to national and global film industries. Course Information: Same as COMM 105 and MOVI 105. Previously listed as AAST 105. *UIC GE Creative Arts course, and UIC GE US Society course*.

BLST 110. Introduction to African American Literature, 1760-1910. 3 hours.
Comprehensive survey, 1760-1910, from earliest folk roots to formal literary tradition. Course Information: Same as ENGL 118. Previously listed as AAST 110. *UIC GE Creative Arts course, and UIC GE US Society course*.

BLST 111. Introduction to African American Literature Since 1910. 3 hours.
Comprehensive survey of African American literature from 1910 to the present. Course Information: Same as ENGL 119. Previously listed as AAST 111. *UIC GE Creative Arts course, and UIC GE US Society course*.

BLST 125. Black Religious Traditions. 3 hours.
Introduction to the religious history of black people in the United States and the diaspora. Examination of religious institutions, the role of religion in black social and political movements, mass rebellions, and revolts. Course Information: Same as RELS 125. Previously listed as AAST 125. *UIC GE Past course, and UIC GE US Society course*.

BLST 191. African and Caribbean Francophone Literature in Translation. 3 hours.
An introduction to the Francophone literature of Africa and the Caribbean and to its historical and cultural contexts. Course Information: Same as FR 191. Previously listed as AAST 191. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

BLST 206. Black Studies and the Production of Knowledge. 3 hours.
Students will explore the history and implications of research in a wide range of fields and gain an introduction to anti-racist, decolonial, and feminist approaches to knowledge production. Course Information: Previously listed as AAST 206. Prerequisite(s): Three credit hours in Black Studies; or consent of the instructor.

BLST 207. Racism: Global Perspectives. 3 hours.
An introduction to global, transnational, and comparative perspectives on racism. Analysis of race and racism not only in the United States, but also in Africa, the Middle East, Latin America, Europe, and other contexts. Course Information: Same as SOC 207. Previously listed as AAST 207. Prerequisite(s): ENGL 160 or ENGL 161. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

BLST 210. Ancient Egyptian Art and Archaeology. 3 hours.
Introduction to the art, architecture, archaeology and material culture of ancient societies in Egypt from prehistory to the end of the Ptolemaic Dynasty (ca 6000-30 BCE). Course Information: Same as AH 210 and CL 210. Credit is not given for BLST 210 if the student has credit in ARST 210 or AH 210 or CL 210. Previously listed as AAST 210. Prerequisite(s): Completion of the English Composition requirement; and sophomore standing or above. Recommended background: Credit in AH 100 or AH 110. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Lecture-Discussion. *UIC GE Creative Arts course, and UIC GE Past course*.

BLST 221. The Atlantic Slave Trade: Violence, Exploitation, Resistance. 3 hours.
Thematic social, cultural and economic history tracing rise and fall of Atlantic slave trade from African supply systems to New world consumption 1550-1880 with focus on slave experiences. Course Information: Same as HIST 221. Previously listed as AAST 221. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

BLST 225. Racial and Ethnic Groups. 3 hours.
Sociological and social-psychological analysis of racial, religious, and other ethnic groups; consideration of historical and current social problems arising from their relationships in society. Course Information: Same as LALS 225 and SOC 225. Previously listed as AAST 225. Prerequisite(s): SOC 100; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE US Society course*.

BLST 229. Black Diaspora Studies. 3 hours.
Interdisciplinary, in-depth study of the making of the African Diaspora--the forced and voluntary movement of African peoples around the globe. Topics may vary. Course Information: Same as HIST 229. May be repeated to a maximum of 9 hours. Previously listed as AAST 229. Prerequisite(s): BLST 100; or BLST 101.

BLST 241. Precolonial Africa in World History. 3 hours.
The history of African societies in the period before 1850 through the rise of kingdoms and territorial states, migration of peoples, the spread and impact of Islam, and west African trading networks. Course Information: Same as HIST 241. Previously listed as AAST 241. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion/Recitation. *UIC GE Past course, and UIC GE World Cultures course*.

BLST 242. History of Modern Africa. 3 hours.
The effect of European partition and colonialism; African military and political resistance; economic imperialism; the rise of nationalism; the problems of independence. Course Information: Same as HIST 242. Previously listed as AAST 242. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: to be properly registered, students must enroll in one Lecture-Discussion and one Discussion/Recitation. *UIC GE Past course, and UIC GE World Cultures course*.

BLST 246. Black Lives in Historical Context. 3 hours.
Interdisciplinary survey of key episodes in black history and their relationship to contemporary black life such as slavery, abolition and resistance. The course will draw connections between historical and current aspects of black life. Course Information: Same as HIST 243. Previously listed as AAST 246. Prerequisite(s): BLST 100; or consent of the instructor. *UIC GE Past course, and UIC GE US Society course*.

BLST 247. African American History to 1877. 3 hours.
Survey of major social, economic, political, and cultural developments in African American history from the rise of the Atlantic Slave Trade to Reconstruction. Course Information: Same as HIST 247. Previously listed as AAST 247. Prerequisite(s): One course in Black Studies or History; or consent of the instructor. *UIC GE Past course, and UIC GE US Society course*.

BLST 248. African American History since 1877. 3 hours.
Survey of major social, economic, and political developments in African American history since Reconstruction. Topics include Jim Crow, black leadership, migration, civil rights and nationalism. Course Information: Same as HIST 248. Previously listed as AAST 248. Prerequisite(s): One course in Black Studies or History; or consent of the instructor. *UIC GE Past course, and UIC GE US Society course*.

BLST 249. Black Freedom Movements in the U.S. 3 hours.
A survey of Black resistance and social change movements from the 1900's through the 1970's; the political ideologies and practices of various leaders and organizations that have had an impact on Black American politics. Course Information: Previously listed as AAST 249. *UIC GE Past course, and UIC GE US Society course*.

BLST 250. Comparative Black Literatures. 3 hours.
Selected works of literature and criticism in the context of the U.S. and the Black diaspora. Comparative study of race, culture, and politics in literature. Course Information: Same as ENGL 260. Previously listed as AAST 250. Prerequisite(s): ENGL 161; or completion of the English composition requirement. *UIC GE Creative Arts course*.

BLST 252. U.S. Racism and Imperialism. 3 hours.
Examines histories and narratives of U.S. imperialism and racism. Investigates how U.S. imperial power is inextricably tied to the workings of racial difference and hierarchy. Same as GLAS 252. Course Information: Recommended background: Grade of C or better in GLAS 100 or Grade of C or better in BLST 100 or Grade of C or better in BLST 101. *UIC GE Past course, and UIC GE US Society course*.

BLST 258. Race and Urban Life. 3 hours.
Examines the experiences of Blacks in urban areas since the 1900's. Course Information: Same as SOC 258. Previously listed as AAST 258.

BLST 261. Reading Black Women Writing. 3 hours.
Examines inscriptions of race, gender, class, and sexuality as they shape the literary and critical practices of black women writers. Course Information: Same as ENGL 261 and GWS 261. Previously listed as AAST 261. Prerequisite(s): Grade of C or better in a 100-level Black Studies or African American literature course; or consent of the instructor.

BLST 262. Black Cultural Studies. 3 hours.
Study of approaches, methods, and key debates in the study of black culture in a transnational and diasporic context. Course Information: Same as ENGL 262. Previously listed as AAST 262. Prerequisite(s): BLST 100. *UIC GE Creative Arts course, and UIC GE US Society course*.

BLST 263. Black Intellectual History. 3 hours.
Key debates and contributions of black thought to national and global politics and culture since the 19th century. Course Information: Same as HIST 263. Previously listed as AAST 263. Prerequisite(s): BLST 100. *UIC GE Individual and Society course, and UIC GE Past course*.

BLST 264. African American Art. 3 hours.
Interdisciplinary survey of the artistic production of African American artists from the nineteenth century to the present. Course Information: Same as AH 264. Previously listed as AAST 264. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

BLST 265. Harlem Renaissance. 3 hours.
The intellectual, cultural, and artistic expressions among African Americans from 1912 to 1933, with an emphasis on the literary texts and social history. Course Information: Same as ENGL 265. Previously listed as AAST 265. Prerequisite(s): Grade of C or better in BLST 100; and Grade of C or better in BLST 110 or Grade of C or better in BLST 111; or consent of the instructor. *UIC GE Past course, and UIC GE US Society course*.

BLST 266. Topics in African Literature. 3 hours.
Examination and analysis of selected works of African literature, history, and criticism. Topics will vary. Course Information: Same as ENGL 266. May be repeated. Previously listed as AAST 266.

BLST 270. African Art. 3 hours.
Survey of the arts of the major tribal cultures of Sub-Saharan Africa. Course Information: Same as AH 270. Previously listed as AAST 270. Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

BLST 271. Race and the Politics of Incarceration. 3 hours.
Examines how incarceration and criminalization affects black people in contemporary society. Course Information: Same as CLJ 271 and SOC 271. Previously listed as AAST 271. Prerequisite(s): Grade of C or better or concurrent registration in BLST 100 or Grade of C or better or concurrent registration in SOC 100 or Grade of C or better in CLJ 101. *UIC GE Individual and Society course, and UIC GE US Society course*.

BLST 272. Race, Gender, and Sexuality. 3 hours.
Explores how Black feminist and queer intellectual work on race, gender and sexuality has been used to radically reimagine what a just world would look like. Course Information: Same as GWS 272. Previously listed as AAST 272. Prerequisite(s): Credit or concurrent registration in ENGL 161. *UIC GE Individual and Society course, and UIC GE US Society course*.

BLST 274. The Politics of Blackness in Latin America. 3 hours.
Examines race, culture, and politics in Latin America from historical and contemporary perspectives with a particular emphasis on the latter half of the 20th century and the beginning of the 21st century. Course Information: Same as LALS 274 and POLS 274. Recommended background: Three credit hours in BLST or LALS or POLS.

BLST 294. Topics in Black Studies. 3 hours.
Selected topics in Black Studies. Specific topics are announced each term. Course Information: May be repeated to a maximum of 6 hours. Students may register for more than one section per term. Previously listed as AAST 294.

BLST 306. Black Politics in the United States. 3 hours.
Historical analysis of Black electoral politics in the U.S., including traditional political party participation and movement politics. Course Information: Same as POLS 311. Previously listed as AAST 306. Prerequisite(s): Three courses in political science, history or sociology; or consent of the instructor.

BLST 351. Topics in Black Art and Literature. 3 hours.
Study of literature and the other arts in the context of the African diaspora. Topics vary. Course Information: Same as ENGL 351. May be repeated to a maximum of 6 hours if topics vary. Previously listed as AAST 351. Prerequisite(s): Introductory course in Black Studies or English; or consent of the instructor.

BLST 356. Constitutional Law: Women, Gender and Privacy. 3 hours.
A multidisciplinary examination of U.S. constitutional law and politics in shaping issues of gender, privacy, race, and sexual orientation; including reproduction, labor, sexual harassment, political participation, and women and crime. Course Information: Same as GWS 356 and POLS 356. Previously listed as AAST 356. Prerequisite(s): Grade of C or better in POLS 101 or Grade of C or better in POLS 112; or Grade of C or better in BLST 100 or Grade of C or better in BLST 103; or Grade of C or better in GWS 101; or consent of the instructor.

BLST 358. Constitutional Law: African-American Legal History. 3 hours.
Survey of the African-American constitutional experience from the 1600s to the present, focusing on landmark decisions of the United States Supreme Court. Course Information: Same as POLS 358. Previously listed as AAST 358.

BLST 394. Special Topics in Black Studies. 3 hours.
Selected advanced topics in Black Studies. Specific topics are announced each term. Course Information: May be repeated to a maximum of 6 hours. Students may register for more than one section per term. Prerequisite(s): BLST 100; or consent of the instructor.

BLST 398. Independent Study: Special Topics. 1-3 hours.
Selected topics for individual research. Course Information: May be repeated to a maximum of 8 hours. Previously listed as AAST 398. Prerequisite(s): Consent of the instructor and departmental approval.

BLST 401. Senior Seminar in Black Studies. 3 hours.
Through weekly readings, discussions, and assignments, students will be guided through a hands-on process of developing a senior project within a small, supportive and dynamic learning community. Course Information: Previously listed as AAST 401. Prerequisite(s): BLST 206; and senior standing or above; or consent of the instructor.

BLST 406. Topics in Black Feminist and Queer Studies. 3 or 4 hours.
Advanced study of topics related to theories of race, gender and sexuality with a specific focus on black feminist and queer studies. Topics may vary. Course Information: Same as GWS 406. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above and one 100-level course in Black Studies or one 100-level course in Gender and Women's Studies; or consent of the instructor.

BLST 407. Seminar in Comparative Racialization. 3 or 4 hours.
Provides an interdisciplinary and comparative approach to the making and remaking of "race" and the resultant racialized experiences of different groups in the U.S. and globally. Course Information: Same as SOC 407. 3 undergraduate hours. 4 graduate hours. Previously listed as AAST 407. Prerequisite(s): BLST 207 or SOC 207 or BLST 225 or SOC 225 or LALS 225; and senior standing or above; or consent of the instructor.

BLST 408. Global Black Feminisms. 3 or 4 hours.
Examines transnational, Third Wave and Third World Black feminist approaches to global politics from historical and contemporary perspectives with a particular emphasis on the late 20th century and the beginning of the 21st century. Course Information: Same as GWS 408 and LALS 408. 3 undergraduate hours. 4 graduate hours. Recommended background: Undergraduate students: at least three credit hours in BLST or GWS or LALS.

BLST 410. Race, Gender and Representation: Black Bodies in Media and Mass Culture. 3 or 4 hours.
Examines the ideological, cultural and economic structures that shape the representation of Black subjects in performance, visual arts, and mass media, paying close attention to gender and sexuality. Course Information: 3 undergraduate hours. 4 graduate hours. Same as COMM 410 and GWS 410. Recommended background: Three or more credit hours in Black Studies or consent of the instructor.

BLST 441. Topics in African History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 441. 3 undergraduate hours. 4 graduate hours. May be repeated. Prerequisite(s): 3 hours of African history, Black Studies, or consent of the instructor.

BLST 481. Topics in African American and Diaspora History. 3 or 4 hours.
African American history and/or history of the diaspora for students with significant background in the field. Topics vary. Course Information: Same as HIST 485. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): 3 hours of BLST history course or consent of the instructor.

BLST 490. Topics in Black Literature. 3 or 4 hours.
The study and analysis of selected works of Black literature and culture for students with significant background in the field. Topics vary by semester. Course Information: Same as ENGL 473. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Previously listed as AAST 490. Prerequisite(s): BLST 100; or consent of the instructor.

BLST 492. Topics in Social Science Research. 3 or 4 hours.
Examination of selected specialized topics that vary each semester. Topics are drawn from research in political science, psychology, sociology, and history. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one term per semester. Previously listed as AAST 492. Prerequisite(s): BLST 100; or consent of the instructor.

BLST 494. Advanced Topics in Black Studies. 3 or 4 hours.
In-depth study of selected topics in the field of Black Studies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): Junior standing or above. Any two 200-level Black Studies courses or consent of the instructor.

Business Administration (BA)

Courses

BA 070. Elementary Mathematics for Business. 3 hours.
Rational operations and arithmetic, fundamental operations of algebra, linear equations and polynomials, and graphic with applications to business. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Prerequisite(s): Eligibility determined by performance on the placement test.

BA 090. Intermediate Algebra for Business. 5 hours.
Linear equations, rational expressions, quadratic equations, graphing, exponentials and logarithms, systems of linear equations with applications to business. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Prerequisite(s): Grade of C or better in BA 070 or grade of C or better in MATH 070; or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

BA 100. Introduction to Professional Development. 1 hour.
Introduces first year students to UIC Professional development and presence. Students will use self-assessment tools and improvisational techniques to enhance their professional development and strengths. Course Information: Meets eight weeks of the semester. Should be taken in the first year after acceptance into the College of Business Administration. Prerequisite(s): Admission to the College of Business Administration. Recommended background: Incoming first year students.

BA 101. Business First-Year Seminar. 1 hour.
A first-year seminar for students to understand UIC Business academic majors and related careers. Provides a foundation for student success by outlining degree completion, careers and introducing students to resources.

BA 111. Business Decision-Making. 3 hours.
Introduces students to the qualitative and quantitative frameworks for critically evaluating business scenarios and decisions. Emphasis on applications to illustrate how information is analyzed and used in business decision-making.

BA 190. UIC Business Seminar Program. 0-3 hours.
The principle objective of the UIC Business Seminar Program is to build and foster the intellectual society within the UIC Business community while introducing students to relevant business material. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 3 hours. Students may only be enrolled in one section per term. No graduation credit.Meets eight weeks of the semester. The program provides UIC Business students with the opportunity to closely interact with faculty in a small-group environment. It encourages students to explore potential areas of interest in a unique and innovative manner.

BA 194. Special Topics in Business Administration. 1-3 hours.
Exploration of topics in Business Administration not covered in existing offerings or study of selected topics in greater depth. Subject matter will vary by offering. Course Information: May be repeated if topics vary. Students may register for more than one section per term.

BA 200. Business Communication. 3 hours.
Principles of effective business communication applied to practice in writing and speaking, individual and team work; emphasis on written communication. Course Information: Prerequisite(s): ENGL 161 or the equivalent.

BA 220. Business Professional Development II. 1 hour.
Seminar uses experiential activities to develop each student's authentic professional presence, verbal and non-verbal skills necessary to excel professionally. Interviewing, networking, dynamic presentations, impromptu speaking and creative team. Course Information: Meets eight weeks of the semester. Prerequisite(s): BA 100.

BA 289. Business Internship Program I. 0-3 hours.
Business internships provide students an opportunity to gain practical work experience in their field of study and to test their career choice. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Prerequisite(s): Full-time status, admission into the College of Business Administration, good academic standing, and consent of the director of the Business Career Center.

BA 290. Business Ethics. 3 hours.
A one semester 3 credit hour required elective of all non-accounting business majors, to aid our students in the formation of the attitude, disposition and habit of thinking, working and living in an ethical environment.

BA 299. Business Administration Study Abroad. 0-18 hours.
Provides credit for foreign study. Student's proposal for study abroad must have prior approval of CBA Undergraduate Student Services. Final determination of credit is made on the student's completion of the work. Course Information: May be repeated for a maximum of 48 hours of credit. May be repeated for a maximum of 36 hours per academic year or for a total of 48 hours, all of which must be earned within one calendar year. Prerequisite(s): Requires approval of the Study Abroad Office and College of Business Administration Undergraduate Student Services. Class Schedule Information: Study Abroad. Foreign travel required.

BA 300. Advanced Managerial Communications. 3 hours.
Advanced study of business communication, including practice in the writing of case studies and reports. Course Information: Prerequisite(s): BA 200.

BA 320. Civic Engagement. 1 hour.
Each semester, the class will be themed on a city-wide issue (homelessness, hunger, education, etc.). We will partner with a local non-profit, that addresses the chosen theme, to provide a direct service opportunity and guest lecturers for the class. Course Information: Meets eight weeks of the semester. Prerequisite(s): BA 100 and BA 220; and junior standing or above.

BA 330. Analysis of Firms, Markets, and Industries for Business Decision Making. 3 hours.
Analysis of consumer and resource markets; firm production and costs; industry structure, competition, strategy and government regulation and development of managerial decision making skills. Course Information: Credit is not given for BA 330 if the student has credit in ECON 220. Extensive computer use required. Prerequisite(s): ECON 120; and MATH 165 or MATH 160 or MATH 125.

BA 351. Legal Environment of Business. 3 hours.
Introduces students to the legal, political and regulatory controls that define and limit business practice opportunities. The interaction of law, politics and ethics are emphasized. Course Information: Credit is not given for BA 351 if student has credit in ACTG 355. Prerequisite(s): Credit or concurrent registration in BA 200 and MGMT 350.

BA 395. Assessment Experience. 0 hours.
Students will complete a day long program to assess learning outcomes, through a test, simulations, individual case analysis, verbal communication exercises, team presentation and teamwork skills designed to assess program learning results. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to juniors and seniors.

BA 420. Professional Presence. 3 hours.
Workshop style, experiential course using simulations and adapted theater exercises of graduating difficulty that teach students to refine their professional presence. Course Information: Previously listed as ACTG 420.

BA 489. Business Internship Program II. 0-3 hours.
Business internships provide both graduate and undergraduate professional and practical work experience in their field of study and career choice. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Prerequisite(s): Full-time status, admission into the College of Business Administration, good academic standing at UIC, and consent of the director of the Business Career Center.

BA 490. International Student Exchange Program. 0-18 hours.
The Student Exchange Program enables the reciprocal exchange of students between UIC and colleges or universities in other countries. There are a variety of programs tailored to meet the needs of both graduate and undergraduate students. Course Information: May be repeated for a maximum of 36 hours per academic year or for a total of 48 hours, all of which must be earned within one calendar year. Determination of the number of credits to be granted is part of the proposal approval process. Students from other UIC Colleges and Schools are eligible for the program. For more information, visit the website at http://www.uic.edu/depts/oia/resources-student/studentexchange.html. Prerequisite(s): Junior standing or above and approval of the student's major department, the CBA College Office and the Office of International Affairs.

BA 494. Special Topics in Business Administration. 1-4 hours.
Exploration of topics in Business Administration not covered in existing offerings or study of selected topics in greater depth. Subject matter will vary by offering. Course Information: May be repeated if topics vary. Students may register for more than one section per term.

BA 495. Business Strategy. 3 hours.
Strategic management and business policy formulation and implementation. Students will utilize knowledge from all functional areas of business to formulate business strategy and implementation plans through case analysis (may include simulation). Course Information: Extensive computer use required. Prerequisite(s): ACTG 210 and ACTG 211 and BA 200 and ECON 218 and IDS 200 and IDS 270; and IDS 355 and FIN 300 and MGMT 340 and MGMT 350 and MKTG 360; and senior standing or above.

Campus Courses (CC)

Courses

CC 100. Registration Placeholder Course. 0 hours.
Special administrative course created to represent a temporary placeholder registration for students wishing to drop their only course registration for a term and add a new course registration for the same day and time. Course Information: Intended as a course used to facilitate registration only. Must be added by the Office of Registration and Records.

CC 175. Student Resource Center. 0 hours.
Information to help students be successful in an online environment. Tutorials on Blackboard learning management system, access to the bookstore and library, course and program information, and success strategies for adult learners. Course Information: Satisfactory/Unsatisfactory grading only. Placeholder course used for Blackboard resource center information access only. This course is NOT graded and rolled to academic history; does not appear on a transcript.

CC 250. Survey of American Law. 3 hours.
Provides an overview of several substantive current legal issues and how to read and study the law. Course Information: Co-requisite(s): CC 251.

CC 251. Legal Analysis and Communication. 3 hours.
Simulation of the work of an attorney including critical reading and thinking, legal writing and organization, analysis of law, and client interview skills. Course Information: Co-requisite(s): CC 250.

CC 300. Urbana Registration. 0-16 hours.
Special course created to represent Urbana registation for upper division undergraduate students pursuing a degree on the Chicago campus. Facilitates proper UIC assessment, application of financial aid awards, and registration. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit.

CC 301. Springfield Registration. 0-16 hours.
Special course created to represent Springfield registration for upper division undergraduate students pursuing a degree on the Chicago campus. Facilitates proper UIC assessment, application of financial aid awards, and registration. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit.

CC 400. Urbana Registration. 0-16 hours.
Special course created to represent Urbana registration for upper division undergraduate and graduate students pursuing a degree on the Chicago campus. Facilitates proper UIC assessment, application of financial aid awards, and registration. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit.

CC 401. Springfield Registration. 0-16 hours.
Special course created to represent Springfield registration for upper division undergraduate and graduate students pursuing a degree on the Chicago campus. Facilitates proper UIC assessment, application of financial aid awards, and registration. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit.

Catholic Studies (CST)

Courses

CST 120. Catholic Thought: An Introduction. 3 hours.
Introduction to the main topics, interests, and methods of Catholic thought. Course Information: Same as RELS 120. *UIC GE Past course*.

CST 128. The Jesus Movement and the New Testament. 3 hours.
Investigates the Jesus movement from its beginnings as a small Jewish reform sect through its development into the religion known as Christianity. Uses New Testament writings as primary sources for reconstructing the past. Course Information: Same as CL 128 and RELS 128. *UIC GE Past course*.

CST 150. Catholicism in U.S. History. 3 hours.
The Catholic experience in the United States from its colonial origins to the present. Course Information: Same as HIST 150 and RELS 150. *UIC GE US Society course*.

CST 293. Dante's Divine Comedy. 3 hours.
An in-depth study of the Divine Comedy, read in English, against the historical, religious, philosophical and cultural background of the Middle Ages. Course Information: Same as RELS 293 and ITAL 293. Previously listed as CST 193. *UIC GE Creative Arts course, and UIC GE Past course*.

CST 294. Topics in Catholic History. 3 hours.
An investigation of the impact of human migration and cultural pluralism on Catholicism and an analysis of the role of the Catholic Church in group relations. Topics will vary. Course Information: Same as HIST 294 and RELS 294. May be repeated if topics vary.

CST 295. Topics in Catholic Thought. 3 hours.
Critical investigation of a topic or topics central to the development of Catholic thought, carried on by study of its proponents and opponents. Topics will vary. Course Information: Same as RELS 295. May be repeated if topics vary.

CST 394. Topics in Catholic History and Culture. 3 hours.
Exploration of various topics in Catholic history and culture. Course Information: Same as HIST 394 and RELS 394. Prerequisite(s): One course in history or Catholic studies; or consent of the instructor.

CST 396. Independent Study. 1-3 hours.
Selected topics for individual study. Course Information: May be repeated to a maximum of 6 hour(s). Students may register for more than one section per term. Prerequisite(s): Sophomore standing or above and consent of the instructor. Recommended background: CST 120 or CST 150. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Central and Eastern European Studies (CEES)

Courses

CEES 208. Central and Eastern European Cinema. 3 hours.
An overview of the main trends in the central and eastern European cinematic tradition and its role in the history of world cinema. Course Information: Same as MOVI 208. Taught in English. Weekly film screenings. Prerequisite(s): ENGL 160; or consent of the instructor. *UIC GE Creative Arts course*.

CEES 220. Modern Polish-Jewish Culture and Literatures. 3 hours.
Polish-Jewish literature and non-fiction works in English translation from Polish, Yiddish and Hebrew are studied as expressions of a distinct Ashkenazi or East European Jewish culture that developed on historically Polish lands. Course Information: Same as POL 220 and JST 220. Prerequisite(s): ENGL 160 or ENGL 161. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

CEES 224. Introduction to Literary Analysis of Central Eastern European Texts. 3 hours.
Reading and interpreting seminal texts from different traditions of Central and Eastern European (CEE) literature in historical and cultural contexts. Course Information: Previously listed as SLAV 224. Taught in English. Prerequisite(s): Credit or concurrent registration in ENGL 160; or Credit or concurrent registration in ENGL 161.

CEES 225. Introduction to Central and Eastern European Cultures. 3 hours.
Introduction to the rich, multinational, and polyglot cultures of Central and Eastern Europe through different media. Course Information: Taught in English. Prerequisite(s): Credit or concurrent registration in ENGL 160; or Credit or concurrent registration in ENGL 161; or completion of the english composition requirement Credit or concurrent registration in ENGL 160; or Credit or concurrent registration in ENGL 161; or completion of the english composition requirement.

CEES 246. European Avant-Garde. 3 hours.
Major movements of the avant-garde, including Cubism, Futurism, Suprematism, Surrealism, and Constructivism. Cross -fertilization of ideas between cultures and media, including literature, film, architecture and visual arts. Course Information: Same as AH 246. Previously listed as RUSS 246. Taught in English. Prerequisite(s): Sophomore standing or above; or consent of the instructor. *UIC GE Creative Arts course*.

CEES 247. Central and Eastern European Science Fiction and Fantasy. 3 hours.
Genres of science fiction and fantasy includes literature by prominent writers from Central and Eastern Europe read in English translation, as well as films with English subtitles. Course Information: Taught in English.

CEES 250. Cinema and Empire. 4 hours.
Explores the legacy of Eurasian cinema with films from the Russian empire, the Soviet Union, the Caucasus, and Central Asia. Topics include: silent film, montage, animation, transition to sound cinema, cinematic realism, and digital media. Course Information: Same as MOVI 250. Taught in English. Extensive computer use required. All assignments and course interactions will utilize internet technologies. Students are required to have access to a computer, internet, and the following software packages: A web browser (compatible with Blackboard), Adobe Acrobat Reader or any other free PDF reader, Microsoft Word or Google Docs. Students are responsible for having a reliable computer and internet connection throughout the course. Prerequisite(s): ENGL 160. Recommended background: RUSS 150. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

CEES 320. Great Stories from Central and Eastern Europe. 3 hours.
Shorter works of fiction written by Nobel Laureates and other great writers from Central and Eastern Europe read in English translation. Course Information: Taught in English.

CEES 323. Modernism in Central and Eastern Europe. 3 hours.
Exploration of key Central and Eastern European contributions to literary modernism approached from a comparative perspective. Course Information: Taught in English. Prerequisite(s): Sophomore standing or above.

CEES 400. A Survey of Central and Eastern Europe. 3 or 4 hours.
An interdisciplinary historical and cultural overview of Central and Eastern Europe. Course Information: 3 undergraduate hours. 4 graduate hours.

CEES 406. History of European Standard Languages. 3 or 4 hours.
The phenomenon of the "standard language" in Western and Eastern Europe. Course Information: Same as LCSL 406 and LING 406. 3 undergraduate hours. 4 graduate hours. Taught in English. Previously listed as CEES 405. In cases where students speak languages other than English, they might receive tasks to research literature in that language (and on that language) and to present their research results. Prerequisite(s): Junior standing or above; and consent of the instructor.

CEES 411. The City as Cultural Focus. 3 or 4 hours.
Interdisciplinary study of urban culture with focus on German-speaking countries. Course Information: Same as GER 411. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Taught in English. No knowledge of German required. Students who intend to use GER 411 toward a degree offered by the Department of Germanic Studies will do assignments in German. Area: literature/culture. Prerequisite(s): For majors and minors in the Department of Germanic Studies only: GER 212 or the equivalent or consent of the instructor.

CEES 418. Topics in German History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 418. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of European history, or consent of the instructor.

CEES 433. Topics in Eastern European History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 433. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of European history or consent of the instructor.

CEES 435. Topics in Russian History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 435. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of European history or consent of the instructor.

CEES 438. The Faust Legend. 3 or 4 hours.
Discusses Goethe's Faust within the context of European and non-European literatures. Traces the origins, significance, and interpretation of the Faust figure. Course Information: Same as GER 438. 3 undergraduate hours. 4 graduate hours. Taught in English. Area: literature/culture.

CEES 439. Gender and Cultural Production. 3 or 4 hours.
Issues of gender representation and gender politics examined through the use of theoretical texts or through the study of women authors. Course Information: Same as GER 439 and GWS 439. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) if topics vary. Taught in English. Students who intend to use GER 439 toward a degree offered by the Department of Germanic Studies will do assignments in German. Area: literature/culture. Prerequisite(s): GER 212 or consent of the instructor.

CEES 460. Topics in Central and Eastern European Literature and Culture. 3 or 4 hours.
Study of a time period, movement, genre, or special topic. Course Information: 3 undergraduate hours. 4 graduate hours. Same as SLAV 460. May be repeated up to 2 time(s), with consent of the instructor, and if topics vary. Prerequisite(s): Junior standing or above; or consent of the instructor.

Chemical Engineering (CHE)

Courses

CHE 101. Introduction to Chemical Engineering and Sustainability. 3 hours.
Overview of chemical engineering principles and unit operations. Introduction to sustainable chemical engineering practices and techniques applied to air, water, food, energy and health.

CHE 150. Climate Engineering for Global Warming. 3 hours.
Overview of the engineering perspective on climate change and strategies to engineer the earth's climate and mitigate risks associated with global warming. *UIC GE Natural World No Lab course*.

CHE 201. Introduction To Thermodynamics. 3 hours.
Work and energy; conversion of energy; theory of gases and other states of matter; applications to energy conversion devices. Second Law of thermodynamics, entropy, and equilibrium, with applications. Course Information: Prerequisite(s): MATH 181 and PHYS 141. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CHE 205. Computational Methods in Chemical Engineering. 3 hours.
Computational methods and software relevant to unit operations. Excel spreadsheets (curve fitting, heat conduction), Matlab, Aspen Plus (process simulation), algorithms and object oriented concepts in chemical engineering. Course Information: Prerequisite(s): Credit or concurrent registration in CHE 201; and credit or concurrent registration in MATH 210.

CHE 210. Material and Energy Balances. 4 hours.
Material and energy balances applied to chemical systems. Introduction to chemical and physical properties. Introduction to the use of computers for chemical process calculations. Course Information: Prerequisite(s): Credit or concurrent registration in CHE 201; and credit or concurrent registration in CHE 205.

CHE 230. Molecular Systems in Chemical Engineering. 3 hours.
Introduction to fundamental concepts in molecular engineering and materials chemistry; properties of molecular systems and applications of macromolecules, bio-macromolecules and nanomaterials in energy, medicine, environment and technology. Course Information: Prerequisite(s): CHEM 232.

CHE 301. Chemical Engineering Thermodynamics. 3 hours.
Review of classical engineering thermodynamics. Multicomponent systems & multicomponent phase equilibria. Equilibrium in chemically reacting systems, heterogeneous equilibrium, Gibbs phase rule, and electrochemical processes. Course Information: Prerequisite(s): CHE 201 and CHE 205.

CHE 311. Transport Phenomena I. 3 hours.
Momentum transport phenomena in chemical engineering. Fluid statics. Fluid mechanics; laminar and turbulent flow; boundary layers; flow over immersed bodies. Course Information: Prerequisite(s): CHE 205; and MATH 220; and Credit or concurrent registration in CHE 210.

CHE 312. Transport Phenomena II. 3 hours.
Heat and mass transport phenomena. Heat conduction, convection and radiation. Heat exchanger design. Diffusion. Mass transfer coefficients. Course Information: Prerequisite(s): CHE 311.

CHE 313. Transport Phenomena III. 3 hours.
Mass transfer and phase equilibria. Multistage separations; applications in distillation; extraction; absorption and drying. Course Information: Prerequisite(s): CHE 301.

CHE 321. Chemical Reaction Engineering. 3 hours.
Kinetics of homogeneous single reactions. Ideal reactors: batch, stirred tank and plug flow systems. Conversion and yield in multiple reactions. Design and optimization of reactors. Non-isothermal reactors. Course Information: Prerequisite(s): CHE 210; and MATH 220; and Credit or concurrent registration in CHE 301.

CHE 330. Polymer Science. 3 hours.
Overview of polymer science and engineering. Introduction to polymers as an engineering material; basic concepts of properties; synthesis and structure of polymeric materials, polymer production, property prediction and performance in products. Course Information: Prerequisite(s): CHE 230 or CME 260; and CHEM 232.

CHE 341. Chemical Process Control. 3 hours.
Analysis and design of chemical processes and control systems. Feedback and feedforward controllers. Stability, tuning, and simulation of P-I-D controllers. Introduction to the control of chemical plants and digital process control. Course Information: Prerequisite(s): MATH 220 and CHE 312 and CHE 313 and CHE 321.

CHE 381. Chemical Engineering Laboratory I. 2 hours.
Heat and momentum transfer operations associated with chemical processes. These include heat exchangers, fluid properties, and fluid flow. Technical report writing, computer calculations. Course Information: Prerequisite(s): CHE 312.

CHE 382. Chemical Engineering Laboratory II. 2 hours.
Heat momentum and mass transfer operations associated with chemical processes; these include distillation columns, reactors, humidifiers, and evaporators. Course Information: Prerequisite(s): CHE 381 and concurrent registration in CHE 313.

CHE 391. Chemical Engineering Practicum. 1 hour.
Provides students with the opportunity to apply the skills and knowledge gained in previous engineering courses within a professional, working environment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 1 hour awarded toward degree requirements. Prerequisite(s): Approval of the Department.

CHE 392. Undergraduate Research. 1-3 hours.
Undergraduate research project in any area of Chemical Engineering. Projects may be theoretical, experimental, or literature surveys. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

CHE 396. Senior Design I. 3 or 4 hours.
Introduction to modern, process design and development, engineering economics, and report writing. Design and cost of equipment relating to materials handling to heat transfer, mass transfer, and reactors. Course Information: Continuing students will take the course for 4 hours and students entering after Fall 2020 will take the course for 3 hours. Prerequisite(s): CHE 312 and CHE 313 and Credit or concurrent registration in CHE 321.

CHE 397. Senior Design II. 4 hours.
Application of principles and design methodology of chemical engineering to the design of large-scale chemical processes and plants. A major design project is assigned for solution and presentation by students working in small groups. Course Information: Extensive computer use required. Prerequisite(s): CHE 396.

CHE 410. Transport Phenomena. 3 or 4 hours.
Continuum theory of momentum, energy, and mass transfer. Viscous behavior of fluids. Laminar and turbulent flow. Thermal conduction and convection, diffusion and coupled operations. Course Information: Same as MENG 410. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 312 or consent of the instructor.

CHE 413. Introduction to Flow in Porous Media. 3 or 4 hours.
Theoretical modeling of single-phase and multiphase flow in porous media. Darcy's law and relative permeabilities. Oil production and hydrology. Capillary phenomena. Dispersion and miscible displacement. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 312 or consent of the instructor.

CHE 421. Combustion Engineering. 3 or 4 hours.
Combustion chemistry and thermochemistry. Kinetics and mechanism of combustion; ignition and pollutant formation. Detonation and deflagration; premixed and diffusion flames. Surface reaction and droplet combustion. Applications. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 301 and CHE 321.

CHE 422. Biochemical Engineering. 3 or 4 hours.
Enzyme-catalyzed and microbially-mediated processes. Free and immobilized enzymes. Batch and continuous cell cultures. Transport phenomena in microbial systems and fermentation processes. Design of biological reactors. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

CHE 423. Catalytic Reaction Engineering. 3 or 4 hours.
Catalytic reactions which occur under conditions for which heat and mass transfer cannot be neglected are considered. Includes porosimetry, surface area measurements and catalyst deactivation. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 321 or consent of the instructor.

CHE 425. Nanotechnology for Pharmaceutical Applications. 3 or 4 hours.
Emerging role of nanostructures in drug development and delivery. Principles of nanostructure formation, characterization, surface functionalization, in vitro and in vivo transport, and visualization. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 301 and CHE 311 and CHE 312; or consent of the instructor.

CHE 426. Biopharmaceutical Process Development and Manufacturing. 3 or 4 hours.
Fundamental concepts of biopharmaceutical process development and manufacturing; active pharmaceutical ingredients, polymorph screening, drug process development, scale-up, and safety. Course Information: 3 undergraduate hours. 4 graduate hours.

CHE 427. Entrepreneurship in Engineering. 0-4 hours.
Fundamentals of entrepreneurship and technology commercialization for engineers. Introduction to intellectual property, marketing studies, business development, pitching new technology ideas to investors, guidelines for starting a business. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

CHE 433. Process Simulation With Aspen Plus. 3 or 4 hours.
Application of Aspen Plus to design, modeling and simulation of process flow sheets. Property models, unit operations, heat integration and pinch analysis, electrolytes, nonconventional solids (e.g., coal), computational aspects. Course Information: CHE 312 and CHE 313 and CHE 321; or consent of the instructor.

CHE 438. Computational Molecular Modeling. 3 or 4 hours.
Provide students with a fundamental understanding of the methods, capabilities and limitations of molecular simulations. Course Information: Same as MENG 412. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): CHE 301. Recommended background: Engineering/Science.

CHE 440. Non-Newtonian Fluids. 3 or 4 hours.
Fluid mechanics and transport processes involving non-Newtonian fluids. Purely viscous and viscoelastic behavior. Viscometric functions and rheometry. Heat and mass transfer in non-Newtonian fluids. Course Information: Same as MENG 411. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 410 or MENG 410 or consent of the instructor.

CHE 441. Computer Applications in Chemical Engineering. 3 or 4 hours.
Nonnumerical applications of computers: artificial intelligence and expert systems for chemical engineering design and online diagnosis; data acquisition and control for digital process control; process design calculations. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Senior standing in chemical engineering.

CHE 450. Air Pollution Engineering. 3 or 4 hours.
Environmental aspects of combustion processes, pollutant formation. Control of pollutants and particulates. Air quality control. Fundamentals of combustion. Course Information: Same as ENER 485 and ME 450. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 321 or consent of the instructor.

CHE 451. Renewable Energy Technologies. 3 or 4 hours.
Fundamentals of renewable energy technologies; solar, wind, biomass. Introduction to energy storage technologies; batteries and fuel cells, and analysis of the hydrogen economy. Course Information: 3 undergraduate. 4 graduate hours. Prerequisite(s): Junior standing or above; or consent of the instructor.

CHE 453. Fundamentals of Electrochemistry. 3 or 4 hours.
Introduction to the fundamentals of electrochemistry and its application in a variety of technologies (i.e., batteries, fuel, cells, electrolysis cells). Includes methods for the analysis of cells using electrochemical techniques. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

CHE 454. Molecular and Macromolecular Engineering. 3 or 4 hours.
Advanced course in polymer science and engineering. Polymerization, polydispersity, molecular configuration, solution properties, thermodynamics, glass and rubbery states, crystallization, viscoelasticity, elastic properties, multiphase systems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 330.

CHE 455. Nanoscale Systems in Chemical Engineering. 3 or 4 hours.
Basic principles associated with nanoscience and nanotechnology; fabrication and synthesis, size dependent properties, characterization; applications of materials at nanometer length scales; emphasis on recent technological breakthroughs. Course information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 230.

CHE 456. Fundamentals and Design of Microelectronics Processes. 3 or 4 hours.
Design and practical aspects of the most advanced state of micro- and nano-electronics processing with emphasis on thin film deposition, substrate passivation, lithography and etching with thermodynamics, kinetics, reactor design, and optimization. Course Information: Same as MENG 413. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Graduate standing or consent of the instructor. Recommended background: Engineering/Science.

CHE 457. Colloidal and Interfacial Phenomena. 3 or 4 hours.
Interfacial phenomena in practice: soap bubbles, emulsions, foams, detergents; surface tension driven flows, Marangoni effect; enterfacial rheology; colloids, emulsions, 3D-printing; interfacial thermodynamics, biological interfaces. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 301 and CHE 312.

CHE 494. Selected Topics in Chemical Engineering. 1-4 hours.
Systematic study of selected topics in chemical engineering theory and practice. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

CHE 496. Undergraduate Senior Design Thesis I. 0-8 hours.
Introduction to modern process design and development, engineering economics of chemical processes and equipment, process simulation, report writing and presentations, literature survey and undergraduate thesis. Course Information: Extensive computer use required. Prerequisite(s): Consent of the instructor.

CHE 497. Undergraduate Senior Design Thesis II. 0-8 hours.
Applications of modern process design principles and design methodology to large-scale chemical processes and plants; team design project with industrial mentor, process simulation, reports, presentations, literature survey and undergraduate thesis. Course Information: Extensive computer use required. Prerequisite(s): Consent of the instructor.

CHE 499. Professional Development Seminar. 0 hours.
Weekly seminars provide career information about chemical engineering and professional job search skills. Students provide evaluations of their engineering knowledge and educational experience in the Chemical Engineering Department. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to seniors. Must be taken in the Fall semester of the student's last year of study.

Chemistry (CHEM)

Courses

CHEM 100. Chemistry and Life. 5 hours.
Principles of structural and environmental chemistry underlying the phenomenon of life on Earth, discussed in a historical, cultural and philosophical framework. Includes weekly two-hour laboratory. Course Information: Credit is not given for CHEM 100 if the student has credit in CHEM 112 or CHEM 116 or CHEM 122. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture. *IAI GECC Phys Sci-w/Lab course, and UIC GE Natural World Lab course*.

CHEM 101. Preparatory Chemistry. 4 hours.
Emphasis on problem solving. Metric units, dimensional analysis, chemical nomenclature, the mole concept, chemical stoichiometry. Course Information: For students without entrance credit in high school chemistry or inadequately prepared. Credit is not given for CHEM 101 if the student has credit in CHEM 116 or CHEM 122. Prerequisite(s): Adequate performance on the UIC chemistry placement examination. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion, one Lecture and one Quiz.

CHEM 105. Chemistry and the Molecular Human: An Inquiry Perspective. 4 hours.
A general education chemistry course that uses the empirical inquiry methods of science applied to the interaction of molecules--in foods, in the environment, and in medicines--with humans. Course Information: 4 hours. Credit is not given for CHEM 105 if the student has credit in CHEM 112 or CHEM 114 or CHEM 122 or CHEM 123 or CHEM 124 or CHEM 125. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion, one Discussion and one Laboratory. *UIC GE Natural World Lab course*.

CHEM 110. Chemistry Problem Solving Workshop. 1 hour.
Problem solving and study strategies in study of general chemistry courses. Techniques for learning technical terms in textbooks will be covered. Methods of analyzing complex problems conceptually and solving them appropriately. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated for credit. Credit is not given for CHEM 110 if the student has credit in CHEM 124 or CHEM 116. Corequisites: Students will be enrolled in a UIC course in chemistry or a related area.

CHEM 115. Comprehensive General and Organic Chemistry. 5 hours.
One-semester introduction to general chemistry and organic chemistry including periodicity, stoichiometry, acid base equilibria, carbonyl compounds, amines, amides. It includes a weekly 3-hr lab. Course Information: Credit is not given for CHEM 115 if the student has credit in CHEM 112 or CHEM 116 or CHEM 122 or CHEM 123. This course is intended for pre-nursing students and should not be taken by those who need CHEM 122/123 or CHEM 116. Prerequisite(s): Grade of C or better in CHEM 101; or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Lecture, one Laboratory, and one Quiz. *UIC GE Natural World Lab course*.

CHEM 116. Honors and Majors General and Analytical Chemistry I. 5 hours.
General and analytical chemistry with laboratory. Coverage of the fundamentals of chemistry including stoichiometry and equilibrium. Coverage of the principles of analytical chemistry, including the use of instrumentation. Course Information: Credit is not given for CHEM 116 if the student has credit in CHEM 112 or CHEM 122 and CHEM 123. Prerequisite(s): Superior performance on the UIC chemistry placement examination. Class Schedule Information: To be properly registered, students must enroll in one Laboratory, one Lecture and one Quiz. *UIC GE Natural World Lab course*.

CHEM 118. Honors and Majors General and Analytical Chemistry II. 5 hours.
General and analytical chemistry with laboratory. Coverage of the fundamentals of chemistry including atomic and molecular structure, thermodynamics, and kinetics. Coverage of principles of analytical chemistry, including the use of instrumentation. Course Information: Credit is not given for CHEM 118 if the student has credit in CHEM 114 or CHEM 124 and CHEM 125. Prerequisite(s): Grade of C or better in CHEM 116. Class Schedule Information: To be properly registered, students must enroll in one Laboratory, one Lecture and one Quiz. *UIC GE Natural World Lab course*.

CHEM 122. Matter and Energy. 3 hours.
An introductory one-semester course in chemical principles, including the quantum model of the atom, periodicity, bonding, reaction types, solutions, stoichiometry, thermochemistry, intermolecular forces, chemical equilibrium, acid-base equilibria. Course Information: Credit is not given for CHEM 122 if the student has a C or better in CHEM 112 or a C or better in CHEM 116. Students should complete CHEM 123 within a semester of completing CHEM 122. Prerequisite(s): Grade of C or better in CHEM 101 or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *IAI Major CHM when Lec +Lab course, and IAI GECC PhySci when Lec+Lab course, and UIC GE Natural World No Lab course*.

CHEM 123. Foundations of Chemical Inquiry I. 2 hours.
Laboratory in general chemistry, including the quantum model of the atom, stoichiometry, periodicity, reaction types, intermolecular forces, and pH. Course Information: Credit is not given for CHEM 123 if the student has a C or better in CHEM 112 or a C or better in CHEM 116. Students should complete CHEM 123 within one semester of completing CHEM 122. Prerequisite(s): Grade of C or better in CHEM 101; and concurrent registration or Grade of C or better in CHEM 122. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Discussion. *IAI Major CHM when Lec+Lab course, and IAI GECC PhySci when Lec+Lab course, and UIC GE Natural World Lab course*.

CHEM 124. Chemical Dynamics. 3 hours.
A second semester course in chemical principles including chemical thermodynamics, phase transitions, spontaneity/equilibrium, electrochemistry, kinetics, bonding, molecular spectroscopy, coordination compounds, and buffer solutions. Course Information: Credit is not given for CHEM 124 if the student has a grade of C or better in CHEM 114 or CHEM 118. Students should complete CHEM 125 within a semester of completing CHEM 124. Prerequisite(s): Grade of C or better in CHEM 116; or Grade of C or better in CHEM 122 and Grade of C or better or concurrent registration in CHEM 123; or Grade of B or better in CHEM 115 and department consent. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *IAI Major CHM when Lec+Lab course, and UIC GE Natural World No Lab course*.

CHEM 125. Foundations of Chemical Inquiry II. 2 hours.
Laboratory in general chemistry including chemical thermodynamics, spontaneity, chemical equilibrium, acid-base equilibrium, electrochemistry, kinetics, bonding, order/symmetry in condensed phases, coordination compounds, and spectroscopy. Course Information: Credit is not given for CHEM 125 if the student has a grade of C or better in CHEM 114 or CHEM 118. Students should complete CHEM 125 within one semester of completing CHEM 124. Prerequisite(s): Grade of C or better in CHEM 116; or Grade of C or better in CHEM 122 and Grade of C or better in CHEM 123; or Grade of B or better in CHEM 115 and department consent; and Grade of C or better or concurrent registration in CHEM 124. *IAI Major CHM when Lec+Lab course, and UIC GE Natural World Lab course*.

CHEM 190. Foundations of Research and Scientific Identity. 1 hour.
Seminar for chemistry and biochemistry students focused on study strategies, research pathways, professional skills, and networking. Course Information: May be repeated up to 2 hours to support inter-cohort mentoring and progressive development. Open to all students in a chemistry and biochemistry track, but priority is given to students in the S-STEM program.

CHEM 201. Elements of Glass Blowing. 1 hour.
Demonstrations and practice in glass blowing and the construction of simple laboratory equipment. Course Information: Prerequisite(s): Senior standing in chemistry and consent of the instructor.

CHEM 222. Analytical Chemistry. 4 hours.
Theory and application of chemical equilibria and instrumentation in quantitative analysis. Includes two weekly three-hour laboratories. Course Information: Prerequisite(s): Grade of C or better in CHEM 114; or Grade of C or better in CHEM 124 and Grade of C or better in CHEM 125; or Grade of C or better in CHEM 118 or the equivalent. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

CHEM 230. Organic Chemistry of Biological Systems. 4 hours.
One-semester introduction to organic chemistry as it pertains to biological systems, biomedical sciences and chemical biology. Course Information: Credit is not given for CHEM 230 if student has credit in CHEM 232 or CHEM 234. Prerequisite(s): Grade of C or better in CHEM 122 and Grade of C or better in CHEM 123; or Grade of C or better in CHEM 116; or Grade of C or better in CHEM 115; or Grade of C or better in CHEM 130; or consent of the instructor. Class Schedule Information: This course is intended for students intending to major in Biological Sciences and Integrated Health Studies and should not be taken by those who need CHEM 232.

CHEM 232. Structure and Function. 3 hours.
First semester of a one-year sequence. Structure, reactivity, and synthesis of organic molecules. Course Information: Prerequisite(s): Grade of C or better in CHEM 122 and Grade of C or better in CHEM 123; or Grade of C or better in CHEM 116; or a grade of B or better in CHEM 115 and consent of the instructor. Recommended background: Concurrent registration in CHEM 233. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Quiz. *IAI Major CHM when Lec+Lab course*.

CHEM 233. Synthesis Techniques Laboratory. 2 hours.
Introductory organic chemistry laboratory. Basic techniques (distillation, crystallization, chromatography, MP and BP), reactions (substitution, elimination, Diels-alder, oxidation-reduction), instrumentation (gas and liquid chromatography, IR.). Course Information: Prerequisite(s): Grade of C or better in CHEM 230 or Grade of C or better or concurrent registration in CHEM 232; and Grade of C or better in CHEM 122 and Grade of C or better in CHEM 123; or Grade of C or better in CHEM 116 and Grade of C or better in CHEM 118; or consent of the instructor. *IAI Major CHM when Lec+Lab course*.

CHEM 234. Chemical Synthesis. 3 hours.
Second semester of a one-year organic chemistry sequence; continuation of CHEM 232. Course Information: Prerequisite(s): Grade of C or better in CHEM 232; and Grade of C or better in CHEM 124 and Grade of C or better in CHEM 125; or Grade of C or better in CHEM 118. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Quiz. *IAI Major CHM course*.

CHEM 235. Advanced Synthesis Techniques. 2 hours.
Advanced organic chemistry laboratory. Synthesis, stereochemistry, spectrometry (IR, NMR), organic analytical chemistry (TLC, HPLC), microscale techniques. Course Information: Prerequisite(s): Grade of C or better in CHEM 233; and Grade of C or better or concurrent registration in CHEM 234. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Discussion.

CHEM 240. Mathematical Methods in Physical Chemistry. 2 hours.
Chemistry workshop to support the development of students' math skills applied to physical chemistry courses at UIC. Course Information: Co-requisite(s): Students must be enrolled concurrently in CHEM 340 or CHEM 342.

CHEM 305. Environmental Chemistry. 3 hours.
The chemistry of the environment and the consequences of pollution brought about by natural and synthetic materials and modern energy usage. Course Information: Prerequisite(s): CHEM 230 or CHEM 232.

CHEM 314. Inorganic Chemistry. 4 hours.
Chemistry of the main-group elements, coordination chemistry and the transition elements, bioinorganic chemistry. Includes a weekly laboratory. Course Information: Prerequisite(s): Grade of C or better in CHEM 232 and grade of C or better in CHEM 233. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

CHEM 333. Interdisciplinary Approach to Chemical Synthesis. 3 hours.
Advanced organic/inorganic chemistry laboratory. Multi-step synthesis of small molecule sensing and molecular recognition, nucleic acid chemistry, bio-inspired catalysis, structure-function studies of therapeutics. Course Information: Prerequisite(s): Grade of C or better in CHEM 235 and Grade of C or better in CHEM 314. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

CHEM 340. Physical Chemistry for Biochemists I. 3 hours.
Thermodynamics of gases, solutions, reaction equilibria, and phase transitions. Course Information: Credit is not given for CHEM 340 if the student has credit for CHEM 342. Prerequisite(s): Grade of C or better in MATH 181; and Grade of C or better in CHEM 118 or Concurrent registration or Grade of C or better in CHEM 222; and Grade of C or better in PHYS 132 or Grade of C or better in PHYS 142.

CHEM 342. Physical Chemistry I. 3 hours.
Thermodynamics of gases, solutions, reaction equilibria, and phase transitions. Course Information: Credit is not given for CHEM 342 if the student has credit for CHEM 340. Prerequisite(s): Grade of C or better in MATH 181; and Grade of C or better in CHEM 118 or Concurrent registration or Grade of C or better in CHEM 222; and Grade of C or better in PHYS 142; and Grade of C or better or concurrent registration in MATH 210. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CHEM 343. Physical Chemistry Laboratory. 3 hours.
Experiments demonstrating principles of thermodynamics, reaction kinetics, spectroscopy and quantum mechanics in chemical systems using modern instrumentation and methods of data analysis. Course Information: Prerequisite(s): Grade of C or better in CHEM 340 or Grade of C or better in CHEM 342. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Laboratory.

CHEM 344. Physical Chemistry for Biochemists II. 3 hours.
Introduction to molecular kinetics, quantum mechanics, and spectroscopy with applications of principles of physical chemistry to biochemical systems. Course Information: Credit is not given for CHEM 344 if the student has credit for CHEM 346. Prerequisite(s): Grade of C or better in CHEM 340 or Grade of C or better in CHEM 342; and Grade of C or better in PHYS 132 or Grade of C or better in PHYS 142; and Grade of C or better in MATH 181. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

CHEM 346. Physical Chemistry II. 3 hours.
Postulates/theorems of quantum mechanics with application to model systems, electronic structure of atoms/molecules, chemical bonding; intro to molecular spectroscopy (rotational, vibrational, electronic); intro to statistical mechanics and mechanisms. Course Information: Credit is not given for CHEM 346 if the student has credit for CHEM 344. Prerequisite(s): Grade of C or better in CHEM 342 and Grade of C or better in MATH 210. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CHEM 352. Introductory Biochemistry. 3 hours.
Structure and function of cellular constituents; enzymology; metabolism of carbohydrates, lipids, amino acids, nucleotides; molecular biology of biosynthesis of proteins and nucleic acids. Course Information: Same as BIOS 352. No credit given for BIOS 352 if student has credit in BIOS 452 or BIOS 454 or CHEM 452 or CHEM 454. No credit toward the degree in biochemistry. Prerequisite(s): BIOS 100 or BIOS 110; and BIOS 101 or BIOS 120; and CHEM 230 or CHEM 232.

CHEM 402. Chemical Information Systems. 2 hours.
Introduction to chemical information, including the use of databases for searching chemical information and the use of molecular modeling and related computational systems to determine calculated properties of chemical substances. Course Information: Previously listed as CHEM 302. Prerequisite(s): Grade of C or better in CHEM 234, or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Discussion.

CHEM 414. Advanced Inorganic Chemistry. 2 or 3 hours.
Introduction to the principles of inorganic chemistry. Structural and descriptive chemistry of the main-group elements. Course Information: 2 undergraduate hours. 3 graduate hours. Prerequisite(s): Grade of C or better in CHEM 314; and Grade of C or better in CHEM 340 or Grade of C or better in CHEM 342; or consent of the instructor.

CHEM 415. Inorganic Chemistry Laboratory. 0-4 hours.
Advanced inorganic chemistry laboratory. Preparative methods, Schlenk techniques, dry box, Fourier-transform infra-red and UV-visible spectroscopy, crystal growth. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CHEM 314. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

CHEM 416. Inorganic Chemistry II. 3 or 4 hours.
Structural and descriptive chemistry of the transition elements. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHEM 414.

CHEM 421. Instrumental Analysis. 0-4 hours.
A survey of contemporary instrumentation for chemical analysis. Emphasis on fundamentals of instrumental methods with actual experience on typical equipment. Includes a weekly three-hour laboratory. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CHEM 222; or Grade of C or better in CHEM 118. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CHEM 432. Advanced Organic Chemistry. 3 or 4 hours.
Rigorous treatment of the physical principles upon which modern organic chemistry is developed to understand the interplay between chemical structure and reactivity. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CHEM 235.

CHEM 444. Spectroscopy in Chemistry and Biochemistry. 3 or 4 hours.
Applications of theory and experiment to the spectroscopy of molecules and biological macromolecules. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CHEM 346 or Grade of C or better in CHEM 344.

CHEM 448. Statistical Thermodynamics. 3 or 4 hours.
Introduction to statistical mechanics, partition functions, chemical equilibrium, ensembles, fluctuations, real gases, Einstein and Debye models of solids, magnetic materials, electrolytes, introduction to liquids. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHEM 346.

CHEM 452. Biochemistry I. 4 hours.
Chemistry of proteins, nucleic acids, carbohydrates and lipids. Course Information: Same as BIOS 452. Prerequisite(s): Grade of C or better in CHEM 230; or Credit or concurrent registration in CHEM 234. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CHEM 454. Biochemistry II. 4 hours.
Continues Chemistry 452. Carbohydrate and lipid metabolism, electron transport. Metabolism of amino acids, nucleic acids, proteins. Biosynthesis of macromolecules and regulation of macromolecular synthesis. Course Information: Same as BIOS 454. Prerequisite(s): BIOS 452 or CHEM 452. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CHEM 455. Biochemistry Laboratory. 3 hours.
Introduction to modern biochemistry and molecular biology research. Includes recombinant DNA techniques, protein purification, site-directed mutagenesis, polymerase chain reaction, enzyme kinetics, protein structure data analysis and molecular graphics. Course Information: Prerequisite(s): CHEM 222 or CHEM 118; and CHEM 452 or BIOS 452. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Laboratory-Discussion.

CHEM 456. Natural Products. 3 or 4 hours.
Biogenetic approach to secondary metabolites. General principles and selected studies of phenolic compounds, terpenes, alkaloids, and other interesting natural products. Course Information: Same as BIOS 416. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): One year of organic chemistry.

CHEM 458. Biotechnology and Drug Discovery. 3 or 4 hours.
Molecular and gene therapy, using small molecules including antisense, aptamers, and proteins. Structure-based drug design. Structural bioinformatics and drug discovery program. High-throughput screening. Combinatorial chemistry technology. Course Information: Same as BIOS 458. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): BIOS 352 or CHEM 352; or Credit or concurrent registration in BIOS 452 or Credit or concurrent registration in CHEM 452; or consent of the instructor.

CHEM 470. Educational Practice with Seminar I. 6 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CHEM 471. Educational Practice with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, credit or concurrent registration in CHEM 470, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

CHEM 472. Teaching Methods in Chemistry. 2 or 3 hours.
A course in the methods of teaching high school chemistry, including the integration of technology. Course Information: 2 undergraduate hours. 3 graduate hours. Extensive computer use required. Prerequisite(s): 24 semester hours of undergraduate chemistry, including two semesters of laboratory chemistry. Recommended background: ED 210.

CHEM 474. Teaching Chemistry in High Schools. 1 hour.
Modern ways to help beginning learners construct in their own minds an understanding of scientific concepts and scientific method. Emphasis on the concepts of chemistry. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Approval of the department.

CHEM 475. Learning and Teaching of Physical Sciences. 3 hours.
Provides teacher candidates with the foundation and experience necessary to teach physical sciences in secondary schools. Course Information: Same as PHYS 475. Prerequisite(s): Senior standing or above; or approval of the department. Recommended background: Knowledge of first-year college physics and chemistry. Class Schedule: To be properly registered: Students must enroll in one Lecture-Discussion and one Laboratory.

CHEM 480. Elements of Machining Scientific Equipment. 1 hour.
Elements of machining scientific equipment, including the use of machine shop tools and technical drawing of scientific apparatus. Course Information: Same as EAES 478 and PHYS 480. Satisfactory/Unsatisfactory grading only. Prerequisite(s): Graduate standing; and approval of the department.

CHEM 488. Cooperative Chemistry Practice. 1 hour.
Off-campus participation in a governmental or industrial training program. Credit is contingent on the submission of a final report. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 6 hours of CHEM 488, CHEM 492 and CHEM 499 combined may be credited toward departmental undergraduate degree course requirements. Prerequisite(s): Concurrent registration in LAS 289 or consent of the instructor.

CHEM 492. Independent Study. 1-2 hours.
Individual study under supervision of a faculty member in areas not covered in standard courses. Credit is contingent on the submission of a final report. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 6 hours of CHEM 488, CHEM 492 and CHEM 499 combined may be credited toward departmental undergraduate degree course requirements. Prerequisite(s): 2.50 grade point average in science courses and consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

CHEM 494. Special Topics in Chemistry. 1-4 hours.
Course content is announced prior to each term in which the course is given. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

CHEM 499. Supervised Research. 3 hours.
Individual research performed under supervision of a faculty member. Credit is contingent on the submission of a final report. Research experience is strongly encouraged for career students. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 6 hours. A maximum of 6 hours of CHEM 488, CHEM 492 and CHEM 499 combined may be credited toward departmental undergraduate degree course requirements. Prerequisite(s): Junior standing or above, approval of the department, consent of the instructor and a grade point average of 2.50 in science courses; or graduate standing. Recommended background: Credit in CHEM 333 or CHEM 314. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

Chinese (CHIN)

Courses

CHIN 101. Elementary Chinese I. 4 hours.
Basic grammar; sentence patterns; vocabulary study; reading and writing with Chinese characters; simple oral practice. Course Information: This course is taught in a blended-online format. Extensive computer use required. A high-speed connection is strongly suggested. Credit is not given for CHIN 101 if the student has credit in CHIN 111. Prerequisite(s): Appropriate score on the department placement test.

CHIN 102. Elementary Chinese II. 4 hours.
Continuation of Chinese 101. Course Information: This course is taught in a blended-online format. Extensive computer use required. A high-speed connection is strongly suggested. Course Information: Credit is not given for CHIN 102 if the student already has credit in CHIN 111. Prerequisite(s): Grade of C or better in CHIN 101; or appropriate score on the department placement test.

CHIN 103. Intermediate Chinese I. 4 hours.
Study of Mandarin Chinese language and culture. Intensive practice in speaking, listening, reading and writing at the intermediate level. Course Information: Credit is not given for CHIN 103 if the student already has credit in CHIN 112. This course is taught in a blended-online format. Extensive computer use and internet access are required. A high-speed internet connection, while not required, is strongly suggested. Prerequisite(s): Grade of C or better in CHIN 102; or appropriate score on the department placement test or the equivalent AP or IB test score.

CHIN 104. Intermediate Chinese II. 4 hours.
Continuation of Chinese 103. Course Information: Credit is not given for CHIN 104 if the student already has credit in CHIN 112. This course is taught in a blended-online format. Extensive computer use and internet access are required. A high-speed internet connection, while not required, is strongly suggested. Prerequisite(s): Grade of C or better in CHIN 103; or appropriate score on the department placement test or the equivalent AP or IB test score. *IAI GECC Humanities course*.

CHIN 196. Independent Study. 1-4 hours.
Individual study under faculty direction for qualified students with special interests and needs. Course Information: May be repeated to a maximum of 8 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

CHIN 200. Advanced Communication in Chinese. 3 hours.
The study of Mandarin Chinese at the high intermediate to advanced level. Interpersonal, interpretative, and presentational modes of communication used in formal and informal communicative situations. Course Information: Not intended for students with native proficiency in Chinese; This course may be taught in a blended-online format. Extensive computer use is required. A high-speed connection is strongly suggested. Prerequisite(s): Grade of C or better in CHIN 104; or Grade of C or better in CHIN 112; or appropriate score on the department placement test or equivalent AP or IB Test score.

CHIN 209. Advanced Chinese Language and Culture. 3 hours.
Chinese culture as reflected in language, communication, daily life, and creative works. Intensive listening, speaking, reading and writing at the intermediate-advanced level. Course Information: Same as GLAS 209. Not intended for students with native proficiency in Chinese. This course may be taught in a blended-online format. See class schedule for specifics. Extensive computer and internet use is required. A high-speed connection is strongly suggested. Prerequisite(s): Grade of C or better in CHIN 104; or Grade of C or better in CHIN 112; or appropriate score on the department placement test or equivalent AP or IB Test score.

CHIN 210. Understanding Contemporary Chinese Society Through Shanghai. 3 hours.
Shanghai as a case study to explore contemporary Chinese society, highlighting Shanghai's unique historical and cultural position within China. Course Information: Taught in English. Extensive computer use required. The course may meet for 15 weeks or 8 weeks. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

CHIN 296. Independent Study. 1-4 hours.
Individual study under faculty direction for qualified students at the intermediate level who have special interests and needs. Course Information: May be repeated to a maximum of 8 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

CHIN 300. Special Topics in Advanced Chinese Skills. 3 hours.
A content-based approach to developing advanced Chinese language skills. Students will develop real-world skills in Chinese and gain deep understanding of various aspects of Chinese culture, history and society. Course Information: May be repeated to a maximum of 6 hours, if topics vary. This course may be taught in a blended-online format. Extensive computer use is required. A high-speed connection is strongly suggested. Prerequisite(s): Grade of C or better or concurrent registration in CHIN 200 or Grade of C or better or concurrent registration in CHIN 209; or appropriate score on the department placement test; or consent of the instructor.

CHIN 330. A Linguistic Introduction to Chinese. 3 hours.
A linguistic introduction to Chinese including sounds/tones, words, and sentence patterns; regional and social dialects; evolution of writing system; language policies; language contact and change; Chinese L2 acquisition; Chinese language communities. Course Information: Same as LING 330. Taught in English. Extensive computer use required. The course may be offered in 15 weeks or 8 weeks. Class format varies by section. Check the class schedule for details. Online sections involve heavy computer usage; computer and internet access are required. Prerequisite(s): CHIN 101; or appropriate score on the department placement test; or consent of the instructor. Recommended background: LING 150.

Civil, Materials, and Environmental Engineering (CME)

Courses

CME 111. The Art of Structural Form. 3 hours.
Examination of aesthetic, economic, and structural considerations of engineered structures since the start of the industrial revolution. Analysis of different design choices of bridges, tall buildings, thin shell, and other structures. Course Information: Field trips required at a nominal fee. *UIC GE Creative Arts course*.

CME 112. Evolution of Infrastructure and Society. 3 hours.
Evolution of infrastructure and its interaction with US society. Examples include development of transportation systems, water infrastructure, electrical grid, structural and geotechnical technology. Ethical and societal implications of new systems. Course Information: Field trips required at a nominal fee. Prerequisite(s): ENGL 160; or consent of the instructor. *UIC GE US Society course*.

CME 119. Introduction to Environmental Engineering and Science. 3 hours.
Pollution and the environment. Impact of human economic activity on the environment. Principles of environmental engineering and science with application to natural and engineered environmental systems. Course Information: Prerequisite(s): Consent of the instructor.

CME 197. Introduction to Civil and Environmental Engineering. 0 hours.
Introduction to careers in civil and environmental engineering, introduction to business practice in civil and environmental engineering, professional ethics and challenges currently faced by the civil and environmental engineering profession. Course Information: Satisfactory/Unsatisfactory grading only. All CME freshmen and transfer students will be required to take course during the first year of enrollment at UIC.

CME 201. Statics. 3 hours.
Analysis of forces, equilibrium of two- and three-dimensional structures, frames and machines. Friction, centroids, virtual work and energy. Course Information: Prerequisite(s): MATH 181 and PHYS 141.

CME 203. Strength of Materials. 3 hours.
Relationships between the stresses and strains within a deformable body. Axially loaded members, torsion and the bending of bars. Stress transformation equations. Column theory. Course Information: Prerequisite(s): CME 201. *IAI Major EGR course*.

CME 205. Structural Analysis I. 3 hours.
Analysis of trusses, beams and frames. Classical methods and analysis with microcomputers. Displacements, shear and bending moments, influence lines. Course Information: Prerequisite(s): CME 203.

CME 207. Engineering Probability and Economics. 3 hours.
Principles of probability in civil and environmental engineering; theories and principles of economics in civil and environmental engineering; managerial decision making techniques for design and construction of projects. Course Information: Prerequisite(s): MATH 181.

CME 211. Fluid Mechanics and Hydraulics. 3 hours.
Covers the basic fluid mechanics topics of statics and kinematics, with emphasis on civil engineering aspects of open channel hydraulics and pipe flow. Course Information: Prerequisite(s): MATH 181; and PHYS 141. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

CME 260. Properties of Materials. 3 hours.
Introduction to the relationships between composition and microstructure; correlation with physical and mechanical behavior of metals, ceramics, and polymers. Manufacturing methods. Service performance. Materials selection. Course Information: Credit is not given for CME 260 if the student has credit for CME 261 or ME 261. Prerequisite(s): CHEM 122 and CHEM 123 and PHYS 141 and MATH 181.

CME 261. Materials for Manufacturing. 2 hours.
Introductory-level course in materials engineering to familiarize students with relationships between processing, structure and properties of materials used to manufacture devices. Course Information: Same as ME 261. Credit is not given for CME 261 if the student has credit for CME 260. Prerequisite(s): CHEM 122 and CHEM 123 and PHYS 141 and MATH 181.

CME 290. Engineering Surveying. 1 hour.
Theory and practice of fundamentals of horizontal and vertical measurement of distances, angles and directions, leveling, traverses, topography, road and curve field layout, control and construction surveys, coordinate systems, GPS and Map Production. Course Information: Prerequisite(s): MATH 181; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion and one Laboratory.

CME 297. Civil and Environmental Engineering Drawing and Design. 3 hours.
Manual and computer-aided drawing and drafting principles for civil and environmental engineering practice. Application of building information modeling in civil and environmental engineering professional practice. Course Information: Prerequisite(s): Eligibility to register for ENGL 160. Interested students not enrolled in a degree program in the College of Engineering shall obtain permission from the instructor.

CME 300. Composition and Properties of Concrete. 2 hours.
Properties and types of cements and aggregates, hydration, mix design, properties of fresh and hardened concrete. Course Information: Prerequisite(s): Credit or concurrent registration in CME 203. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Laboratory.

CME 301. Behavior and Design of Metal Structures. 3 hours.
Design of metal structures, behavior of members and their connections, theoretical, experimental and practical basis for proportioning members. Course Information: Prerequisite(s): CME 205.

CME 302. Transportation Engineering. 3 hours.
Fundamentals of transportation engineering. Design, operations and planning of transportation systems of various technologies, emphasizing road and public transit. Course Information: Extensive computer use required. Field trips and computer laboratory required. Prerequisite(s): MATH 210; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CME 310. Design of Reinforced Concrete Structures. 3 hours.
Analysis and design of reinforced concrete structural elements: beams, slabs, columns, and foundations. Use of current ACI 318 building code. Course Information: Prerequisite(s): CME 205 and credit or concurrent registration in CME 300.

CME 311. Water Resources Engineering. 3 hours.
Principles of water-resources engineering including hydrologic processes and frequency analysis; fluids mechanics applied to closed conduits and open channels; groundwater engineering; urban water distribution. Laboratory experiments. Course Information: Extensive computer use required. Prerequisite(s): CME 211. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CME 315. Soil Mechanics and Laboratory. 4 hours.
Soil formation, phase relationships, index properties and soil classification, soil composition, soil compaction, water in soils, stresses in soils, consolidation, shear strength, soils laboratory. Course Information: Prerequisite(s): CME 203 and CME 211. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

CME 322. Environmental Engineering. 3 hours.
Environmental engineering and design for water and waste problems. Interactive effects of man-made projects on resources and the environment. Course Information: Previously listed as CME 216. Prerequisite(s): CHEM 122; and Credit or concurrent registration in CME 211. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

CME 359. Mechanical Vibrations. 3 hours.
Free and forced vibrations of damped linear single and multiple degree of freedom systems. Approximate methods, instrumentation, and applications. Course Information: Same as ME 308. Prerequisite(s): CS 109; and ME 210; and MATH 220.

CME 391. Civil and Materials Engineering Practicum. 1 hour.
Provides students with the opportunity to apply the skills and knowledge gained in previous engineering courses within a professional, working environment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 1 hour awarded toward degree requirements. Prerequisite(s): Approval of the Department.

CME 392. Undergraduate Research. 1-3 hours.
Research and indepth study of a subject of interest under the close supervision of a faculty member. A report is required. Course Information: Prerequisite(s): Senior standing.

CME 394. Undergraduate Seminar. 1-3 hours.
Students conduct an indepth study of areas of engineering of special interest to them which will be presented to the class in a seminar format. Course Information: Prerequisite(s): Senior standing.

CME 396. Civil Engineering Systems Design. 2 hours.
Introduction to design process and methodologies. Aspects of civil engineering project management and the deterministic and probabilistic design methods. Professional Verbal and Written Communication. Preparation of senior design projects. Course Information: Prerequisite(s): Senior Standing in Civil and Materials Engineering; Students who will be graduating any time during the next calendar year are eligible to enroll.

CME 400. Advanced Design of Reinforced Concrete Structures. 3 or 4 hours.
Design of reinforced concrete building structures, including design for lateral loads due to wind, structural systems for reinforced concrete buildings, shear walls, and design for seismic forces. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 310 or the equivalent.

CME 401. Advanced Design of Metal Structures. 3 or 4 hours.
Plate girders; unsymmetrical bending; torsion of thin-walled structures; lateral-torsional instability; composite construction. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 301.

CME 402. Geometric Design of Highway Facilities. 3 or 4 hours.
Elements of geometric design: driver and roadway system characteristics, sight distance and stopping sight distance, design of horizontal and vertical alignments, cross sections, earthwork, intersections and interchanges, and pavement design. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 302; and CME 297 or ME 250; and CME 290; or consent of the instructor.

CME 403. Hydraulic Design. 3 or 4 hours.
Groundwater hydraulics, movement, recharge and well design; migration and drainage; design of dams, spillways and turbines; wave and coastal engineering design. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 311.

CME 404. Railroad Track Engineering. 3 hours.
Railroad track engineering concepts including track components, response of track to wheel loads, design and analysis of railroad tracks, construction, evaluation, and maintenance of railroad tracks, load distribution, and track substructures. Course Information: Prerequisite(s): CME 315; or consent of the instructor. Recommended Background: Basic knowledge of strength of materials, soil mechanics, and structures.

CME 405. Foundation Analysis and Design. 3-4 hours.
Site characterization; analysis and design of shallow foundations, deep foundations and earth retaining structures; foundations on difficult soils; effects of construction; instrumentation and monitoring. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 315.

CME 406. Bridge Design I. 3 or 4 hours.
Theory and design procedures related to the analysis and design of modern bridges. Using the AASHTO Code, includes concrete and steel structures, construction practices and procedures. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 301 and CME 310.

CME 407. Soil and Site Improvement Methods. 3 or 4 hours.
Compaction, preloading, vertical drains, grouting, admixture stabilization, thermal stabilization, soil reinforcement, geosynthetics; construction of embankments on soft clay, embankments on mechanically stabilized earth walls, hydraulic barriers; case studies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 315.

CME 408. Traffic Engineering and Design. 3 or 4 hours.
Highway Traffic control with an emphasis on highway capacity analysis and Traffic Signal Design. Queuing theory, traffic flow theory, corridor management, and Taffic Safety. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Field work required. Prerequisite(s): CME 302 or consent of the instructor.

CME 409. Structural Analysis II. 3 or 4 hours.
Approximate analysis of structures including trusses and multistory frames. Influence lines, cables and arches. Principles of limit analysis for structures and structural elements. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 205; or consent of the instructor.

CME 410. Design of Prestressed Concrete Structures. 3 or 4 hours.
Principles of prestressed concrete. Analysis and design of statically determinate prestressed concrete members. Introduction to design and detailing of connections. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 310.

CME 411. Chemistry for Environmental Professionals. 3 hours.
Introductory atmospheric chemistry, aspects of air pollution, chemistry related to natural water and water treatment; priority organic pollutants and heavy metals. Course Information: Same as EOHS 440. Prerequisite(s): One year of college chemistry.

CME 412. Structural Strengthening Design. 3 or 4 hours.
State-of-the-art introduction to structural strengthening including condition assessment, strengthening system selection, and strengthening system design. Fundamental behavior and design of structures strengthened with externally bonded composites. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 301; and CME 310; or consent of the instructor.

CME 413. Design of Wood Structures. 3 or 4 hours.
Covers the properties and behavior of wood as a structural material; the focus will be on the analysis of structural wood elements. Course Information: 3 undergraduate hours. 4 graduate hours.Prerequisite(s): CME 301; or CME 310; or consent of the instructor.

CME 414. Design of Masonry Structures. 3 or 4 hours.
Material characteristics of masonry as an engineering material, design of masonry members subjected to axial loads, bending, combined axial and bending loads, design of masonry shear walls, and design of multi-story masonry buildings. Course Information: 3 undergraduate hours. 4 graduate hours.Prerequisite(s): CME 301; or CME 310; or consent of the instructor.

CME 415. Environmental Geotechnology. 3 or 4 hours.
Environmental laws and regulations, sources and types of waste materials, waste materials in geotechnical engineering applications, geotechnical management of municipal, industrial, mine and nuclear wastes. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 315.

CME 419. Structural Loads Determination. 3 or 4 hours.
Loads applied to buildings and other structures. Live and dead loads. Snow, wind, earthquake and flood loads. Historical overview of loading standards and current loading standards. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 205; or consent of the instructor.

CME 420. Water and Wastewater Analysis Laboratory. 0-4 hours.
Laboratory class for environmental engineering. Analysis of water, wastewater and soil for nutrients, pollutants, physical parameters and biological parameters. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 216; or graduate standing. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

CME 421. Water Treatment Design. 3 or 4 hours.
Water quality control systems. Physical-chemical unit processes applied to systems designed for treatment of municipal and industrial waters. Course Information: 3 undergraduate hours. 4 graduate hours. Field trip required at nominal fee. Prerequisite(s): CME 322. Students in programs outside stated restrictions may be admitted with the consent of the instructor.

CME 422. Wastewater Treatment Design. 3 or 4 hours.
Processes involved in the biological treatment of wastewater. Aerobic and anaerobic treatment, sludge stabilization, and nutrient removal. Course Information: 3 undergraduate hours. 4 graduate hours. Field trip required. Prerequisite(s): CME 322 or the equivalent.

CME 423. Management of Solid and Hazardous Wastes. 3 hours.
Management of solid and hazardous waste, including radioactive waste: landfills, incineration, recycling, composting, source reduction, groundwater and air pollution impacts, control, regulations, siting, health impacts. Course Information: Same as EOHS 472, and GEOG 444.

CME 425. Environmental Remediation Engineering. 3 or 4 hours.
Sources of contamination, regulations, site characterization, impact assessment, waste disposal and containment options, waste treatment options, case studies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 315.

CME 427. Engineering Hydrology. 3 or 4 hours.
Processes, techniques and concepts in hydrology of interest to the engineer: precipitation, interception, evaporation, groundwater, unit hydrographs, flood routing, and statistics. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 211 and senior standing.

CME 429. Introduction to AI for Civil & Environmental Engineers. 3 or 4 hours.
Introduces graduate and undergraduate civil engineering students to various machine learning and AI techniques and demonstrates their applications in the Civil/Environmental engineering fields. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Senior standing or above; or consent of the instructor.

CME 430. Theory of Elasticity I. 3 or 4 hours.
The boundary value problems of linear elasticity. Uniqueness of solution. Reduction to two dimensions: the plane problems, torsion, bending. Polar coordinates and general orthogonal coordinates. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 205 and Math 220; or the equivalents.

CME 431. Introduction to Continuum Mechanics. 3 or 4 hours.
Vectors and tensors, stress, principal stresses and principal axes, deformation, compatability conditions, constitutive equations, isotropy and mechanical properties of fluids and solids. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 203 and CME 211; or CME 203 and ME 211.

CME 432. Energy Methods in Mechanics. 3 or 4 hours.
Variational theorems of elasticity. Applications to establish approximate systems and their solution. Beams (including shear deformation.) Introduction to instability theory. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 205.

CME 433. Fracture Mechanics and Failure Analysis I. 3 or 4 hours.
Classical theory of strength of materials. Fracture mechanisms maps. Continuum damage mechanics. Introduction to fracture mechanics. Singular problems of elasticity. Stress intensity. Energy release rates. Irwin-Orowan, Barenblatt-Dugdale theories. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 430.

CME 434. Finite Element Analysis I. 3 or 4 hours.
Establishment of basic finite element, matrix relations for one-dimensional heat conduction problems: Truss, beam and frame structural systems. Solution methods of the resulting equations. Introduction to two-dimensional analysis. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 109; and CME 205 or ME 347.

CME 435. Theory of Vibrations I. 3 or 4 hours.
Analytical and numerical treatment of linear, discrete systems. Nonlinear discrete systems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 200 or the equivalent and MATH 220.

CME 440. Cities and Sustainable Infrastructure. 0-4 hours.
Integrated urban infrastructure planning based on sustainability and resilience; energy, water and transportation systems; design of green buildings; urban network design; methods of environmental assessment and infrastructure economics. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): CME 302 and CME 311; or consent of the instructor For graduate students: consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion.

CME 441. City Logistics. 3 or 4 hours.
Understanding the basics of the logistics planning, operation, and design for cities and urban environment in regard to people, goods and freight, and sustainability and the environment. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 302; or consent of the instructor.

CME 450. Probability and Reliability in Structural Design. 3 or 4 hours.
Maximum uncertainty principle and probability distributions of random variables. Distributions of extremes and their applications. Statistics of failure. The weakest link theory. Time to failure. Structural reliability. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

CME 453. Experimental Stress Analysis. 0-4 hours.
Structural similitude and dimensional analysis. Strain measurement techniques. Introduction to photoelasticity. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 430. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

CME 454. Structural Analysis and Design of Tall Buildings. 3 or 4 hours.
State-of-the-art introduction to structural analysis and design of tall buildings. Load impact on different structural systems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 401 or CME 409 or the equivalent, or consent of the instructor. Recommended background: Major structural analysis and design courses.

CME 460. Crystallography and X-Ray Diffraction. 4 hours.
Fundamentals of crystallography. Theory of x-ray diffraction, experimental methods and applications. Course Information: Prerequisite(s): CME 260. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CME 470. Physical and Mechanical Properties of Materials. 3 or 4 hours.
Fundamentals of physical and mechanical metallurgy; unit cells and defects; elasticity and plasticity; phase equilibria; materials processing; modern metallurgy – high entropy alloys, nanostructured metals, and shape memory materials. Course Information: Prerequisite(s): CME 260; or CME 261; or ME 261; and graduate standing; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CME 471. Thermodynamics of Materials. 0-4 hours.
Application of chemical and thermodynamic principles to processing and characterization of materials. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 260. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CME 480. Welding Metallurgy. 4 hours.
Metallurgy of metals joining processes. Selection of processes and design of products manufactured by joining processes. Course Information: Prerequisite(s): CME 260. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CME 481. Risk Management and Decision-Making in Construction. 3 or 4 hours.
Application of decision analysis, optimization, and risk management tools in construction engineering and management, selection of contractors, site layout planning, quantifying impact of weather, change orders, resource utilization, optimal planning. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Senior standing or above.

CME 485. Construction Engineering and Management. 3 or 4 hours.
Overview of construction engineering and project management. Construction industry, project cycles, contract administration, financing, legal management structures. Resource management; planning, quality control, productivity and safety. Course Information: 3 undergraduate hours. 4 graduate hours. Non-COE students shall obtain permission from the instructor prior to enrolling in the course.

CME 486. Construction Equipment and Design Methods. 3 or 4 hours.
Overview of the equipment and machinery that is used in construction engineering; Calculating Cycle Times, Production Rates and Cost; Earthwork Estimations; Construction Methods and Design. Course Information: 3 undergraduate hours. 4 graduate hours. Other non-COE students shall obtain permission from the instructor prior to enrolling in the course.

CME 487. Construction Accounting and Financial Management. 3 or 4 hours.
Accounting fundamentals and financial business management in construction engineering and management. The organizational management in civil infrastructure engineering, and project financial management, strategic management of civil environmental engineering enterprise. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Senior standing or above.

CME 488. Sustainable Construction. 3 or 4 hours.
Coverage of construction methods and techniques that employ the principles of sustainable development. Materials and methods of construction, infrastructure planning and development, and environmental implications of construction activities. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Senior standing or above.

CME 490. Undergraduate Senior Design Thesis I. 0-8 hours.
Introduction to engineering design and research methods: design tools, product conception and development, simulation, optimization, technical reports and presentations, literature survey and undergraduate thesis. Course Information: Credit only given to non-degree students. No graduation credit given to students enrolled in Engineering. Extensive computer use required. Prerequisite(s): Consent of the instructor.

CME 491. Undergraduate Senior Design Thesis II. 0-8 hours.
Introduction to engineering design and research methods: design tools, product conception and development, simulation, optimization, technical reports and presentations, literature survey and undergraduate thesis. Course Information: Extensive computer use required. Prerequisite(s): Consent of the instructor.

CME 493. Seminar. 1-3 hours.
Topics of mutual interest to a faculty and a group of students. Offered as announced in the Timetable.

CME 494. Special Topics in Civil and Materials Engineering. 1-5 hours.
Subject matter varies from section to section and from semester to semester, depending on the specialties of the instructor. Course Information: 1 to 4 undergraduate hours; 2 to 5 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

CME 496. Special Problems. 1-4 hours.
Special problems or reading by special arrangement with a faculty member. Course Information: Prerequisite(s): Consent of the instructor.

CME 497. Capstone Design. 2 or 3 hours.
Application of principles of engineering and design methods to the solution of a large-scale design program. Communicating design solutions through verbal and written media. Course Information: Previously listed as CME 397. Prerequisite(s): CME 396 CME 396 and at least three courses from the following list: CME 301, CME 302, CME 310, CME 311, CME 315, CME 322.

Classics (CL)

Courses

CL 100. Greek Civilization. 3 hours.
An introduction to the life, society and culture of the ancient Greeks. Course Information: All readings are in English. *UIC GE Past course*.

CL 101. Roman Civilization. 3 hours.
An introduction to the life, society and culture of the ancient Romans. Course Information: All readings are in English. *UIC GE Past course*.

CL 102. Introduction to Classical Literature. 3 hours.
The main literary forms of Classical Antiquity: epic, tragedy, comedy, the philosophical dialogue, history. Course Information: All readings are in English. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 103. Introduction to Classical and Mediterranean Archaeology. 3 hours.
Contributions of archaeological excavations to the study of ancient Greece, Rome, Egypt and the Near East; architecture, painting, and sculpture in their social and historical contexts. Course Information: All readings are in English. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 120. Introduction to Ancient Philosophy. 3 hours.
Introduction to issues and methods of philosophy through engagement with classic Greek and Roman texts (read in translation). Course Information: Same as PHIL 120. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE Past course*.

CL 124. Introduction to the Hebrew Bible. 3 hours.
A study of the Five Books of Moses (a.k.a Torah or Pentateuch) within the contexts of the ancient Near East and biblical literature. Course Information: Same as JST 124 and RELS 124. Taught in English. *UIC GE Past course*.

CL 128. The Jesus Movement and the New Testament. 3 hours.
Investigates the Jesus movement from its beginnings as a small Jewish reform sect through its development into the religion known as Christianity. Uses New Testament writings as primary sources for reconstructing the past. Course Information: Same as CST 128 and RELS 128. *UIC GE Past course*.

CL 201. Medical Terminologies: Ancient Roots in Modern Medicine. 3 hours.
The structure and formation of technical terms used in the health sciences, based on roots and elements from Greek and Latin. Course Information: Same as LING 201.

CL 202. Ancient Greece. 3 hours.
Greece from the Mycenaean through the Hellenistic periods; political, social, economic, and religious life of the Greek city-state and the Hellenistic kingdoms. Course Information: Same as HIST 202. *UIC GE Past course, and UIC GE World Cultures course*.

CL 203. Ancient Rome. 3 hours.
History of Rome from its origins to the end of the Roman Empire; emphasis on transformation of Rome from city-state to world empire, with attention to social, cultural, and economic background.Course Information: Same as HIST 203. *UIC GE Past course, and UIC GE World Cultures course*.

CL 204. Greek Art and Archaeology. 3 hours.
Contributions of archaeological excavations to the study of ancient Greece, 600 BC to 31 BC. Architecture, sculpture and painting in their social and historical contexts. Course Information: Same as AH 204, and HIST 204. Credit is not given for CL 204 if the student has credit in CL 215. Taught in English. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 205. Roman Art and Archaeology. 3 hours.
Contributions of archaeological excavations to the study of ancient Rome and her empire 1000 BC-400 AD. Architecture, sculpture and painting in their social and historical contexts. Course Information: Same as AH 205, and HIST 205. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 208. Classical Mythology. 3 hours.
Intensive study of the gods and heroic sagas of the cultures of the ancient Mediterranean world, through original sources in translation. Course Information: Same as RELS 208. All readings are in English. *UIC GE Individual and Society course, and UIC GE Past course*.

CL 209. Near Eastern Art and Archaeology. 3 hours.
Introduction to the art, archaeology, and material culture of ancient societies in western Asia (Mesopotamia, Syria, the Levant, Anatolia, and Iran) from the first settled villages of the Neolithic to Alexander the Great (ca 9600-330 BCE). Course Information: Same as AH 209. Credit is not given for CL 209 if the student has credit in AH 209 or ARST 209. Prerequisite(s): Sophomore standing or above. Recommended background: AH 110. Class Schedule Information: To be properly, registered students should enroll in one Lecture and one Lecture-Discussion. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 210. Ancient Egyptian Art and Archaeology. 3 hours.
Ancient Egypt from 6000-1000 BCE. Architecture, sculpture and painting in their social and historical contexts. Course Information: Same as AH 210 and BLST 210. Credit is not given for CL 210 if the student has credit in ARST 210 or AH 210 or BLST 210. Prerequisite(s): Completion of the English Composition requirement; and sophomore standing or above. Recommended background: Credit in AH 100 or AH 110. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Lecture-Discussion. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 211. Sex and Gender in the Ancient World. 3 hours.
An exploration of the construction of gender and its relationship to love and sexuality in the ancient world through literature and art. Course Information: Same as GWS 211. Prerequisite(s): Sophomore standing or above.

CL 218. Pompeii: Everyday Life in a Roman Town. 3 hours.
Examination of the Roman town of Pompeii, including its history, society, politics, economy, religion, art, architecture, and entertainments. Course Information: Same as AH 218 and HIST 218. *UIC GE Past course*.

CL 219. Sport in the Ancient World. 3 hours.
Survey of Greek and Roman sport from the Bronze Age to the demise of pagan athletic festivals in late antiquity (c. fifth century CE). Course Information: Same as HIST 219.

CL 220. Ancient Philosophy I: Plato and His Predecessors. 3 hours.
Introduction to Plato and his predecessors in the ancient period. Course Information: Same as PHIL 220. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CL 221. Ancient Philosophy II: Aristotle and His Successors. 3 hours.
Introduction to Aristotle and his successors in the ancient period. Course Information: Same as PHIL 221. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CL 225. Topics in Muslim-Jewish Relations. 3 hours.
Muslim-Jewish interactions from the rise of Islam until contemporary times, the relationship between Biblical and Quranic materials, the Jewish and Islamic interpretive tradition and the legal systems of the two religious traditions. Course Information: Same as JST 225 and RELS 225.

CL 232. The Religious World of the Earliest Christians. 3 hours.
Explores the religious world of the earliest Christians, focusing on the ways in which early Christian ideas and practices arose out of the cultures, religions, and philosophies of the ancient Mediterranean basin. Course Information: Same as HIST 232 and RELS 232. *UIC GE Past course*.

CL 242. The History of Jewish Biblical Interpretation. 3 hours.
Jewish interpretation of the Hebrew bible. A survey of the span of Jewish history and the wide range of cultural contexts that have impacted the understanding of the Torah. Same as JST 242 and RELS 242. *UIC GE Past course*.

CL 249. Beauty, Power, Imagination: The Italian Renaissance. 3 hours.
Exploration of the radical changes brought forth by the Italian Renaissance in the way people thought and acted in the world, and in almost every aspect of life: art, architecture, culture, economics, politics, and society. Course Information: Same as AH 249 and ITAL 249. Taught in English. The program includes optional activities such as field trips to the Art Institute and to the Daley Library Rare Book Collection. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

CL 250. Greek and Roman Epic Poetry. 3 hours.
The epic poems of Homer, Apollonius of Rhodes, Vergil, and others in the Greco-Roman tradition. Course Information: All readings are in English. Prerequisite(s): CL 100 or CL 101 or CL 102 or CL 103 or the equivalent. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 251. Greek Tragedy. 3 hours.
The plays of Aeschylus, Sophocles, and Euripides, and their reception. Course Information: All readings are in English. Recommended background: CL 100 and CL 102 and CL 103 or the equivalent. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 252. Greek and Roman Comedy. 3 hours.
The plays of Aristophanes, Menander, Plautus, and Terence. Course Information: All readings are in English. Recommended background: CL 100 or CL 101 or CL 102 or CL 103 or the equivalent. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 253. Roman Satire and Rhetoric. 3 hours.
A survey of Roman literature with special emphasis on satire and rhetoric. Course Information: All readings are in English. Recommended background: CL 101 or CL 102 or CL 103 or the equivalent. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 260. Near Eastern Myths & Epic. 3 hours.
Literature and religious traditions from the ancient Near East and Egypt in the first and second millennia BCE. Course Information: All texts read in translation. Prerequisite(s): Completion of the English Composition requirement; or consent of the instructor. Recommended Background: ARST 209 or ARST 210.

CL 290. History of Political Thought I. 3 hours.
Western political theorists from ancient Greece and Rome through the end of the classical era, including Thucydides, Plato, Aristotle, Cicero, and Augustine. Course Information: Same as POLS 290. Recommended background: POLS 120.

CL 291. Topics in Latin Prose Authors. 3 hours.
Readings in Latin prose chosen from a single author, period, or single genre. Course Information: Same as LAT 291. May be repeated to a maximum of 9 hours if topics vary. Taught in English. Students who register in CL 291 will complete assignments in English translation. Students who register in LAT 291 will complete more than half of the readings in Latin. Prerequisite(s): LAT 104 or equivalent for students who register in LAT 291 only. Recommended background: CL 102. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

CL 293. Following Dante: The Moral Imagination of the Divine Comedy. 3 hours.
Love. Justice. Redemption. In this class, we journey with a medieval poet whose timeless vision brings sinners, saints, and seekers to life—and reveals what it means to be human. Course Information: Same as ITAL 293 and RELS 293. Previously listed as ITAL 193. Taught in English. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 297. Studies in the Classical Tradition. 3 hours.
Examination of selected texts of ancient Greek and Roman literature, such as the novel, drama, and epic, and how they inform English and American literature and culture. Course Information: Same as ENGL 297. Prerequisite(s): CL 102; or consent of the instructor. *UIC GE Creative Arts course, and UIC GE Past course*.

CL 298. Topics in Classical Civilization. 3 hours.
Selected topics at an intermediate level in Greek and Roman civilization. Course Information: May be repeated. Students may register in more than one section per term. All readings are in English. Prerequisite(s): Any 100-level classics course or the equivalent.

CL 299. Independent Reading: Special Topics in Classics in Translation. 3 hours.
Individual study under faculty direction. Reading and papers on chosen topics for qualified students based on preparation and interest; students must confer with faculty. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor and department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

CL 304. Alexander the Great and the Hellenistic World. 3 hours.
Examines the career of Alexander the Great of Macedon and his legacy in Greece, Egypt and the Near East, up until the arrival of the Romans. Course Information: Same as AH 304. Prerequisite(s): Sophomore standing or above.

CL 340. The Trojan War and Its Legacies. 3 hours.
An examination of the literary and cultural significance of the Iliad both within its own culture, and in its continuing legacy.

CL 390. Seminar in Mediterranean Literature. 3 hours.
Comparative readings in selected texts from the literatures of Ancient Greece, Judaism, Christianity, and Islam with an emphasis on writing and research skills. Course Information: May be repeated to a maximum of 6 hours.

CL 391. Topics in Latin Poetry. 3 hours.
Advanced readings in Latin poetry chosen from a single author, period, or single genre in different periods. Course Information: Same as LAT 391. May be repeated to a maximum of 9 hours if topics vary. Taught in English. Students who register in CL 391 will complete assignments in English translation. Students who register in LAT 391 will complete more than half of the readings in Latin. Prerequisite(s): CL 250 or CL 252 or CL 253; or consent of the instructor; and LAT 291 or the equivalent for students who register for LAT 391 only. Recommended background: CL 102. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

CL 398. Advanced Topics in Classical Civilization. 1-3 hours.
Capstone research course, for variable credit. Emphasis on research and writing on an advanced topic in classical studies. Course Information: Students may either: 1) register for 1-2 credit hours of CL 398 while concurrently enrolled in a CL (or other approved) course at the 200-level or above; or 2) register for 2-3 credits as an independent study with permission of faculty. Discuss with faculty to determine appropriate number of credit hours. Prerequisite(s): At least two Classics (or approved) courses at the 100 or 200-level.

CL 399. Independent Study: Honors Project. 1-3 hours.
Selected topics for individual study. Course Information: Restricted to students seeking Highest Distinction in Classics. Prerequisite(s): A minimum 3.75/4.00 GPA in major courses and the completion of and/or concurrent registration in four advanced 200- and/or 300-level courses in the major, in consultation with the academic advisor.

CL 401. Topics in Greek History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 401. 3 undergraduate hours. 4 graduate hours. May be repeated. Prerequisite(s): 3 hours of history or classics.

CL 405. Herodotus and His World. 3 or 4 hours.
Examines the Histories of Herodotus - both the text and the culture of Classical Greece compared to the Near East and Egypt. Course Information: Same as HIST 405. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Sophomore standing or above.

CL 408. Athenian Democracy and Society in the Age of Aristophanes. 3 or 4 hours.
A careful examination of the comedies of Aristophanes, his acute criticism of Athenian politics, and his account of the war between Athens and Sparta. Course Information: Same as HIST 408. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CL 202. Recommended background: one of the following courses: CL 251, CL 252, CL 405 or HIST 405.

CL 466. Material Worlds: Topics in Material Culture Studies. 3 or 4 hours.
Examines current theories of material culture, drawn from art history, archaeology and anthropology to reflect on technologies of production and social life of things. Case studies will be drawn from ancient, medieval and modern historical context. Course Information: Same as AH 466 and ANTH 466. 3 undergraduate hours. 4 graduate hours.

CL 499. Advanced Independent Study. 3 or 4 hours.
Advanced independent study under faculty direction. Reading and papers on chosen topics for qualified students based on preparation and interest. Students must consult with faculty. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the faculty member and department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

Communication (COMM)

Courses

COMM 100. Fundamentals of Human Communication. 3 hours.
Emphasis on strategies for public speaking, public presentations, and conducting meetings. Effective approaches to audience analysis, speaker/presenter credibility, using evidence, argument development, delivery, and planning meetings. Course Information: No Credit given toward major in Communication. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. *IAI GECC Oral Comm course, and UIC GE Individual and Society course*.

COMM 101. Introduction to Communication. 3 hours.
Introduction to central concepts in communication, including key terms and theories, specific contexts and key debates. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. *UIC GE Individual and Society course*.

COMM 102. Introduction to Interpersonal Communication. 3 hours.
Effective communication in human relationships; verbal and nonverbal messages; reflective listening, disclosure, showing affection, empathy, assertiveness; handling interpersonal conflict; cultural and gender differences. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. *UIC GE Individual and Society course*.

COMM 103. Media Literacy. 3 hours.
Legacy, digital, and future media literacies. Historical and cultural contexts of media, with emphasis on individual and societal effects. Approaches to examining media and social life, technological developments, and communication trends. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. *IAI Major MC course, and UIC GE Individual and Society course*.

COMM 105. Black Film, 1900 - Present: Images, Individuals and Ideas on Screen. 3 hours.
Examination of the history of black people in film – looking both at films by black people in the United States and the diaspora, and at the relationship between black filmmakers, performers, and audiences to national and global film industries. Course Information: Same as BLST 105 and MOVI 105. *UIC GE Creative Arts course, and UIC GE US Society course*.

COMM 140. Fundamentals of Social Media and Communication. 3 hours.
Instruction and practice in the composition, analysis and dissemination of messages that employ media and social media in professional contexts. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. *UIC GE Individual and Society course*.

COMM 150. Happiness & Social Media. 3 hours.
Examines how happiness is socially imagined and constructed through technology use. Emphasis on the impact of social media and US cultures of happiness. Commodification of happiness through social media. Course Information: Some sections may be offered fully online or in a blended-online course setting. Consult the Schedule of Classes for mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161. *UIC GE US Society course*.

COMM 200. Communication Technologies. 3 hours.
Focus on historical and cultural aspects of technology, including identity, community, social justice, popular culture, everyday life. Technologies covered range from early nonverbal communication to AI and technologies of the future. Course Information: Same as MOVI 200. Some sections may be offered fully online or in a blended-online and classroom course setting. Use of computer and internet access is required for all online and blended sections. Consult the schedule of classes for mode of instruction. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161. *UIC GE Individual and Society course*.

COMM 201. Statistics in Communication Research. 3 hours.
Processes of communication research as a social science; variables, hypotheses, and theories; conceptual and operational definition; sampling; research design; statistics; use of computers for research. Course Information: Prerequisite(s): Credit or concurrent registration in COMM 101; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 103; and MATH 090 or MATH 105 or MATH 108 or any advanced math course with a minimum grade of C, or math placement above MATH 090 or MATH 105 or MATH 108.

COMM 203. Gender, Race, Inclusion and Diversity (GRID) in Communication. 3 hours.
Focus on gender, race, inclusion, and diversity (GRID) in professional, personal, and social communication contexts. Emphasis on empathy, equity, intersectionality, cultural identity, dialogue, class, power, ability, work, technology, and mobility. Course Information: Some sections may be offered fully online or in a blended-online course setting. Consult the Schedule of Classes for mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 204. Gender and Popular Culture. 3 hours.
Analysis of representations of gender and sexuality in popular and material culture, using contemporary theories. Focus is on US popular culture. Course Information: Same as GWS 204. Prerequisite(s): Sophomore standing or above; or consent of the instructor. Recommended background: Credit or concurrent registration in GWS 101 or Credit or concurrent registration in COMM 102 or Credit or concurrent registration in GWS 102 or Credit or concurrent registration in COMM 103. *UIC GE Individual and Society course, and UIC GE US Society course*.

COMM 205. The Health Media Environment. 3 hours.
Health issues coverage in the media (traditional, social, and future); misinformation, disinformation, fake news, health literacy, best practices. Foundational theory on health, news, and the media. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): Completion of the English Composition requirement.

COMM 206. Public Relations and Digital Media. 3 hours.
The basics of public relations strategy applied to a contemporary digital media environment. The ethics and practice of public relations. Course Information: Prerequisite(s): ENGL 160 and ENGL 161.

COMM 207. The Mass Media and Politics. 3 hours.
Impact of mass media coverage on political attitudes and the conduct of American politics. Communication policies and media institutions in times of rapid technological change. Course Information: Same as POLS 207. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): One course in political science, sociology or contemporary history.

COMM 210. Race, Media and Culture. 3 hours.
The construction and dissemination of race through mediated structures. Includes but not limited to news, television, children's literature, advertising, movies, music, social media, and video games. Course Information: Prerequisite(s): Completion of the English Composition requirement.

COMM 216. Digital Journalism. 3 hours.
Basics, best practices, and ethics of digital journalism. Assembling, producing, and publicizing news content for the contemporary digital news environment. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 220. Social Media and Marketing. 3 hours.
The basics of marketing in the social media age.Theoretical and practical strategies used by corporations and non-profits to leverage digital communication and enhance brand identity, loyalty, and consumer engagement. Course Information: Course may be offered in a traditional, blended, or online format. Use of computer and internet access is required for all online and blended sections. Consult the Schedule of Classes for the mode of instruction. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 225. Advertising and Society. 3 hours.
History and ethics of advertising in society and culture. Focus on controversies and exemplars, visual and design theory, and advertising processes. Emphasis on digital content creation, critique, and impact on society. Course Information: Some sections may be offered fully online or in a blended-online course setting. Consult the Schedule of Classes for mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 226. Asian American Visual Culture. 3 hours.
Introduction to the study of visual culture of and by Asian Americans. Topics include but are not limited to the analysis of advertisements, film, toys, photography, visual arts, 3D objects, printmaking, drawing, creative writing, and painting. Course Information: Same as GLAS 226. Recommended background: Grade of C or better or concurrent registration in GLAS 100 or Grade of C or better or concurrent registration in GLAS 120. *UIC GE Creative Arts course, and UIC GE US Society course*.

COMM 230. AI and Journalism. 3 hours.
Reporting with Artificial Intelligence (AI). Focus on knowledge production, research & experimentation. Infusion of AI tools into workflow. Ethical & legal copyright issues. Fact checking & transparency in the production & publishing process with AI. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 234. History of Television. 3 hours.
A critical history of television. Course Information: Same as ENGL 234 and MOVI 234. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 240. Data Journalism. 3 hours.
The basics of journalism/reporting in the social media age. Theoretical and practical strategies used gather, analyze, and report data for current events, crime, politics and other news topics toward crafting interactive storytelling. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 250. Social Media and Society. 3 hours.
Social media and AI platforms as they affect crucial social, political, and economic aspects of society. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 251. Friendship, Love, and Social Media. 3 hours.
Analysis of personal connections in the digital age. Focus on romantic relationships, friendships, families and other social relationships. Topics include identity, intimacy, and relationship development. Course Information: Previously listed as COMM 350. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested.

COMM 254. Future Television. 3 hours.
The expansion of television and the forces shaping its future. Course Information: Same as MOVI 254. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 260. Games as Social Technology. 3 hours.
Games as networked and collaborative technologies. Focus on community building and interaction; the social impact of gaming; use of gaming technologies for communication; representation in gaming. Course Information: Prerequisite(s): Completion of the English Composition requirement.

COMM 270. Digital Influencers. 3 hours.
Examines digital influencers and influencer culture. Focus on history, branding, content creation and analytics. Emphasis on impact on society, popular communication, and culture. Course Information: Some sections may be offered fully online or in a blended-online course setting. Consult the Schedule of Classes for mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 294. Introductory Topics. 3 hours.
Introductory analysis of contemporary issues in media, technology, and communication. Topics vary per semester and instructor. Course Information: May be repeated to a maximum of 9 hours of credit if topic vary. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

COMM 301. Communication Research. 3 hours.
Designs and measurements for conducting empirical analyses of communication activities in both laboratory and business settings. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 102 and COMM 103; and Credit or concurrent registration in COMM 200. Open only to juniors and seniors and quantitative reasoning requirement met.

COMM 303. Communication and Culture. 3 hours.
Examination of the relationship between communication and culture through an exploration of the general theoretical principles linking cultural influences and communicative acts. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 304. Gender and Communication. 3 hours.
Speech differences and universals across genders. Talk in gendered interaction. Communication in romantic relationships. Gender issues in work and other settings. Course Information: Same as GWS 304. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103 and Credit or concurrent registration in COMM 102 and Credit or concurrent registration in COMM 200; or GWS 204.

COMM 305. Technology and Wellness. 3 hours.
Wellness within new media technology studies. Focus on how wellness is communicated, branded, and supported and/or hindered through digital media. Emphasis on healthism, moralization, social support, capitalism, neoliberalism, and misinformation. Course Information: Some sections may be offered fully online or in a blended-online course setting. Consult the Schedule of Classes for mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103 and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 306. Organizational Communication. 3 hours.
Examination of communication issues in organizational settings. Exposure to topics such as rules, networks, leadership, and decision making as well as methods of analyzing communication problems. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 309. Environmental Communication. 3 hours.
Description and analysis of communication practices about environmental issues with attention to conflict resolution, media coverage, advocacy initiatives and marketing campaigns. Course Information: Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 311. Interviewing and Communication. 3 hours.
Study of the forms and principles of information-seeking interviews, with special attention to fact-finding and data gathering missions. Course Information: Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102 and Credit or concurrent registration in COMM 200.

COMM 315. Group Communication. 3 hours.
Study and practice in the theories and techniques of group communication; the nature of small group decision-making; observation and analysis of established work groups. Course Information: Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 316. Writing for the Electronic Media. 3 hours.
Principles of writing applied to the presentation of information in electronic media. Practical applications and analysis of relations between form and content. Course Information: Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 323. Argument and Persuasion. 3 hours.
Analysis and application of historical and contemporary theories of argument and persuasion as they function to form or change opinions and beliefs. Course Information: Same as ENGL 356. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200. English majors or minors must seek approval from the Communication department.

COMM 326. Public Relations and Social Responsibility. 3 hours.
Foundational public relations (PR) theory and practices. Focus on how PR plays a more active role in the betterment of organizations and society. Emphasis on corporate social responsibility (CSR) initiatives and case studies. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 330. Mass Media and Popular Culture. 3 hours.
A theoretical and analytical examination of the media and popular arts as cultural artifacts. Focus on form, content, design, and effects of cultural commodities. Course Information: Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 334. Latinx Sound Studies. 3 hours.
Experience and experiment with sound to imagine and enact social identities and leverage political power. Intersections of race, class, gender and sexuality, geography and citizenship through sounded and aural frameworks. Course Information: Same as LALS 335.

COMM 335. Digital Storytelling. 3 hours.
Overview of traditional storytelling followed by introduction to tools of digital storytelling. Focus on storytelling to communicate meanings about self, identity, community. Emphasis on digital ways of creating narratives that include and diversify. Course Information: Some sections may be offered fully online or in a blended-online course setting. Consult the Schedule of Classes for mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103 and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 350. Personal Relationships and Technology. 3 hours.
Analysis of personal connections in the digital age. Focus on romantic relationships, friendships, families and other social relationships. Topics include identity, intimacy, and relationship development. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 360. Public Relations Campaigns. 3 hours.
Theory and analysis of public relations campaigns. Focus on strategic communication, campaign process, research, and analysis. Emphasis on case studies, campaign plan development, and professional collaboration practice. Course Information: Some sections may be offered fully online or in a blended-online course setting. Consult the Schedule of Classes for mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103 and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 394. Special Topics in Communication. 3 hours.
Analysis of contemporary or historical issues in media and communication. Course Information: May be repeated to a maximum of 9 hours if topic is different for each registration. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200.

COMM 410. Race, Gender and Representation: Black Bodies in Media and Mass Culture. 3 or 4 hours.
Examines the ideological, cultural and economic structures that shape the representation of Black subjects in performance, visual arts, and mass media, paying close attention to gender and sexuality. Course Information: 3 undergraduate hours. 4 graduate hours. Same as BLST 410 and GWS 410. Recommended background: Three or more credit hours in Black Studies or consent of the instructor.

COMM 416. Conflict and Communication. 3 or 4 hours.
Students learn to manage and resolve conflict in business, governmental, and community settings. Practical analysis of interpersonal and group conflict cases. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): COMM 301.

COMM 423. Discourse and Rhetoric. 3 or 4 hours.
Exploration of interconnections between language and social practices with attention to multiple components of discursive situations: senders, receivers, context, code, media, and content. Course Information: Same as ENGL 463. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): COMM 301. English majors or minors must seek approval from the Communication department.

COMM 425. Digital Advocacy. 3 or 4 hours.
Social media, social movements and advocacy efforts in the digital era. Topics covered include hashtag activism, global movements, digital activism, online mobilization around social injustice. Course Information: 3 undergraduate hours. 4 graduate hours. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 428. Latin@ Futurity. 3 or 4 hours.
An exploration of utopic and dystopic imaginations in Latin@ literature, media, and popular culture. Discusses coloniality, precarity, an alternate timeline as (re)imagined through queer, indigenous, and femme epistemologies. Course Information: 3 undergraduate hours. 4 graduate hours. Same as LALS 428.

COMM 430. Media, Information and Society. 3 or 4 hours.
Exploration of social functions and the impact of information and communication technologies. Focus on facts, truth, knowledge, and values. Course Information: 3 undergraduate hours. 4 graduate hours. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 433. Mobile Media and the City. 3 hours.
Relationship between contemporary technologies - new media, urban screens, mobile and wireless technologies, ubiquitous computing - and cities. Foundational theory on mobile media and communication. Course Information: Prerequisite(s): COMM 301.

COMM 434. Global Communication Systems. 3 or 4 hours.
Structure and flow of international communication. Media organization systems. International impact of new media and information technology. Impact of U.S. media reporting on foreign affairs. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): COMM 301.

COMM 435. Data, Privacy and Ethics in the Digital Age. 3 or 4 hours.
Datafication and privacy. Topics include commodification of personal information through various devices and platforms; the quantified self; legal, ethical, and contextual approaches to privacy; politics of algorithms. Course Information: 3 undergraduate hours. 4 graduate hours. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301; or admission to the MA in Communication, Digital Media, and AI.

COMM 440. Technology, Social Justice, and Sustainable Futures. 3 or 4 hours.
Complex interplay between technology, humans and the environment. Anthropocene and climate change. Sustainable design. Electronic waste. Environmental racism. Futurology and Afrofuturism. Technological diffusion and planned obsolescence. Course Information: 3 undergraduate hours. 4 graduate hours. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301; or approval of the department.

COMM 445. Politics of Platforms. 3 or 4 hours.
Exploration of the politics embedded in digital platforms' policies and practices. Topics include content moderation, mis/disinformation, AI, digital activism, privacy and surveillance, influence, and community. Course Information: 3 undergraduate hours. 4 graduate hours. Some sections may be offered fully online or in a blended-online and classroom course setting. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 458. Minorities and Communication. 3 or 4 hours.
Description and analysis of the processes through which ethnic and racial perceptions shape public discourse. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): COMM 301.

COMM 460. Visual Communication. 3 or 4 hours.
Exploration of processes through which meaning is derived from visible signs, and the role of media images in the cultural context. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): COMM 301.

COMM 465. Video Games and Society. 3 hours.
Games and their complex socio-cultural impact on society. Explores what games say about the nature of identity, community, presence, learning, and communication. Course Information: Prerequisite(s): COMM 301.

COMM 467. Public Opinion and Political Communication. 3 or 4 hours.
Nature of public opinion and political communication systems. Patterns of opinion distribution and its measurement. Forces shaping public opinion and its impact on public policy. Course Information: Same as POLS 467. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): POLS 200 or the equivalent or consent of the instructor.

COMM 470. Communication and Music. 3 hours.
Study of music as a medium of communication, including the use of various platforms of music creation, performance, and consumption, roles of fans, musicians, and the music industry, and the use of AI and cultural practices in music. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 471. Communication and Sound. 3 hours.
Study of sound communication, technology, new media, and AI. Understanding of audio recording, reproduction, manipulation, and design. Theory of sound including history, technology, culture, method, and practices. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 474. Internship. 1-8 hours.
Students work in an approved professional setting. Individual projects developed through conferences with a faculty member and a field supervisor. Course Information: May be repeated to a maximum of 8 hours. No more than 3 credit hours of COMM 474 or COMM 498 may be applied toward the major. May not be counted toward the minimum Master of Arts degree requirements. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): Approval of the Department.

COMM 490. Seminar in Culture and Communication. 3 hours.
Analysis of contrastive cultural paradigms (interethnic, gender, class) to develop student's awareness of own socialization and cultural orientation. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 491. Seminar in Media and Communication. 3 hours.
Analysis of contemporary or historical issues in mediated communication. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 493. Communication and Social Networks. 3 hours.
Examines the impact and significance of social networks as a construct and platform for reshaping and restructuring of our media, political institutions, and democracy. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 494. Special Topics in Communication. 3 or 4 hours.
Contemporary trends in the field of communication. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s). Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 495. Happiness and Social Media. 3 or 4 hours.
Examines how happiness is imagined, constructed, and lived through daily experiences with technology. Emphasis on the impact of social media on feelings of happiness. Focus on historical, cross-cultural, and diverse understandings of well-being. Course Information: 3 undergraduate hours. 4 graduate hours. Some sections may be offered fully online or in a blended-online course setting. Consult the Schedule of Classes for mode of instruction. Use of computer and internet access is required for all online and blended sections. A high-speed connection, while not required, is strongly suggested. Prerequisite(s): COMM 301.

COMM 498. Independent Study. 1-4 hours.
Individual investigation of special problems (student-initiated or related to faculty research). May be used for special projects, such as interdisciplinary seminars. Course Information: May be repeated to a maximum of 8 hours. No more than 3 credit hours of COMM 474 or COMM 498 may be applied toward the major. Credit earned may not be applied toward the minimum Master of Arts in Communication degree requirements. Prerequisite(s): Approval of the Department and Junior or Senior standing.

Community Health Sciences (CHSC)

Courses

CHSC 411. Nutrition for Public Health Professionals. 3 hours.
Foundation course to introduce nutrition principles and their application to public health populations and problems. Course Information: Prerequisite(s): Graduate or professional standing; or approval of the department.

CHSC 415. Racism and Health: History and Embodiment of a Harmful Illusion. 3 hours.
Explores the underlying power hierarchy and set of false ideas that give rise to numerous “risk factors” for poor health in contemporary racialized society. Course Information: The course format will be weekly lectures and group discussions. Three short papers and a book report will be assigned. Prerequisite(s): Graduate or professional standing; or consent of the instructor.

CHSC 421. Community Health 1: Assessing, Promoting and Improving Community Health. 4 hours.
Provides an introduction to theory and methods for community health assessment, promotion, and improvement. Course Information: Credit is not given for CHSC 421 if the student has credit in CHSC 431 or CHSC 480. Field work required. Prerequisite(s): Credit or concurrent registration in IPHS 401 and credit or concurrent registration in IPHS 402. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CHSC 422. Community Health 2: Evidence-Informed Community Health Interventions. 4 hours.
Provides an introduction to quantitative, qualitative and mixed research methods which are applied in planning, implementing, and evaluating evidence-informed community health interventions and policies. Course Information: Credit is not given for CHSC 422 if the student has credit for 433 or CHSC 446. Field work required. Prerequisite(s): CHSC 421 and Credit or concurrent registration in IPHS 403. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CHSC 423. Community Health 3: Professional Development for Public Health Practice. 4 hours.
Emphasizes critical thinking, communication and professional development skills for public health practice and prepares students to complete an integrative individual capstone project. Course Information: Prerequisite(s): CHSC 421 and CHSC 422.

CHSC 430. Public Health Policy and Advocacy. 3 hours.
Frameworks and tools for understanding, developing and analyzing public health policy issues and processes. Course Information: Credit is not given for CHSC 430 if the student has credit for HPA 432. Prerequisite(s): IPHS 401; and graduate standing; or approval of the department. MPH and Certificate students in Community Health Sciences will have priority in registration.

CHSC 433. Public Health Planning and Evaluation. 3 hours.
Planning, implementation and evaluation of community health programs, including proposal development and evaluation and considerations for community/consumer involvement throughout the process. Course Information: Prerequisite(s): Credit or concurrent registration in BSTT 400 and Credit or concurrent registration in CHSC 431 and Credit or concurrent registration in CHSC 480; and graduate or professional standing; or approval of the department. MPH and Certificate students in Community Health Sciences will have priority in registration.

CHSC 434. Introduction to Qualitative Methods in Public Health. 3 hours.
Introduction to major methods and techniques used in qualitative research (observation, participant observation, in-depth interviews, focus groups); includes field and in-class exercises, and introduces computer-assisted qualitative data analysis. Course Information: Prerequisite(s): CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 446. Research Methods in Community Health. 3 hours.
Principles and techniques for scientific investigation of problems in public health research and practice. Course Information: Prerequisite(s): CHSC 421 and CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 447. Survey Planning and Design. 3 hours.
Theory and applications of sample survey planning and design for conducting research in health sciences and related fields. Addresses three major topics: survey design and planning, sampling, and data collection procedures. Course Information: Same as PA 447. Prerequisite(s): CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 460. Public Health Emergency Preparedness and Response. 3 hours.
Provides an overview of and introduction to public health emergency preparedness concepts and practice. Course Information: Same as EOHS 406. Prerequisite(s): Graduate or professional standing.

CHSC 461. Public Health Emergency Preparedness and Response Assessment Methods. 4 hours.
Focuses on analytic skills and assessment tools used in public health emergency preparedness and response activities.

CHSC 462. Public Health Emergency Preparedness and Response Management. 4 hours.
Focuses on the management of public health emergency preparedness and response activities.

CHSC 464. Survey of Developmental Disabilities. 3 hours.
Survey of the developmental disabilities field, including basic definitions, history of DD services, relevant public policies and legislation, service delivery systems, and research. Course Information: Same as DHD 464. Prerequisite(s): Graduate standing or consent of the instructor.

CHSC 485. Communications, Mass Media and Public Health. 3 hours.
Examines the development, theoretical basis, and applications of mass media strategies in public health. Course Information: Prerequisite(s): CHSC 421 and credit or concurrent registration in CHSC 422; and graduate or professional standing; or approval of the department.

CHSC 494. Special Topics in Community Health Sciences. 1-4 hours.
Study of topics in maternal and child health, gerontology, behavioral science of health and illness, international health, community health and public health practice. Course Information: May be repeated. Students may register in more than one section per term. Topics vary by semester. Prerequisite(s): Consent of the instructor. Restricted to graduate or professional standing, or consent of the instructor.

Computer Science (CS)

Courses

CS 100. Discovering Computer Science. 3 hours.
Fundamentals of computing; history of computation; computer organization; program design, testing and debugging; web design; computer animation; software tools; societal and legal issues in computing. Course Information: Credit is not given for CS 100 if the student has credit in CS 111 or CS 112 or CS 113 or CS 107 or CS 109 or MCS 160 or MCS 260. No graduation credit given to students enrolled in a major offered by the Departments of Biomedical Engineering, Chemical Engineering, Civil Materials and Environmental Engineering, Computer Science, Electrical and Computer Engineering, or Mechanical and Industrial Engineering. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion. *UIC GE Natural World No Lab course*.

CS 107. Introduction to Computing and Programming. 4 hours.
Access and use of computing resources. Programming and program design. Problem solving. Data types, control structures, modularity, and information hiding. Course Information: Credit is not given for CS 107 if the student has credit in CS 141. Previously listed as EECS 171. Prerequisite(s): Credit or concurrent registration in MATH 180. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

CS 109. Programming for Engineers with MatLab. 3 hours.
Program design and problem solving using MATLAB. Numeric computation, data types and operators, control structures, functions, file I/O, arrays and structures. Engineering applications: Matrices, equation solution. Programming assignments. Course Information: Credit is not given for CS 109 if the student has credit for CS 107 or CS 111 or CS 112 or CS 113 or MCS 160 or MCS 260. Extensive computer use required. Prerequisite(s): Credit or concurrent registration in MATH 180. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

CS 111. Program Design I. 3 hours.
Introduction to programming: control structures; variables and data types; problem decomposition and procedural programming; input and output; aggregate data structures including arrays; programming exercises. Course Information: 3 hours. Extensive computer use required. Credit is not given for CS 111 if student has credit in CS 107 or CS 109 or CS 112 or CS 113 or MCS 160 or MCS 260. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CS 112. Program Design I in the Context of Biological Problems. 3 hours.
Introduction to programming using Biology as the context for programming in a high-level language; control structures, variables, simple and aggregate data types; problem-solving techniques; biology topics include central dogma and genetics. Course Information: Same as BIOS 112. Credit is not given for CS 112 if the student has credit in CS 107 or CS 109 or CS 111 or CS 113 or MCS 160 or MCS 260. Course Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

CS 113. Program Design I in the Context of Law and Public Policy. 3 hours.
Introduction to programming using law and public policy as the context for programming; control structures, variables, simple and aggregate data types; problem-solving techniques; legal topics: security, privacy, encryption, and predictive policing. Course Information: Credit is not given for CS 113 if the student has credit in CS 107 or CS 109 or CS 111 or CS 112 or MCS 160 or MCS 260. Class Schedule Information: To be properly registered, students must enroll in on Laboratory and one Lecture-Discussion.

CS 141. Program Design II. 3 hours.
Data abstraction and modular design; recursion; lists and stacks; dynamic memory allocation; file manipulation; programming exercises. Course Information: 3 hours. Previously listed as CS 102. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 111 or Grade of C or better in CS 112 or Grade of C or better in CS 113 or Grade of C or better in CS 107 or Grade of C or better in CS 109; and Credit or concurrent registration in MATH 180. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

CS 151. Mathematical Foundations of Computing. 3 hours.
Discrete mathematics concepts fundamental to computing: propositional logic, predicates and quantifiers; proofs; sets; recursive definitions and induction; functions, relations and graphs; combinatorics and discrete probability; applications. Course Information: 3 hours. Credit is not given for CS 151 if the student has credit in MCS 361. Prerequisite(s): Grade of C or better in CS 111 or Grade of C or better in CS 112 or Grade of C or better in CS 113 or Grade of C or better in CS 107 or Grade of C or better in CS 109 or Grade of C or better in MCS 160; and Credit or concurrent registration in MATH 180; or appropriate score on the department placement test Note that a grade of C in MCS 260 (the prior course number for MCS 160) is also considered a valid prerequisite replacement for MCS 160. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

CS 194. Special Topics in Computer Science. 1-3 hours.
Multidisciplinary computer science topics at first-year level that vary from term to term depending on current student and instructor interests.

CS 211. Programming Practicum. 3 hours.
Software development tools and practices; debugging and testing; advanced language features; standard libraries; code management. Course Information: 2 hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 141; or Grade of C or better in CS 107. The option to use CS 107 as a prerequisite (in place of CS 141) is only for Computer Engineering majors or students doing a Computer Engineering minor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion.

CS 218. Data+Artificial Intelligence. 3 hours.
Applied introduction to basic Data Science and Artificial Intelligence (AI) skills, analyzing and representing data. Data-oriented professional communication and problem-solving. Cross-disciplinary team projects using a wide range of datasets. Course Information: Extensive computer use required. Prerequisite(s): MATH 105 or MATH 110 or ACTG 210 or ECON 120 or STAT 101; and ENGL 161; and junior standing or above; or consent of the instructor. Higher level MATH courses can substitute MATH/ACTG/ECON/STAT prerequisite. Recommended background: General computer literacy. Students will need a laptop for use both in class and for assignments.

CS 251. Data Structures. 4 hours.
Design, usage and analysis of data structures: review of lists, stacks and queues; hash tables, priority queues, search trees, introduction to graphs; searching and sorting; runtime analysis; programming projects and lab exercises. Course Information: 4 hours. Prerequisite (s): Grade of C or better in CS 141 or Grade of C or better in CS 107; and Grade of C or better in CS 151; and Credit or concurrent registration in CS 211 or Credit or concurrent registration in ECE 266. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

CS 261. Machine Organization. 4 hours.
Data representation and computer arithmetic; machine language; addressing; memory hierarchy; subroutines; data structures; processor architecture: hardware components, pipelining. Course Information: Credit is not given for CS 261 if the student has credit for ECE 267 or ECE 366. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 141; and Credit or concurrent registration in CS 211. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

CS 277. Technical and Professional Communication in Computer Science. 3 hours.
Communication skills for computing students and professionals in various contexts: technical writing, portfolios, job interviews, demos, sales, with speech organization, visuals, and delivery. Attendance, participation, and presentations required. Course Information: Prerequisite(s): CS 141. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

CS 292. Undergraduate Teaching Assistants Training. 1 hour.
Required for all first-time, CS undergraduate TAs; filling out timesheets; working with students; supporting professors; holding office hours; leading labs; grading assignments; accommodations and accessibility. Course Information: Prerequisite(s): Hired first-time TA's in the Department. There are no course prerequisites. Meets eight weeks of the semester. On-campus class meets the first 8 weeks of the semester; there will be occasional Zoom meetings and asynchronous work during the second 8 weeks of the semester.

CS 294. Special Topics in Computer Science. 1-3 hours.
Multidisciplinary computer science topics at sophomore level that vary from term to term depending on current student and instructor interests. Course Information: Prerequisite(s): Consent of the instructor.

CS 301. Languages and Automata. 3 hours.
Regular sets and finite automata. Context-free languages and push-down automata. Parsing. Computability theory including Turing machines and decidability. Course Information: Previously listed as EECS 361. Prerequisite(s): Grade of C or better in CS 151; and Credit or concurrent registration in CS 251. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CS 341. Programming Language Design and Implementation. 3 hours.
Programming language paradigms, design and implementation: syntax and semantics; parsing; runtime systems; control; data types; subroutines and exceptions; data and procedural abstraction; functional programming. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in CS 211 and Grade of C or better in CS 251.

CS 342. Software Design. 3 hours.
Software design principles and practices: Object-oriented design; design patterns; software reuse; testing; event driven programming and concurrency; graphical user interface design and development; Team development. Course Information: Extensive computer use required. Credit is not given for CS 342 if the student has credit for CS 340. Prerequisite(s): Grade of C or better in CS 251 and Grade of C or better in CS 211.

CS 351. Advanced Data Structure Practicum. 3 hours.
Design and implementation details of advanced data structure and non-trivial algorithms with an emphasis on amortized analysis. Course Information: Prerequisite(s): Grade of C or better in CS 251; and Grade of C or better in CS 211.

CS 361. Systems Programming. 4 hours.
Study of computer systems emphasizing impact on application level programming. Virtual memory and memory management; code optimization; system-level I/O; concurrency: processes, threads, synchronization; introduction to network programming. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in CS 251 and Grade of C or better in CS 211; and CS 261. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

CS 362. Computer Design. 4 hours.
Computer hardware building blocks. logic gates; combinational circuits; arithmetic circuits; flip flops and sequential circuits; registers and memory; CPU design; I/O design. Course Information: 3 hours. Extensive computer use required. Credit is not given for CS 362 if the student has credit in ECE 265. Prerequisite(s): Grade of C or better in CS 211; and CS 261. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

CS 377. Ethical Issues in Computing. 3 hours.
Communication skills for computing professionals: presentation organization, visual aides, delivery techniques, argument support. Ethical and societal issues in computing: privacy, intellectual property and ownership, crime. Course Information: 3 hours. Extensive computer use required. Prerequisite(s): Credit or concurrent registration in CS 251. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

CS 378. Framework-based Software Development for Hand-held Devices. 3 hours.
Multi-platform app development using software frameworks; the integration of framework-generated code with native code of mobile operating systems; numerous programming assignments in multiple programming languages. Course Information: Prerequisite(s): CS 342.

CS 391. Computer Science Practicum. 1 hour.
Provides students with the opportunity to apply the skills and knowledge gained in previous engineering courses within a professional, working environment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 3 hour awarded toward degree requirements. Prerequisite(s): Approval of the Department.

CS 394. Special Topics in Computer Science. 1-3 hours.
Multidisciplinary computer science topics at junior-senior level that vary from term to term depending on current student and instructor interests. Course Information: Prerequisite(s): Consent of the instructor.

CS 398. Undergraduate Design/Research. 1-3 hours.
Design and/or research experience for undergraduate Computer Science majors under close supervision of a CS faculty member. Course Information: Previously listed as EECS 398. Prerequisite(s): Consent of the instructor.

CS 401. Computer Algorithms I. 3 or 4 hours.
Design and analysis of computer algorithms. Divide-and-conquer, dynamic programming, greedy method, backtracking. Algorithms for sorting, searching, graph computations, pattern matching, NP-complete problems. Course Information: Same as MCS 401. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MCS 360; or Grade of C or better in CS 251.

CS 402. Algorithms in Practice. 3 or 4 hours.
Design, implementation and presentation of algorithms and data structures emphasizing dynamic programming and both exact and heuristic approaches to NP-hard problems; problem solving sessions, programming projects and presentations. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 401; and consent of the instructor.

CS 407. Economics and Computation. 3 or 4 hours.
Techniques for analysis of markets, making decisions with other strategic agents, and understanding how algorithms affect the incentives of market participants. These include game theory, mechanism design, auction theory, and social choice theory. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 251.

CS 411. Artificial Intelligence I. 3 or 4 hours.
Definitions of intelligence and AI, autonomous agents, architectures of agents and types of environments, search techniques, adversarial search, search in complex environments, logic and probability, learning, generative AI. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 251.

CS 412. Introduction to Machine Learning. 3 or 4 hours.
Mechanism, implementation, and application of systems that improve automatically based on past experience, including classification, density estimation, clustering, and online learning tasks and solutions. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. MATLAB will be used for some of the homework assignments, but prior experience with it is not required. Prerequisite(s): Grade of C or better in CS 251; and IE 342 or STAT 381 or ECE 341.

CS 415. Computer Vision I. 3 or 4 hours.
Fundamental concepts and techniques in computer vision; image filtering, feature detection, description, matching, image segmentation, and object recognition; hands-on projects and assignments. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for CS 415 if the student has credit in ECE 415. Prerequisite(s): CS 202 or MCS 360; or consent of the instructor.

CS 418. Introduction to Data Science. 3 or 4 hours.
Provides an in-depth overview of data science in engineering. Topics include modeling, storage, manipulation, integration, classification, analysis, visualization, information extraction, and big data in the engineering domain. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 251; and STAT 381 or IE 342 or ECE 341.

CS 421. Natural Language Processing. 3 or 4 hours.
Design of natural language processing systems; part-of speech tagging, statistical and symbolic parsers; semantic interpretation; discourse and dialogue processing; natural language generation; applications. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 301 or MCS 441.

CS 422. User Interface Design and Programming. 3 or 4 hours.
User interface design, implementation, and evaluation: user-centered design methodologies, windowing systems, I/O devices and techniques, event-loop programming, user studies. Programming projects. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 342.

CS 423. Natural User Interactions. 3 or 4 hours.
Introduces students to the field of natural user interactions, including topics such as design principles, hardware-to-software development pipeline (including various existing platforms, toolkits and APIs), as well as effective evaluation techniques. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 342. Recommended background: CS 422 or CS 522.

CS 424. Visualization and Visual Analytics. 3 or 4 hours.
Geospatial visualization, scientific visualization, medical visualization, information visualization, and social network visualization, interaction, data analysis, human factors, dynamic data, privacy, uncertainty, data transforms. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 251.

CS 425. Computer Graphics I. 0-4 hours.
Principles of interactive computer graphics. Raster and vector display, techniques and hardware considerations. Introduction to two-dimensional and three dimensional rendering. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 251. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

CS 426. Video Game Design and Development. 3 or 4 hours.
Theory and practice of video game design and programming. Students will form interdisciplinary teams, to design, build and demonstrate video games or related interactive simulation environments. Course Information: Same as DES 426. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 251; or Grade of C or better in DES 450.

CS 427. Creative Coding. 3 or 4 hours.
Creative Coding investigates how contemporary computational techniques can inspire novel forms of art making, providing students with the skills to make use of technology for expressive purposes. Course Information: Same as DES 427. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 251.

CS 428. Virtual, Augmented and Mixed Reality. 3 or 4 hours.
Virtual reality, augmented reality, and mixed reality environments, display devices, input devices, tracking, navigation, interaction, collaboration, generating visuals and sounds, software tools, applications, evaluation, safety. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): CS 342; or consent of the instructor.

CS 440. Software Engineering I. 3 or 4 hours.
Software life-cycle model, requirement specification techniques, large-scale software design techniques and tools, implementation issues, testing and debugging techniques, software maintenance. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as EECS 470. Prerequisite(s): CS 342.

CS 441. Engineering Distributed Objects For Cloud Computing. 3 or 4 hours.
Provides a broad but solid overview of engineering distributed object for cloud computing. Students will learn the theory and principles of engineering distributed objects for cloud environments. Programming assignments required. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 341 or Grade of C or better in CS 342; and Grade of C or better in CS 361.

CS 442. Software Engineering II. 3 or 4 hours.
Advanced concepts in software development: requirements engineering, cost estimation, risk analysis, extreme programming, regression test case selection, and design patterns. Software lab assignments required. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): CS 440.

CS 450. Introduction to Networking. 3 or 4 hours.
Network protocols, algorithms, and software issues. Topics include the Open Systems Interconnect model, data link, network and transport layers, TCP/IP, ATM, mobile networks. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for CS 450 if the student has credit for ECE 433. Prerequisite(s): CS 361.

CS 453. Introduction to Parallel and Distributed Processing. 3 or 4 hours.
Foundations of parallel and distributed processing; clusters and parallel systems; communication primitives; programming with MPI; scalability; distributed graph algorithms; distributed mutual exclusion, deadlock detection, peer-to-peer systems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 251. Recommended background: CS 401.

CS 454. Principles of Concurrent Programming. 3 or 4 hours.
Focuses on the foundations and basic principles of concurrent programming, covering high-level notions of concurrent correctness and connecting those abstract concepts to real-world programming constructs and algorithms used in practice. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 361.

CS 455. Introduction to High Performance Computing. 3 or 4 hours.
Explore the foundations of high-performance computing (HPC), the architecture of supercomputers, and the challenges in developing massive heterogeneous systems to address complex real-world problems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 361; or consent of the instructor.

CS 461. Operating Systems Design and Implementation. 3 or 4 hours.
Kernel design and implementation; process management; effective management of machine resources: resource allocation and scheduling, mutual exclusion, deadlock avoidance, memory management policies, devices and file systems, and client-server systems. Course Information: 3 undergraduate hours; 4 graduate hours. Previously listed as CS 385. Extensive computer use required. Prerequisite(s): CS 361.

CS 463. Systems Performance and Concurrent Computing. 3 or 4 hours.
Understanding the many systems factors that affect program performance, including program design for concurrent computing, profiling and program optimization. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 361. Recommended Background: CS 461.

CS 466. Computer Architecture. 3 or 4 hours.
Design principles of computer architecture. Topics include: instruction set architecture, pipelining, instruction-level parallelism, caches, main memory, and thread-level parallelism. Course Information: Same as ECE 466. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 366 or CS 261.

CS 468. Network Security. 3 or 4 hours.
Introduces basic concepts of security and privacy, and covers the principles and practice of network security. Given the ubiquitousness of network communications, this course explores a range of systems and applications, and the threats they face. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 361.

CS 472. Provably Correct Programming. 3 or 4 hours.
Introduction to interactive theorem proving and program logics, with the goal of specifying and proving the correctness of programs. Learn to develop machine-assisted formal mathematical proofs and prove that programs satisfy their specifications. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): CS 341 or consent of the instructor. Recommended background: CS 341 or experience with functional programming.

CS 473. Compiler Design. 3 or 4 hours.
Language translation: lexical analysis, parsing schemes, symbol table management, syntax and semantic error detection, and code generation. Development of fully-functional compiler. Course Information: Same as MCS 411. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 301 or Grade of C or better in MCS 441; and Grade of C or better in CS 251 or Grade of C or better in MCS 360; and Grade of C or better in CS 261.

CS 474. Object-Oriented Languages and Environments. 3 or 4 hours.
Data abstraction, classes and objects, messages and methods, polymorphism and dynamic binding, inheritance. Object-oriented design. Pure and hybrid object-oriented languages. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as EECS 474. Prerequisite(s): CS 342.

CS 475. Object-Oriented Programming. 3 or 4 hours.
OO Paradigm: classes, messages, methods, variables, inheritance, polymorphism; the C++ and Java languages; programming labs required. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for CS 475 if the student has credit for CS 340 or CS 474. Extensive computer use required. Prerequisite(s): CS 202; and consent of the instructor.

CS 476. Programming Language Design. 3 or 4 hours.
Definition, design, and implementation of programming languages. Syntactic and semantic description; variable bindings, control and data structures, parsing, code generation, optimization; exception handling; data abstraction. Course Information: Same as MCS 415. 3 undergraduate hours. 4 graduate hours. Previously listed as EECS 476. Prerequisite(s): MCS 360; or CS 341.

CS 477. Public Policy, Legal, and Ethical Issues in Computing, Privacy, and Security. 3 or 4 hours.
Contemporary topics involving legal, public policy, and/or ethical issues in computing, especially privacy, security, and surveillance. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

CS 478. Software Development for Mobile Platforms. 3 or 4 hours.
Design and implementation of mobile applications; operating systems, object-oriented languages and programming environments for mobile platforms; integration with hardware components; and location-aware applications. Programming assignments required. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): CS 342.

CS 479. Wearables and Nearables Technology Laboratory. 3 or 4 hours.
Practical experience in design and development of wearable and nearable devices. Acquisition and processing of sensors data. Design and development of user-friendly user interface. Course Information: Same as BME 479. 3 undergraduate hours; 4 graduate hours. Extensive computer use required. Prerequisite(s): BME 240; or CS 251; or consent of the instructor. Recommended background: ECE 210 and CS 109.

CS 480. Database Systems. 3 or 4 hours.
Database design, logical design, physical design. Relational databases. Recovery, concurrency control. Normalization. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 251.

CS 483. Big Data Mining. 3 or 4 hours.
Data mining for very large datasets from a foundational and practical standpoint including similarity search, data-stream processing, advanced technology for search engines, recommendation systems, and graph analytics. Course Information: 3 undergraduate hours; 4 graduate hours. Credit is not given for CS 483 if the student has credit in CS 583. Prerequisite(s): Grade of C or better in CS 251; and ECE 341 or IE 342 or STAT 381. Recommended background: CS 401 and CS 480.

CS 484. Secure Web Application Development. 3 or 4 hours.
Web applications integrate concepts from software engineering, systems programming, and computer security. Teaches security through web development, enabling students to design, deploy, scale, attack, and defend modern web applications. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Credit or concurrent registration in CS 341.

CS 485. Networked Operating Systems Programming. 4 or 5 hours.
Concepts, design, and programming of multi-process and distributed systems; inter-process communications; fault tolerance; distributed programming semantics. Programming assignments and project required. Course Information: 4 undergraduate hours. 5 graduate hours. Previously listed as EECS 471. Prerequisite(s): CS 385.

CS 487. Building Secure Computer Systems. 3 or 4 hours.
Building and programming secure systems; protecting systems from threats and reduction of vulnerabilities; Includes application, host and network security. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 385; and senior standing or above; or consent of the instructor.

CS 488. Introduction to Cryptography. 3 or 4 hours.
Foundational concepts: encryption schemes, hash functions, message authentication codes, digital signatures. Practical systems: stream and block ciphers, SHA. Advanced topics: secure computation, zero-knowledge proofs, blockchain. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Prerequisite(s): Grade of C or better in CS 251; and IE 342 or STAT 381 or STAT 401.

CS 489. Human Augmentics. 3 or 4 hours.
Study of technologies for augmentation of human capabilities; human limitations; implants and wearable technologies; implants; brain-computer interfaces; exoskeletons; sensors and networks. Includes project work. Course Information: Same as BME 489. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in CS 251; or consent of the instructor.

CS 491. Seminar. 1-4 hours.
Topics of mutual interest to a faculty member and a group of students. Offered as announced by department bulletin or the Timetable. Course Information: May be repeated. Previously listed as EECS 491. Prerequisite(s): Consent of the instructor.

CS 494. Special Topics in Computer Science. 1-4 hours.
Multidisciplinary computer science topics for undergrad seniors and graduate student that vary from term to term depending on current student and instructor interests. Course Information: 1 to 3 undergraduate hours; 2 to 4 graduate hours. Prerequisite(s): Consent of the instructor.

CS 499. Professional Development Seminar. 0 hours.
Graduating seniors will be provided with information regarding future career paths and will provide information regarding the program to be used for assessment purposes. Students take the CS Major Field Exam as part of this course. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to seniors; and approval of the department. Must be taken in the student's last semester of study.

Criminology, Law, and Justice (CLJ)

Courses

CLJ 101. Introduction to Criminology, Law, and Justice. 3 hours.
Introduction to key components of the justice system (including police, courts, and corrections) and contemporary trends in crime and delinquency. Critiques of the effectiveness and fairness of the system and emerging ideas for advancing justice. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *IAI Major CRJ course, and UIC GE US Society course*.

CLJ 102. Foundations of Law and Justice. 3 hours.
Philosophical origins and historical development of U.S. criminal law in comparative perspective. Transformation of rights and due process; approaches to punishment and social control; legal institutions and procedures. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE US Society course*.

CLJ 110. Rights, Justice and the Law. 3 hours.
The historical development, philosophical justification and political underpinnings of the human rights framework. Exploration of specific human rights in U.S. vs. non-U.S. contexts. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE US Society course*.

CLJ 114. Race, Class, Gender and the Law. 3 hours.
Exploration of the relationship between social inequality and law/justice in the US, with specific attention to the importance of race, class, and gender. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE US Society course*.

CLJ 120. Crime and Society. 3 hours.
An introduction to theories of social deviance and control. The historical development, empirical basis, strengths, and limitations of various theories are analyzed. Course Information: This course may be taught in a blended-online and classroom format. When that is the case, use of a computer and Internet access will be required. A high-speed connection is strongly recommended. Please check the online class schedule for blended-online sections. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE US Society course*.

CLJ 121. Violence in Society. 3 hours.
Theoretical perspectives on the causes and consequences of violence in society. Examination of violence perpetrated by individuals, groups, and the state. Course Information: This is a blended-online and classroom course. Use of a computer and Internet access is required. A high-speed connection, while not required, is strongly suggested. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE US Society course*.

CLJ 122. Gangs and the Media. 3 hours.
Popular images of gangs in the mass media are contrasted with perspectives from social science literature. Course Information: Blended online and classroom course. Use of computer and internet access is required. A high speed connection, while not required, is strongly suggested. *UIC GE US Society course*.

CLJ 123. True Crime: The Allure, Ethics, and Politics of the Genre. 3 hours.
The evolution of the true crime genre throughout U.S. history, exploring how these narratives reveal changing attitudes about gender, mental health, morality, and race as well as shifting criminological theories and practices. Course Information: Same as ENGL 126. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

CLJ 200. Law and Society. 3 hours.
Development of law and legal institutions from historical, comparative, and contemporary perspectives; interrelationships of law, custom, morality, and social change; the legal profession. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE US Society course*.

CLJ 210. Principles of Criminal Law. 3 hours.
A survey of the basic principles of criminal law and procedure: proof of fact, act and intent, responsibility.

CLJ 220. Criminology. 3 hours.
Introductory survey of theories exploring the origins, organization, meanings, and control of crime. Course Information: Same as SOC 231. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI Major CRJ course*.

CLJ 230. Migrant Criminalization and Justice. 3 hours.
Examination of US immigration and its relation to law and policy, focusing on the rise of punitive state actions, the criminalization of noncitizens, and societal impacts and responses, including movements for migrant rights and justice. *UIC GE US Society course*.

CLJ 261. Research Methods I. 3 hours.
Introduction to research in criminology, law, and justice. From conceptualization to description of results. Research design, observation, archival, survey, and experimental methodologies in criminology, law, and justice related settings. Course Information: Prerequisite(s): Sophomore standing or above.

CLJ 262. Research Methods II. 3 hours.
Statistical data analysis in the criminology, law, and justice context. Probability, t-tests, correlation, regression, sampling theory, tests of significance. Problems with police and crime survey data. Course Information: Prerequisite(s): MATH 090 or MATH 105 or MATH 108.

CLJ 265. Intergroup Dialogue in Criminology, Law, and Justice. 3 hours.
A dialogue intensive course that explores social identity and access to power and privilege in the criminal justice system. Students will explore these themes by reading, discussing, and analyzing scholarly texts as well as their own experiences. Course Information: Recommended background: Grade of C or better in CLJ 101.

CLJ 271. Race and the Politics of Incarceration. 3 hours.
Examines how incarceration and criminalization affects black people in contemporary society. Course Information: Same as BLST 271 and SOC 271. Prerequisite(s): Grade of C or better or concurrent registration in BLST 100 or Grade of C or better or concurrent registration in SOC 100 or Grade of C or better in CLJ 101. *UIC GE Individual and Society course, and UIC GE US Society course*.

CLJ 293. Legal Drama: Trials in Film and Theater. 3 hours.
An exploration of justice and the law in French history and visual culture, as depicted in films, plays, and transcripts. A comparative approach to justice in French and US contexts. Course Information: Same as FR 293. Taught in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

CLJ 303. Introduction to Forensic Science. 3 hours.
Examines the basic principles and judicial uses of forensic science. Reviews the applications of the biological, physical, and behavioral sciences to questions of evidence and the law. Course Information: Prerequisite(s): Junior standing and major in either Criminology, Law, and Justice or a natural sciences discipline; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

CLJ 311. Criminal Procedure. 3 hours.
Legal problems associated with the investigation of crime, acquisition of evidence, commencement of adjudication, sentencing and appellate rights. Course Information: Prerequisite(s): One 200-level criminology, law, and justice course.

CLJ 321. Youth, Crime, Law and Justice in Society. 3 hours.
Theories of juvenile delinquency and rule-breaking; juvenile rights; organization and administration of the juvenile justice system in the U.S. Course Information: Previously listed as CLJ 421. Prerequisite(s): CLJ 101 and two 200-level CLJ courses; or consent of the instructor.

CLJ 340. Immigration, Law, and Rights. 3 hours.
Explores the histories, cultures, and experiences of immigration to the United States by examining legal discourses and historical analyses alongside cultural productions such as literary and visual narratives. Course Information: Same as GLAS 340. Prerequisite(s): Grade of C or better in GLAS 100.

CLJ 345. Police in Society. 3 hours.
The functions and organization of police/investigative agencies, especially those on the local level, the nature of the experience of being a police officer. Course Information: Prerequisite(s): CLJ 101 and two 200-level criminal justice courses; or consent of the instructor.

CLJ 350. Courts in Society. 3 hours.
Behavior and structure of state and federal criminal courts including preadjudication processing, prosecutorial and defense decisions, guilty-plea processes, bench and jury trials, sentencing, judicial selection, court administration. Course Information: Prerequisite(s): CLJ 101 and two 200-level criminology, law, and justice courses; or consent of the instructor.

CLJ 355. Punishment, Prisons and Corrections. 3 hours.
A survey of American corrections from local jails to mega prisons; correctional field services; probation and parole and recent developments in alternatives to incarceration. Course Information: Prerequisite(s): CLJ 101 and two 200-level criminology, law, and justice courses; or consent of the instructor.

CLJ 356. Community Corrections and Reentry. 3 hours.
Experience of the reentry process in the context of enrollment in programs organized for supervising offenders in community setting, such as probation, parole, halfway houses, restitution, treatment facilities, community service, home confinement. Course Information: Previously listed as CLJ 456. Prerequisite(s): CLJ 101 and two 200-level CLJ courses; or consent of the instructor.

CLJ 361. Criminal Investigation. 3 hours.
Methods used for reconstructing crimes and criminal intent, incorporating information derived from people, physical evidence, institutional and electronic data. Scientific, organizational, legal, and ethical considerations informing the process. Course Information: Prerequisite(s): CLJ 101 and two 200-level criminal justice courses; or consent of the instructor.

CLJ 363. Drugs and Addiction in Society. 3 hours.
Explores drugs and addiction in US society. Topics include history and classifications of drugs, drug policies in the US, the social, psychological, physical effects of substance use, and how drug use shapes interaction in social systems. Course Information: Credit is not given for CLJ 363 if student has credit for the comparable CLJ 394 topic section Drugs, Addiction and Society. Recommended background: CLJ 101 and two 200-level Criminology, Law and Justice courses; or consent of the instructor.

CLJ 373. Introduction to the School-Prison Nexus. 3 hours.
Using contemporary social theory, this course investigates the disciplining, punishing, and criminalization of youth in urban schools, paying particular attention to the racialized, classed, gendered, and ableist contours of these social processes. Course Information: Same as ED 373. Recommended Background: CLJ 101 and two 200-level CLJ courses.

CLJ 374. Dismantling the School and Prison Nexus. 3 hours.
Political relationship between historically dis-invested K to 12 schools and prisons. Parallels in disciplinary practices and rationales in both. Engagement with affected communities that challenge carceral logics in education. Course Information: Same as ED 374. Prerequisite(s): CLJ 101 and two 200-level CLJ courses; or consent of the instructor. Recommended Background: CLJ 373.

CLJ 375. Introduction to Poverty Law. 3 hours.
Examines poverty and the history of anti-poverty policy in the United States. Themes include the welfare state, criminalization, litigation, labor, and social movements. Prerequisite(s): CLJ 101 and two 200-level Criminology, Law, and Justice courses; or consent of the instructor. Recommended background: CLJ 200.

CLJ 394. Topics in Criminology, Law, and Justice. 3 hours.
The analysis and exposition of historical or contemporary issues in the Criminology, Law, and Justice field. Topics may vary from semester to semester. Course Information: May be repeated for a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): CLJ 101 and two 200-level Criminology, Law, and Justice courses; junior or senior standing; or consent of instructor.

CLJ 395. Internship. 3 hours.
Observation of and participation in the daily work of a criminal justice agency, private or public. Work is supervised by a faculty member and the managment of personnel of the agency. Course Information: May be repeated to a maximum of 6 hours. A maximum of three credit hours may be used to satisfy the nine credit hour upper-division (300 and 400 level) requirement for the Major in Criminology, Law, and Justice. Prerequisite(s): A cumulative grade point average of 2.50. Preregistration in the department is required. Completion of five CLJ courses and junior or senior standing; or consent of the Director of Undergraduate Studies.

CLJ 399. Independent Study. 2-6 hours.
Independent study and research under the supervision of a faculty member on a subject not covered in the regular curriculum. Course Information: May be repeated for up to 8 credit hours. Prerequisite(s): Preregistration with the Department is required. Nine credit hours at the 200 level and three credit hours at the 300 level; a 3.00 overall grade point average, and a 3.50 grade point average in CLJ coursework, or consent of the Director of Undergraduate Studies. For criminology, law, and justice minors and majors only.

CLJ 402. Trial Interaction. 3 or 4 hours.
Language use, culture, and law in the trial process. Analysis of qualitative methods applied to legal processes and change. Course Information: Same as LING 402. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CLJ 261 and CLJ 350; or consent of the instructor.

CLJ 405. The Problem of Justice. 3 or 4 hours.
Pre-modern, modern and non-western views of justice and their practical utility in analyzing legislative, executive, and judicial programs for enhancing or restricting justice. Course Information: Same as POLS 405. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CLJ 101, plus two 200-level courses in CLJ or two 200-level courses in POLS.

CLJ 422. Victimization. 3 or 4 hours.
Survey of criminal victimization theory and research. Examination of causes, consequences, and prevention of violent crime and of victims' experiences in the criminal justice system. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

CLJ 423. Violence. 3 or 4 hours.
Survey of violence theory and research. Examination of types, causes and consequences of violence historically and in the present. Exploration of acts of resistance to violence. Course Information: Same as ANTH 424. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

CLJ 424. Gender, Crime, and Justice. 3 or 4 hours.
An in-depth examination of the etiology of female crime and the involvement of females in the criminal justice system as offenders, victims, and workers/professionals. Course Information: Same as GWS 424. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

CLJ 425. Violence Prevention. 3 hours.
Examination of contemporary approaches to violence prevention at the individual, family, community, and organizational levels, as well as within the larger society. Course Information: Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

CLJ 430. Homicide. 3 or 4 hours.
Overview of forms and patterns of homicide in the US. Theories of homicide. Situational dynamics, types of offender motivation, investigative techniques (including profiling), impact on families and society, and intervention strategies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

CLJ 435. White Collar Crime. 3 or 4 hours.
Examination of how white-collar crime is defined, investigated, defended, and adjudicated. Comparison of "suite" and "street" crime from a socio-legal perspective. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

CLJ 442. Comparative Criminal Justice Institutions. 3 or 4 hours.
Comparative study of law, jurisprudence, enforcement, and punishment in Western and non-Western societies, including civil law, common law, and Islamic systems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing; or consent of the instructor.

CLJ 444. Activist Research and Program Evaluation. 3 or 4 hours.
Research methods including an overview of activist research to solve justice-related issues identified by communities and principles and methods of program evaluation. Course Information: 3 undergraduate hours. 4 graduate students. Prerequisite(s): Junior standing or above.

CLJ 445. Leadership, Management, and Organizational Strategies in Criminology, Law, and Justice. 3 or 4 hours.
Leadership and management theories and skills relevant to justice-focused professionals. Students also examine the philosophical theories underlying ethics and how they relate to the field of criminology, law, and justice. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above.

CLJ 450. Surveillance and Society. 3 or 4 hours.
Theoretical and empirical overview of the conceptualization, application and interpretation of surveillance in society, examined through the lens of various social topics. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

CLJ 491. Topics in Rule Breaking. 3 or 4 hours.
Content of course varies, addressing forms of deviance and illegality. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Students may register in more than one section per term. Prerequisite(s): Two 200-level CLJ courses, Junior standing or above, or consent of the instructor.

CLJ 492. Topics in Rule Application. 3 or 4 hours.
Content of course varies, addressing major issues. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Students may register in more than one section per term. Prerequisite(s): Two 200-level CLJ courses, junior standing, or consent of the instructor.

CLJ 493. Topics in Critical Criminology. 3 or 4 hours.
Content of course varies, addressing major issues in critical criminology. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Students may register for more than one section per term. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

Curriculum and Instruction (CI)

Courses

CI 400. Anthropology & Education. 3 or 4 hours.
This course uses an anthropological approach in the study of formal and informal educational processes to understand the relationship between education, culture and society as represented in ethnographic texts. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor. Recommended background: ED 100, and ED 135, and ED 205; and ANTH 100 or ANTH 101.

CI 401. Methods of Reading: Early Literacy in Urban Classrooms. 3 hours.
Exploration of literacy assessment and teaching (including decoding, early writing, spelling, oral language, and comprehension), with a focus on learning to read and write. Course Information: Previously listed as ED 257.

CI 402. Reading and Writing in the Content Areas: Intermediate Literacy in Urban Classrooms. 3 hours.
Exploration of advanced aspects of literacy instruction (e.g., comprehension, writing, literacy in the content areas), with a focus on reading and writing to learn. Course Information: Previously listed as ED 340. Prerequisite(s): CI 401 and junior standing or above and admission to the Bachelor of Arts in Elementary Education program.

CI 403. Literacy in the Disciplines: Adolescent Literacy in Urban Classrooms. 3 hours.
Exploration of using literacy in disciplinary content areas, including building prior knowledge and specialized vocabulary. Course Information: Previously listed as ED 341. Prerequisite(s): Junior standing or above and admission to the B.A. in Urban Education, Concentration in Elementary Education Program. Successful completion of CI 402.

CI 404. Teaching and Learning Mathematics in the Urban Classroom. 3 hours.
Helps prospective teachers create a foundation from which they can develop an exemplary mathematics teaching practice. Course Information: Previously listed as ED 342. Prerequisite(s): Junior standing or above and admission to the Bachelor of Arts in Urban Education, and Math 140 and Math 141; or the equivalent courses.

CI 405. Teaching and Learning Science in the Urban Classroom. 3 hours.
Learning how to teach core scientific and engineering ideas, crosscutting concepts, and practices to advance student learning with a focus on community and societal relevance. Course Information: Previously listed as ED 343. Prerequisite(s): Junior standing or above; and consent of the instructor.

CI 406. Teaching and Learning Social Sciences in the Urban Classroom. 3 hours.
Models effective teaching of history and social sciences in urban classroom, in a way that is inclusive of diverse peoples, cultures, and histories. Students learn to teach core concepts, intellectual skills, and participatory dispositions. Course Information: Previously listed as ED 344. Prerequisite(s): Junior standing or above and admission to the Bachelor of Arts in Urban Education.

CI 410. Literature, Social Studies, and the Arts in the Elementary School. 4 hours.
Theory and practice in curriculum development, planning instruction, and assessing learning in elementary classrooms. Literature, social studies, and the arts content foci. Course Information: Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CI 411. Creating Learning Environments in the Elementary School. 3 hours.
Examination of beliefs about teaching culture and learning in urban America in relation to the creation of learning environments with emphasis on application of state standards in classrooms and the development of a electronic teaching portfolio. Course Information: 30 hours of fieldwork required. Prerequisite(s): Graduate standing and CI 412. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion, one Lecture-Discussion and one Practice.

CI 412. Dynamics of Learning Environments. 3 hours.
Exploration of multiculturalism and bilingualism/biculturalism in schools and families. Continued development of electronic portfolio for meeting Illinois professional teaching and technology standards. Course Information: Prerequisite(s): Graduate standing and Enrollment in M.Ed. in Elementary Education Program. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion, one Lecture-Discussion and one Practice.

CI 413. Foundations of Literacy Instruction, K-8. 4 hours.
For prospective teachers, introduction to teaching literacy K-8; examining cognitive, social, developmental perspectives; relationships between language and literacy; connections to school subjects; aligning instruction, assessment, standards. Course Information: Extensive computer use required. Word processing on writing; search engines for examining literacy curriculum, professional organizations, email networks. Prerequisite(s): Graduate standing.

CI 414. Middle and High School Literacy. 3 hours.
Focuses on the teaching of reading and writing strategies appropriate for disciplinary learning and expression. Course Information: Field work required. Prerequisite(s): Junior standing or above; and consent of the instructor.

CI 422. Children, the Changing Natural World, and Environmental Stewardship. 3 hours.
Participants will explore how to engage children about the changing natural world. Topics include ecological identities, eco-emotions, stewardship of the Earth, connections between the natural and social worlds, and acting for the planet. Course Information: Same as EPSY 422.

CI 423. Digital Environmental Storytelling and Advocacy. 3 hours.
Explores the qualities of effective environmental storytelling, media, and advocacy, examining contemporary ecological issues and future solutions for Chicago. Students will analyze and produce podcasts, interactive visual and social media, and video. Course Information: Same as EPSY 423. Extensive computer use required.

CI 428. Curriculum and Teaching in Secondary Education. 3 hours.
Introduction to the study of curriculum and teaching. Specifically designed for graduate students wanting to become middle and high school teachers, students who are newly admitted to the secondary education program. Course Information: Credit is not given for CI 428 if the student has credit for ED 430. Field work required. Prerequisite(s): Open only to Master's degree students in the Secondary Education Program; and consent of the instructor.

CI 429. Secondary Science Education in Urban Settings. 4 hours.
Introduction to the study of curriculum and teaching for those interested in urban education and who want to become secondary science teachers at the high school level. Course Information: Previously listed as CI 529. Recommended Background: At least 18 credit hours of coursework in a science field.

CI 430. Teaching Middle Grades Social Sciences: Content and Methods. 3 hours.
Models effective teaching of history and the social sciences in the urban elementary classroom grades 5-8, in a way that is inclusive of the diverse peoples, cultures, and histories that make up our society. Course Information: Prerequisite(s): Junior standing or above; or consent of the instructor. Restricted to students in the College of Education and Secondary History Education Program students in LAS.

CI 438. Literacy Instruction that Raises Achievement for All Students. 4 hours.
Study of/practicum in reading and writing instructional strategies, P-12. Addresses interventions/programs for students with literacy difficulties. Children/youth with such difficulties are assessed and taught in course practicum component. Course Information: Previously listed as CI 538. Field work required. Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

CI 444. Becoming a Trauma-Responsive Educator: Anti-Racist and Healing Pedagogies in Learning Contexts. 3 hours.
Interdisciplinary foundational content for educators regarding trauma-responsive pedagogical frameworks/anti-racist ideologies. Translate trauma-informed approaches to professional practices to create healing-centered/anti-racist learning content. Course Information: Same as ED 444 and EPSY 444. Prerequisite(s): ED 150 or EPSY 255; or graduate standing; or consent of the instructor.

CI 450. Societal Bases of Languages, Literacies and Learning. 4 hours.
Introduction to social and cultural processes by which languages and literacies are learned and develop in and out of school within the broader policy and ideological contexts. Course Information: Prerequisite(s): Graduate standing.

CI 451. Foundations of Writing. 3 or 4 hours.
Introduction to writing research, theory and practice, including writing development, processes, digital writing, pedagogy, assessment. Combines academic study of writing theory/research with guided inquiry into writing processes and pedagogy. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as CI 544. Extensive computer use required. Prerequisite(s): CI 401 and CI 402. Recommended background: Admission to the M.Ed. in Instructional Leadership: Literacy, Language and Learning, or the B.A. in Urban Education program.

CI 452. Children's and Young Adult Literature and Media. 3 or 4 hours.
Overview of trade books and media for children from preschool through adolescence. Emphasizes critically reading, selecting, evaluating materials appropriate for developmental stages, curricular connections, and students in our multicultural society. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as CI 546.

CI 453. Digital Literacies and Learning. 4 hours.
Theoretical foundations of digital literacies and learning focusing on critical interpretation/production involving texts, tools, and technologies that are online, mobile, and/or networked. Includes methods for teaching digital literacies P-12.

CI 464. Bilingualism and Literacy in a Second Language. 4 hours.
Theoretical foundations of second language acquisition and the teaching of English as second language. Methods and materials for teaching reading and writing in bilingual/ESL settings. Course Information: Field work required. Prerequisite(s): Credit or concurrent registration in CI 481 or Credit or concurrent registration in CI 470. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CI 470. Language, Culture, and Learning in Urban Classrooms. 3 hours.
An introduction to the study of multilingualism, language development, learning, and methodologies for teaching in linguistically and culturally diverse educational settings. Course Information: Previously listed as ED 346.

CI 472. Language Proficiency Assessment and ESL Instruction. 4 hours.
Study of and practicum in English language proficiency assessment; methods, materials, and resources for assessing oral language, reading, and writing in P-12 school settings. Course Information: Field work required. Prerequisite(s): Credit or concurrent registration in CI 481 or Credit or concurrent registration in CI 470. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CI 475. Teaching and Learning of the Natural Sciences. 3 hours.
Prepares teacher candidates with the knowledge, skills and dispositions needed for teaching science in urban contexts by investigating big questions and concepts in natural sciences education. Course Information: Previously listed as CI 530. Field work required. Prerequisite(s): Graduate standing; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CI 481. Foundation and Current Issues in Educating English Language Learners. 4 hours.
Philosophical, theoretical, socio-cultural and educational examination of learning and achievement issues that culturally and linguistically diverse students face in American schools. Course Information: Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CI 482. Assessment and Instruction: A Multilingual/Multicultural Perspective. 4 hours.
Methods and materials for teaching English language learners (ELLs) in bilingual/ESL classrooms. Emphasis upon curricular and methodological practices, assessment for academic placement, and instruction. Course Information: Prerequisite(s): Credit or concurrent registration in CI 481 or Credit or concurrent registration in CI 470. Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

CI 484. Curriculum and Instruction in the Middle School. 3 hours.
Philosophy, curriculum, and instructional methods for teaching middle grade students (grades five through eight). Content area reading is included. Course Information: Prerequisite(s): EPSY 255 or both ED 200 and ED 210; or graduate standing and either ED 402 or ED 403, and ED 421; and approval of the of the College of Education.

CI 494. Special Topics in Curriculum and Instruction. 1-4 hours.
Exploration of an area not covered in existing course offerings. Content varies. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

Design (DES)

Courses

DES 110. Design Colloquium. 1 hour.
Introduces students to the breadth and the depth of design theory of practice. Broadens students' view of design. Course Information: Extensive computer use required. Field trips required at a nominal fee.

DES 120. 2D Form Studio. 4 hours.
Introduction to fundamentals of graphic composition (symbols, images, and letterforms) with emphasis on observation, process, hierarchy and abstraction. Course Information: Previously listed as AD 110. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 130. 3D Form Studio. 4 hours.
Introduction to the fundamentals of three-dimensional form-making, design thinking and design process. Emphasis on conceptual visualization and physical and digital fabrication. Course Information: Previously listed as AD 120. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 140. Design Drawing. 4 hours.
Introduction to the fundamentals of drawing in the context of design studies. One, two, and three-point perspective for objects and environments as well as application of light and shadow. Course Information: Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 150. Digital Media Design I. 4 hours.
Introduction to the fundamentals of design theory and process in digital media. Utilizes current technologies to explore basics of motion graphics and interaction design. Course Information: Previously listed as AD 205. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 160. Design Photography. 4 hours.
Introduction to photography used in the context of design studies. Familiarity with the camera, studio, digital techniques and software programs in the contacts of observation, composition, and meaning. Course Information: Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 170. Color Theory. 4 hours.
Introduction to color theory, aesthetics, and systems with emphasis on the definition, replication, and interaction of color in design applications across various media. Course Information: Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 208. Typography I: Form. 4 hours.
Introduction to the aesthetics and mechanics of typographic form and usage. Study of typographic measurement system; recognition and classification; alignment, hierarchy and legibility. Course Information: Previously listed as AD 219. Extensive computer use required. Prerequisite(s): Completion of the design foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 209. Typography II: Systems. 4 hours.
The connections beteween material and immaterial space in typographic systems. Introduction to micro and macro typographic patterns with emphasis on theory and practice of grids, proportions, formats, and part to whole. Course Information: Previously listed as AD 314. Prerequisite(s): DES 208. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 220. Form and Image Studio. 4 hours.
Principles of creation, comparison and sequencing of symbols, letterforms, and images. Study of materials and processes in visual communication and image-making for theoretical and practical application. Course Information: Previously listed as AD 210. Extensive computer use required.Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 222. Human Experience in Design. 4 hours.
Introduction to the relationship design has to people, both in terms of process and execution. Structured around human-centered design, understanding the five human factors: social, cognitive, emotional, physical, and cultural. Course Information: Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 230. Industrial Design II. 4 hours.
Furthers knowledge of design process through focused exercises emphasizing functional, formal aspects of design and product semantics. Understanding design through making and specific fabrication materials and methods. Course Information: Previously listed as AD 220. Extensive computer use required. Prerequisite(s): Sophomore standing or above and completion of the design foundation program. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 231. Industrial Design III. 4 hours.
Emphasis on connecting skills learned in previous ID courses through the design of small, simple objects according to recognized user needs. Iterative work with digital and physical tools within constrained criteria. Course Information: Previously listed as AD 221. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): DES 230 and sophomore standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 235. History of Design I: 1760-1925. 3 hours.
Survey of industrial and graphic design from the Industrial Revolution to 1925. Course Information: Same as AH 235. Prerequisite(s): 3 hours of Art History at the 100-level or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

DES 236. History of Design II: 1925 to the Present. 3 hours.
Survey of industrial and graphic design from 1925 to the present. Course Information: Same as AH 236. Prerequisite(s): 3 hours of Art History at the 100-level or consent of the instructor. Recommended background: AH 235 or DES 235. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

DES 240. Visualization I. 4 hours.
Freehand sketch intensive studio with focus on rapid conceptional visualization. Course Information: Previously listed as AD 223. Extensive computer use required. Prerequisite(s): Sophomore standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 241. Visualization II. 4 hours.
Introduction to digital design tools and techniques, building expertise and comfort with prominent visualization and CAD software and hardware platforms. Course Information: Previously listed as AD 425. Extensive computer use required. Prerequisite(s): DES 240 and sophomore standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 250. Digital Media Design II. 4 hours.
Expands basic principles of interaction design and motion graphics with emphasis on motion literacy. Introduction to user-interface design and web-based publishing. Course Information: Previously listed as AD 211. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 251. Digital Media Design III: Motion Design. 4 hours.
Advanced narrative and storytelling through motion. Expands motion literacy into narrative sequence planning, animation design process, and multi-media technologies. Course Information: Previously listed as AD 317. Extensive computer use required. Prerequisite(s): DES 250. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 255. Integrative Design Studio I. 4 hours.
Introduction to design process: ideation and iteration. Emphasis on understanding design through physical investigations utilizing specific fabrication materials and methods for prototype and critique. Course Information: Extensive computer use required. Prerequisite(s): Sophomore standing or above and completion of the design foundation program or concurrent registration in DES 208 and CS 211. Corequisites: Requires concurrent registration in DES 208.

DES 256. Integrative Design Studio II. 4 hours.
Introduction to interactions and systems in design. Emphasis on understanding design through digital investigations utilizing specific software tools for creative and analytic discovery. Course Information: Extensive computer use required. Prerequisite(s): Sophomore standing or above and completion of the design foundation program or concurrent registration in DES 209 and CS 251. Corequisites: Requires concurrent registration in DES 209. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 308. Typography III: Expression. 4 hours.
Textual investigations of typographic form of expression with an emphasis on composition (contrast, rhythm, tension), non-linearity, visual argumentation, dimensions, and the interplay between digital and analog operations. Course Information: Previously listed as DES 318. Extensive computer use required. Prerequisite(s): DES 209. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 309. Typography IV: Advanced Topics. 4 hours.
Advanced studio addressing current topics in typography. Content varies per course offering. Topic descriptions are publicized during registration period and may include dimensional typography, environmental graphics, type design, information design. Course Information: May be repeated for credit. Students may register for more than one section per term. Previously listed as DES 319. Extensive computer use required. Prerequisite(s): DES 308. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 322. Design Research Methods. 4 hours.
Overview of the role of research in human-centered design process and development with emphasis on research support in identifying new opportunities, concept definition, realization, and refinement. Course Information: Extensive computer use required. Prerequisite(s): DES 222 and junior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 326. Materials and Methods. 4 hours.
Introduction to the vocabulary and processes involved in mass production with emphasis on major materials and manufacturing methods, design control drawings and basic principles of sustainable design. Course Information: Previously listed as AD 326. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): DES 330 and junior standing or above, or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 330. Industrial Design IV. 4 hours.
Introduction to specialty areas of concentration, including visual brand language, service design, and design for sustainability and social responsibility. Builds upon foundational skills through projects. Course Information: Previously listed as AD 320. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): DES 231 and junior standing or above, or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 331. Industrial Design V. 4 hours.
Human-centered design thinking and mastery of design process with opportunity for collaborative work in small teams focused on user and client-based project. Course Information: Previously listed as AD 321. Extensive computer use required. Prerequisite(s): DES 330 and junior standing or above, or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 350. Digital Media Design IV: Advanced Topics. 4 hours.
Advanced topics in design and the interplay between digital and analog operations. Course Information: Extensive computer use required. Prerequisite(s): DES 251. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 355. Design Seminar. 3 hours.
Seminar on current topics in contemporary design theory and practice. Course Information: Field trip required at a nominal fee. Prerequisite(s): Junior standing or above and completion of the design foundation program or concurrent registration in DES 357 and CS 261. Corequisites: Requires concurrent registration in DES 357.

DES 357. Integrative Design Studio III. 4 hours.
Orients toward increasing complexity and deeper understanding of design making and thinking. Subjects of investigation respond to current, emerging trends in design practice. Collaborative team-based projects combine multiple tools and technologies. Course Information: Extensive computer use required. Prerequisite(s): Junior standing or above and completion of the design foundation program or concurrent registration in DES 355 and CS 261. Corequisites: Requires concurrent registration in DES 355. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 400. Independent Study in Graphic Design. 1-5 hours.
Supervised independent study in graphic design. Course Information: May be repeated for a maximum of 8 hours for undergraduate students or 10 hours for graduate students. Previously listed as AD 418. Extensive computer use required. Prerequisite(s): Senior standing or above and consent of instructor. Taken by faculty invitation only.

DES 410. Senior Design Colloquium I. 1 hour.
Advanced overview of design practice. Includes lectures representing current and emerging forms of commercial and social practice. Course Information: Previously listed as AD 415. Prerequisite(s): DES 319 or DES 322, and senior standing or above, and consent of instructor.

DES 411. Senior Design Colloquium II. 1 hour.
This course is a continuation of DES 410 which introduces students to the breadth and depth of design theory and practice. The course focuses on the student's individual skills, interests and possibilities for professional engagement. Course Information: Prerequisite(s): DES 410.

DES 420. Professional Practice Project I. 0-5 hours.
Year-long course sequence option allowing students to engage in an interdisciplinary professional project with industry or community partners. Emphasis on teamwork and client interaction. Course Information: Previously listed as AD 411. Prerequisite(s): Senior standing or above and completion of the design foundation program. Class Schedule Information: To be properly, registered students must enroll in one Lecture and one Laboratory.

DES 421. Professional Practice Project II. 4 hours.
Year-long course sequence option allowing students to engage in an interdisciplinary professional project with industry or community partners. Emphasis on teamwork and client interaction. Course Information: Extensive computer use required. Prerequisite(s): DES 420. Class Schedule Information: To be properly registered, student must enroll in one Lecture and one Laboratory.

DES 426. Video Game Design and Development. 3 or 4 hours.
Theory and practice of video game design and programming. Students will form interdisciplinary teams, to design, build and demonstrate video games or related interactive simulation environments. Course Information: Same as CS 426. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 251; or Grade of C or better in DES 450.

DES 427. Creative Coding. 3 or 4 hours.
Creative Coding investigates how contemporary computational techniques can inspire novel forms of art making, providing students with the skills to make use of technology for expressive purposes. Course Information: Same as CS 427. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 251.

DES 430. Interdisciplinary Product Development I. 4 hours.
Introduces cross-functional team-based work focusing on problem identification and use-centered research methods in the fuzzy front end of new product development. Course Information: Previously listed as AD 420. Prerequisite(s): DES 319 or DES 322 and senior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 431. Interdisciplinary Product Development II. 4 hours.
Continues cross-functiuonal team-based work focused on problem identification and user-centered research methods in the fuzzy front end of new product development. Course Information: Previously listed as AD 421. Prerequisite(s): DES 430 and senior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 432. Interaction Design. 4 hours.
Design thinking and mastery of design process with opportunity for collaborative work in small teams focused on client-based project. Course Information: Previously listed as AD 413. Prerequisite(s): Junior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 440. Design and Identity I. 4 hours.
Year-long course sequence option allowing students to engage in an interdisciplinary professional project involving design research and civic or social engagement. Emphasis on teamwork, advocacy and presentation. Course Information: Extensive computer use required. Prerequisite(s): DES 319 or DES 322. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 441. Design and Identity II. 4 hours.
Year-long course sequence option allowing students to engage in an interdisciplinary professional project involving design research and civic or social engagement. Emphasis on teamwork, advocacy and presentation. Course Information: Extensive computer use required. Prerequisite(s): DES 440. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 450. Advanced Topics in Design. 4 hours.
Advanced special topics in design theory and practice. Course Information: May be repeated. Students may register in more than one section per term. Extensive computer use required. Prerequisite(s): Open only to advanced undergraduate and graduate students in the School of Design. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 452. Information Aesthetics I. 4 hours.
Introduction to information visualization and programming in the context of art and design. Project oriented course using computer code and custom software for information analysis, representation and creative expression. Course Information: 4 hours. May be repeated to a maximum of 8 hours. Previously listed as AD 452. Extensive computer use required. Prerequisite(s): DES 319 or DES 322 and sophomore standing or above; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 453. Information Aesthetics II. 4 hours.
Intermediate course emphasizing the database as cultural form. Creative projects and research in information aesthetics through date driven two, three and four dimensional visualizations and custom computer interfaces. Course Information: 4 hours. May be repeated for a maximum of 8 hours. Previously listed as AD 453. Extensive computer use required. Prerequisite(s): DES 452 or ART 452 and junior standing or above; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 458. Integrative Studio Project. 4 hours.
Exploration, deduction and design of student-selected research topic. Accumulated knowledge and skills are utilized to develop a year-long capstone project. Course Information: Previously listed as DES 358. Extensive computer use required. Prerequisite(s): DES 357. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 470. Industrial Design Thesis I. 4 hours.
Research and design of student-selected topic. Accumulated knowledge and skills are utilized to develop a year-long capstone project providing opportunity to develop a specific focus within design. Course Information: Previously listed as AD 423. Prerequisite(s): DES 236 and DES 331 and senior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 471. Industrial Design Thesis II. 4 hours.
Research and design of student-selected topic. Accumulated knowledge and skills are utilized to develop a year-long capstone project providing opportunity to develop a specific focus within design. Course Information: Extensive computer use required. Prerequisite(s): DES 470 and senior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 480. Graphic Design Thesis I. 4 hours.
Exploration, deduction and design of student-selected research topic. Accumulated knowledge and skills are utilized to develop a year-long capstone project. Course Information: Previously listed as AD 412. Prerequisite(s): DES 236 and DES 319. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 481. Graphic Design Thesis II. 4 hours.
Exploration, deduction and design of student-selected research topic. Accumulated knowledge and skills are utilized to develop a year-long capstone project. Course Information: Extensive computer use required. Prerequisite(s): DES 480. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 489. Introduction to Design Practice. 2 hours.
An exploration of design practices. May include visits to museums, archives, manufacturing facilities, institutions, and studios across Chicago. Course Information: Field trips required at a nominal fee.

DES 490. Advanced Studio I: Advanced Topics in Design Fundamentals. 3 hours.
Design fundamentals for graduate students from non-design backgrounds. Topical projects and investigations build design skills and introduce human-centered research methods. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 491. Advanced Studio II: Advanced Topics in Design Fundamentals. 3 hours.
Design fundamentals for graduate students from non-design backgrounds. Topical projects and investigations build design skills and introduce human-centered research methods. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

DES 499. Design Internship. 1 hour.
Academic learning is coupled with professional experience in an off-campus design studio or department. Co-operative education placement is arranged by the student. Course Information: May be repeated for a maximum of 3 hours. Previously listed as AD 499. Requirements of organization offering internship: understanding/agreement that a student intern is a design professional in training (not a volunteer, not a freelancer), positions are paid (at or above federal minimum wage), student is seeking professional experience (not a portfolio piece), setting is a design department or student environment (the student is not the only designer on site), 15 hours per week expected, 20 hours per week maximum. Prerequisite(s): Approval of the Department.

Dialogue (DLG)

Courses

DLG 120. UIC First-Year Dialogue Seminar. 1 hour.
Students become familiar with multidisciplinary theory and research on diversity, social justice, culture, and identity, through participation in critical dialogues with each other to explore differences. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as CC 120. Some sections of this course meet during weeks 1-8 and other sections meet during weeks 9-16, as described in the Class Schedule.

DLG 220. Intergroup Dialogue. 3 hours.
Designed to promote students' exploration of social identity group membership, conflict, collaboration, and social justice. Each dialogue involves groups with a history of social conflict. Course Information: Prerequisite(s): CC 120. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE US Society course*.

Disability and Human Development (DHD)

Courses

DHD 100. Disability and Human Development Seminar. 1 hour.
Introduces students to resources, academic skill building, professional development, and career exploration in the field of Disability and Human Development. Course Information: Meets eight weeks of the semester.

DHD 101. Disability in U.S. Society. 3 hours.
Explores the variety of approaches to understanding disability in personal, social, economic, artistic, and political contexts. Class Schedule Information: To be properly registered, students must enroll ine one Lecture-Discussion and one Discussion. *UIC GE Individual and Society course, and UIC GE US Society course*.

DHD 102. Disability in Media. 3 hours.
Introduces students to the portrayal of disability in the media and explores how media offers a tool to understand disability. Course Information: Previously listed as DHD 176. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Creative Arts course, and UIC GE US Society course*.

DHD 108. Introduction to American Sign Language I. 3 hours.
Explores the introductory aspects of American Sign Language (ASL) including, conversational basics, expressions, ASL information use, and the experiences of ASL signers including Deaf and Hard of Hearing individuals.

DHD 109. Introduction to American Sign Language II. 3 hours.
Explores foundational and key aspects of American Sign Language including vocabulary conversations, expressions, grammar, ASL information use, and the experiences of ASL signers including Deaf communities. Course Information: Prerequisite(s): DHD 108.

DHD 113. Inclusive Communication. 3 hours.
Explores inclusive communication development, common diagnoses from a Disability Studies lens, and the roles of professionals who study and treat communication across the lifespan through clinical and scientific approaches.

DHD 201. Disability, Rights, and Culture. 3 hours.
Provides an overview of disability rights and disability culture. Focuses on moral, legal, cultural, and economic aspects of the lives of people with disabilities in history and at present. *UIC GE Individual and Society course*.

DHD 202. Disability, Health, and Society. 3 hours.
The notion of disability and health through the use of the World Health Organization's (WHO) International Classification of Functioning, Disability, and Health (ICF) focusing on influence of family, culture, and policies. *UIC GE Individual and Society course*.

DHD 203. Disability in World Cultures. 3 hours.
Examines the ways in which different social, cultural, political and economic systems shape experiences of disability by looking at disability in different contexts throughout the world. Course Information: Recommended background: DHD 101. *UIC GE World Cultures course*.

DHD 204. Disability in the Humanities. 3 hours.
Provides students with a survey of humanities approaches to the study of disability. The course explores disability in literature, art, performance, mass media, and historical archives. *UIC GE Creative Arts course*.

DHD 205. Disability, Race, Class and Gender. 3 hours.
Invites students to engage in a critical dialogue around disability, race, class and gender through an intersectional and interdisciplinary frame of analysis. Course Information: Same as GWS 205. *UIC GE Individual and Society course*.

DHD 206. Disability, Inclusive Cities, and Environmental Accessibility. 3 hours.
Introduces disability within a geographic framework, considering socio-spatial patterns that reflect and shape disability in modern cities. Explores applied urban planning practices and policies related to disability. *UIC GE Natural World No Lab course, and UIC GE US Society course*.

DHD 208. Intermediate American Sign Language I. 3 hours.
Explores intermediate and continuing aspects of American Sign Language including, conversational and narrative skills, expressive and receptive language skills, vocabulary, language and grammar. Course Information: Prerequisite(s): DHD 108 and DHD 109.

DHD 213. Disability, Anatomy, and Physiology of Speech and Hearing. 4 hours.
Foundation course on disability, anatomy and physiology of speech and hearing for those studying speech and hearing sciences. Exploration of respiration, swallowing, speech, hearing and neuroanatomy in diverse bodies across the lifespan.

DHD 214. Audiological Concepts for Disability and Inclusive Communication. 3 hours.
Explores the history, tools, and assessments of audiology while learning to interpret evaluations of auditory function and apply inclusive, disability-focused approaches in real-world U.S. practice. Course Information: Prerequisite(s): DHD 213.

DHD 301. Disability, Research, and Interdisciplinary Methods. 3 hours.
Introduces students to disability studies methodological approaches, focusing on the major traditions of inquiry used in the study of disability and the basics of conducting research related to disability and disabled people. Course Information: Recommended background: DHD 101 and an additional 6 credit hours of DHD coursework .

DHD 302. Disability, Policy, and Law. 3 hours.
Explores the major laws and policies relevant to people with disabilities. Provides an overview of the historical, political, legal, socio-cultural and economic forces that shape policy and legislation. Course Information: Recommended Background: DHD 101 and an additional 6 credit hours of DHD coursework.

DHD 303. Disability Activism: From the Local to the Global. 3 hours.
Traces the emergence of disability activism across historical periods and cultural locations, offering an in-depth look at issues raised, strategies used for social change, coalitions built, and global networks established.

DHD 305. Disability, Arts, and Culture. 3 hours.
A seminar providing in-depth study of the history, development, and trends within disability, arts, and culture movements. Course Information: Recommended background: DHD 101 and DHD 102 and DHD 201.

DHD 313. The Science of Speaking: Disability and Phonetics. 3 hours.
A foundation course on the phonetics and application to inclusive communication and diverse populations, including the International Phonetic Alphabet, transcription, place of articulation, manner of articulation, and voice. Course Information: Recommended background: DHD 213 or credits in anatomy.

DHD 314. Acoustics for Speech and Hearing in Diverse Populations. 3 hours.
Explores acoustics as it relates to speech production speech perception, and sound localization, emphasizing how humans communicate and understand sounds, with attention to diverse, inclusive, and disability-aware perspectives.

DHD 353. Introduction to Disability Inclusive Practice. 3 hours.
Explores the foundational principles of inclusive disability practices and provides applied experiences in disability research, arts and culture, inclusive health, advocacy and policy. Course Information: Prerequisite(s): Junior standing or above. Recommended background: At least 12 credit hours of coursework in the Department of Disability and Human Development.

DHD 390. Co-Op Internship. 3 hours.
An opportunity for students to develop and explore career interests related to their area of focus, which couples academic learning with professional experience in an off-campus setting. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 16 hours. Field work required.

DHD 393. Undergraduate Independent Research. 1-3 hours.
Independent study and analytical work on a selected topic in Disability and Human Development, completed under the approval and supervision of faculty. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the instructor.

DHD 400. Disability and Human Development Capstone. 1 hour.
Students work with advocacy, research and/or policy organizations to apply the knowledge they gained through disability and human development coursework in a practical setting that addresses issues related to people with disabilities. Course Information: Satisfactory/Unsatisfactory grading only. Field work required. Meets eight weeks of the semester. Prerequisite(s): Open only to seniors; and consent of the instructor. Juniors must have the consent of instructors in order to be allowed to register. A minimum of 18 credits of DHD completed coursework is required. Recommended background: Seniors in their final year of the Bachelor of Science program in Disability and Human Development.

DHD 401. Disability, Human Development and Community Participation. 3 hours.
Surveys foundational concepts and issues in disability studies and human development. Students will develop a framework for understanding disability from a multi-disciplinary perspective. Course Information: Taught online. Prerequisite(s): Students enrolled in the BS in Disability and Human Development: DHD 101 and at least 6 additional hours of disability and human development coursework must be completed or consent of the instructor; Graduate students: no prerequisites.

DHD 403. Disability in Latino Communities. 3 hours.
Designed to examine the distinct needs of Latino families and communities in the US and in Latin American countries, and their experiences with disabilities.

DHD 404. Disability, Sexuality, and Health. 3 or 4 hours.
Explores how political, social, and cultural systems as well as historical contexts shape understandings and experiences of disability, sexuality, and health. Course Information: Same as GWS 404. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above; or consent of the instructor.

DHD 407. Cultural Politics of Disability and Health. 3 or 4 hours.
Examines the construction and circulation of knowledge about bodies, health, medicine and impairment from a disability studies perspective. Course Information: Prerequisite(s): Junior standing or above.

DHD 408. Disability Through the Lifecourse. 3 hours.
Provides an overview of varying approaches to the study of disability through the life course from early childhood to adulthood and aging. Course Information: Prerequisite(s): Junior standing or above; or consent of the instructor.

DHD 409. Disability Legal Studies. 2 hours.
An interdisciplinary approach to key debates, theories, research, and practices related to disability and law within the critical framework of Disability Legal Studies. Course Information: Taught online.

DHD 411. Disability Policy, Technology, and Practice. 3 hours.
Introduction to a broad range of disability policies and technologies, focusing on application of policy and technology in practice across a range of contexts.

DHD 412. Disability Representation, Culture, and Practice. 3 hours.
Introduction to disability culture best practices for creating accessible and inclusive representations across a range of contexts from social media to non-profit messaging and marketing.

DHD 420. Mental Health, Asian Americans, and Community Engagement. 3 or 4 hours.
In partnership with Chicago's Asian American communities and using community engagement methodologies, this course will offer an interdisciplinary, team-approach to explore taboo-related mental health issues. Course Information: 3 undergraduate hours. 4 graduate hours.

DHD 440. Introduction to Assistive Technology: Principles and Practice. 3 hours.
Selected topics in this course will introduce students to the principles and practices of assistive technology devices and services used by people with disabilities. Course Information: Extensive computer use required.

DHD 441. Adaptive Equipment Design and Fabrication. 3 hours.
Examination of the interaction between design and disability, through comparison of appropriate design theories, materials, and work on consumer-based issues. Course Information: Prerequisite(s): Graduate standing; or DHD 440 and consent of the instructor. Recommended background: Undergraduates enrolled in health sciences, education, or engineering, or working professionals seeking to develop assistive technology as an area of concentration.

DHD 442. Disability, Communication, and Social Participation. 3 hours.
Focuses on communication within disability across the lifespan. Topics include Communication Bill of Rights, varying communication disabilities, and the use of augmentative and alternative communication strategies and tools.

DHD 443. Empowering Communication and Disability Inclusive Practices. 3 hours.
Prepares students for managing inclusive communicative diagnoses through a Disability Studies lens, covering evaluation, diagnostics, intervention, data use, reporting, and collaboration. Course Information: Prerequisite(s): DHD 101 and DHD 113 and DHD 213. Recommended background: DHD 442 and either ED 258 or ESPY 466.

DHD 450. Topics in Disability Studies. 3 or 4 hours.
This course will focus on topics structured around particular aspects of Disability Studies and its practical, cultural, and theoretical implications. Course Information: Same as ENGL 450. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as DHD 445. Recommended background: Any of ENGL 207-209, 245, 344, 345, 347, or 350. Junior standing or above.

DHD 451. Disability Communities, Careers, and Professionalism. 3 hours.
Explores current trends regarding career paths and communities within disability fields, while honing essential skills for professionalism including disability access and accessibility, effective communication, and meaningful collaboration. Course Information: Recommended background: It is highly recommended for students to take at least nine (9) credits hours of DHD courses prior to registration.

DHD 453. Practicum in Interdisciplinary Disability Inclusion. 3 hours.
Students complete a practicum learning experience applying knowledge of disability inclusive practice. Course Information: Satisfactory/Unsatisfactory grading only. Field work required. Prerequisite(s): DHD 353 and DHD 451; and senior standing or above. Recommended background: At least 27 credit hours of coursework in the Department of Disability and Human Development.

DHD 454. Senior Capstone in Disability Inclusion. 1 hour.
Students complete a capstone project, reflecting on and applying knowledge from their undergraduate experience in the BS program in Disability and Human Development. Course Information: Meets eight weeks of the semester. Prerequisite(s): Senior standing or above. Recommended background: At least 30 credit hours of coursework in the Department of Disability and Human Development.

DHD 494. Special Topics in Disability and Human Development. 1-4 hours.
Systematic study of selected topics in disability and human development. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Graduate standing or consent of the instructor.

Earth and Environmental Sciences (EAES)

Courses

EAES 101. Global Environmental Change. 4 hours.
Natural and anthropogenic controls on the structure and evolution of the earth's surface environment. Interactions among the Earth's solid surface, hydrosphere, atmosphere, and biosphere and human impacts on these processes. Course Information: Field trip required at nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture. *UIC GE Natural World Lab course*.

EAES 105. Climate, Contamination, and Chicago. 2 hours.
Environmental earth science issues relevant to Chicago's economy and history. Course Information: Field trip required at a nominal fee. *UIC GE Natural World No Lab course*.

EAES 108. Environmental History of the World Since 1500. 3 hours.
A history of the world since 1500 through the lens of the environment, with topics including indigenous relationships to nature, colonial and industrial capitalism, imperialism, disease, petro-politics, and the politics of climate change. Course Information: Same as HIST 108. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course*.

EAES 111. Earth, Energy, and the Environment. 4 hours.
Nature and evolution of Earth from the scale of minerals and rocks to tectonic plates. Earthquakes and volcanoes, their hazards and effects on humans. Natural resources, sources of energy, and their environmental impacts. Course Information: Previously listed as EAES 102. Field trip required at nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture. *UIC GE Natural World Lab course*.

EAES 116. Energy for Future Decision-Makers. 3 hours.
Survey of energy sustainability and environmental issues. All energy forms of production, sources, storage, and uses; their environmental implications on a global scale within the scientific, technological, political, economic, and social context. Course Information: Same as PHYS 116. Recommended background: High school algebra. *UIC GE Natural World No Lab course*.

EAES 180. Honors Earth and Environmental Sciences. 1 hour.
Provides honors students with the opportunity to explore in depth a topic treated in the concurrent lecture course. Course Information: May be repeated up to 1 time(s). Students may register in more than one section per term. May be taken a total of 2 times, each time with concurrent registration in EAES 101 or EAES 111. Prerequisite(s): Concurrent registration in EAES 101 or EAES 111. *Honors course*.

EAES 203. The Science and Rhetorics of Climate Change. 3 hours.
Explores climate change as a physical and cultural phenomenon through the rhetorical analysis of texts, data, and primary research. Course Information: Same as ENGL 203. Extensive computer use required. *UIC GE Natural World No Lab course*.

EAES 290. Communication in Earth and Environmental Sciences. 2 hours.
Seminar on current issues in earth and environmental sciences. Introduction to reading, interpretation, and writing of scientific papers. Course Information: Previously listed as EAES 390. Prerequisite(s): Completion of at least one 100-level course in earth and environmental sciences.

EAES 300. Fieldwork in Missouri. 2 hours.
Field observations in the St. Francois Mountains and vicinity, southeast Missouri. Course Information: Previously listed as EAES 200. Field work required. Full participation in pre-field trip class meetings is mandatory. Three two-hour meetings and one-week field trip during the spring vacation. Will count as elective if student already has credit for EAES 302. Credit is given upon completion of assignments that include a satisfactory written report. Prerequisite(s): Grade of C or better in EAES 101 and Grade of C or better in EAES 111 and Grade of C or better in EAES 330; or consent of the instructor. Registration may be limited if student is not majoring in Earth and Environmental Sciences. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Studio.

EAES 302. Methods in Environmental Sciences. 2 hours.
Survey of field methods and lab analyses relevant to investigation and assessment of environmental systems. Multiple local field trips will allow for hands-on experience with soil, water, ground, plant, and microbial measurement techniques. Course Information: Field trips required at a nominal fee. Field work required. Elective credit if students have credit in EAES 300. Lab hours will be flexible to accommodate field trips - consult instructor for schedule details. Registration may be limited if student is not a declared major or minor in Earth and Environmental Sciences. Prerequisite(s): Credit or concurrent registration in EAES 330; or consent of the instructor. Recommended background: Introductory Biology and Chemistry. Class Schedule Information: To be properly registered, student must enroll in one Laboratory and one Laboratory-Discussion.

EAES 330. Earth Materials. 4 hours.
Introduction to physical and chemical properties, uses, and distribution of earth materials including minerals, rocks, water, and gasses. Course Information: Previously listed as EAES 230. Prerequisite(s): Grade of C or better or concurrent registration in EAES 101 and Grade of C or better in EAES 111; or consent of the instructor. Recommended background: Introductory Chemistry. Class Schedule Information: To be properly registered, students must enroll one Lecture-Discussion and one Laboratory-Discussion.

EAES 350. Sedimentary Environments. 3 hours.
Characterization of sediments and sedimentary rocks, sediment transport, deposition and sedimentary structures, depositional environments. Stratigraphic principles, introductory sequence stratigraphy. Applied sedimentary geology. Course Information: Field trips required at nominal fee. Prerequisite(s): EAES 330; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

EAES 360. Introduction to Paleontology. 4 hours.
The morphology, ecology, and relationships of fossil organisms. Basic principles of paleontology, including evolution, paleoecology and functional morphology. Course Information: Same as BIOS 360. Field trip required at a nominal fee. One day field trip to collect fossils. Prerequisite(s): EAES 101 or EAES 111; or BIOS 110 and BIOS 120. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

EAES 380. Earth and Environmental Data Science. 3 hours.
An introduction to scientific programming for Earth and environmental data science in R or Python, including how to import, tidy, visualize, analyze, and communicate data, and ensure reproducible research with version control software. Course Information: Previously listed as EAES 420. Extensive computer use required. WIFI-enabled laptop computer required. Prerequisite(s): Grade of C or better in EAES 101; or Grade of C or better in EAES 111; or consent of the instructor. Recommended background: Introductory Chemistry; Introductory Biology; Introductory Earth Science; Spreadsheet data analysis. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

EAES 385. Earth Systems. 4 hours.
Earth systems and global change; climate forcing and feedback; greenhouse gases and global warming; oceans and carbon cycle; brief history of Earth’s climate and climatic variability; tectonic systems; introduction to remote sensing of Earth. Course Information: Previously listed as EAES 285. Prerequisite(s): Grade of C or better in EAES 101 and Grade of C or better in EAES 111; or consent of the instructor. Recommended background: EAES 290. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

EAES 396. Independent Research. 2-8 hours.
Individual study under supervision of a faculty member in areas not covered in standard courses. Course Information: May be repeated. Students may register in more than one section per term. A combined maximum of 6 hours of credit in EAES 396 and EAES 492 may be applied toward the degree. Independent research and a resulting undergraduate thesis are required for graduating with highest departmental distinction. Prerequisite(s): Consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

EAES 400. Field Experience in Earth Sciences. 1-6 hours.
Training in and application of field methods (geological, geochemical, and geophysical) to solution of problems in earth and environmental sciences. Course Information: May be repeated to a maximum of 6 hours. Field trips required at a nominal fee. Field work required. Students who wish to use EAES 400 to satisfy the summer course selective must register for at least 4 credit hours. Prerequisite(s): Consent of the instructor.

EAES 415. Environmental Geochemistry. 4 hours.
Origin and distribution of elements in the earth. Thermodynamics and kinetics of mineral-solution reactions. Behavior of stable and radioisotopes in geochemical processes. Elemental Cycles. Course Information: Prerequisite(s): EAES 330 and EAES 385; and CHEM 122 and CHEM 123; or consent of the instructor.

EAES 416. Organic Geochemistry. 3 hours.
Global carbon cycle, chemical composition of biogenic matter, sedimentology and diagenesis of organic matter, molecular fossils, geopolymers, fossil fuels, anthropogenic organic compounds, carbon isotope geochemistry. Course Information: Prerequisite(s): EAES 330; and CHEM 122 and CHEM 123; or consent of the instructor.

EAES 418. Introduction to Biogeochemistry. 3 hours.
Explores the interaction of the biosphere, geosphere, and atmosphere on Earth, with focus on biogeochemical cycles and the methods used to study them. Examination of conditions on Early Earth and the changes brought by the introduction of life. Course Information: Prerequisite(s): CHEM 122 and CHEM 123; and EAES 330 or EAES 385 or EAES 111; or consent of the instructor. Recommended background: BIOS 110.

EAES 430. Petrology. 3 hours.
Introduction to the formation and classification of igneous and metamorphic rocks, as well as discussion of their implications for global-scale processes on Earth including formation of mineral deposits and earthquakes. Course Information: Prerequisite(s): EAES 111 and EAES 330; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

EAES 440. Structural Geology and Tectonics. 3 hours.
Introduction to deformation structures recorded in the lithosphere as well as discussion of deformation mechanisms and their relationship with plate tectonics. The course also explores key processes occurring in different tectonic settings. Course Information: Field trip required at a nominal fee. Prerequisite(s): EAES 111 and EAES 330; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

EAES 444. Geophysics. 4 hours.
Introduction to basic principles of geophysics applicable for environmental problems and the solid earth including magnetics, electric, seismic, gravity, geophysical well logging, radioactivity and heat flow. Course Information: Prerequisite(s): EAES 111 or consent of the instructor. Recommended background: EAES 385 and completion of introductory courses in physics and calculus.

EAES 460. Earth System History. 4 hours.
Earth history in the context of the interactions of the components of the Earth system; methods used to establish the ages of geologic events and to reconstruct ancient geographies and environments; implications for current issues of global change. Course Information: Field trip required at a nominal fee. Field trip cost assessed prior to trip, depending on destination and vehicle expenses. Prerequisite(s): EAES 330 and EAES 385. Recommended background: EAES 360 and EAES 440.

EAES 470. Environmental Geomorphology. 4 hours.
Quantitative analysis of the mechanics, rates, and distribution of physical processes that modify Earth's and other planets' surfaces. Introduction to field, theoretical, and modelling approaches. Course Information: Prerequisite(s): EAES 330 or EAES 385; and MATH 181; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

EAES 472. Remote Sensing and GIS for Earth and Environmental Sciences. 3 hours.
Analysis and visualization of spatial datasets in Earth and environmental science obtained by remote sensing techniques. Passive and active remote sensing methods to identify geohazards and monitor environmental changes. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in EAES 380; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion.

EAES 473. Soils and the Environment. 4 hours.
Soil science, emphasizing local soils and parent materials, soil classification and mapping, soil physics, soil gases and greenhouse gas emissions, soil chemistry and biogeochemistry, soil-plant interactions, and soil invertebrates. Course Information: Same as BIOS 473. Field work required. Recommended background: Introductory courses in Chemistry and Biology. Coursework in EAES (such as EAES 101 and/or EAES 111) is preferred.

EAES 475. Hydrology/Hydrogeology. 3 hours.
The occurrence, storage, movement, and quality of water above, on and below the Earth's surface. Topics progress through atmospheric water vapor processes, Earth surface hydrology, and groundwater hydrology. Course Information: Field trip required at nominal fee. Prerequisite(s): EAES 111; or consent of the instructor. Recommended Background: EAES 385 and EAES 330 and MATH 181. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

EAES 478. Elements of Machining Scientific Equipment. 1 hour.
Elements of machining scientific equipment, including the use of machine shop tools and technical drawing of scientific apparatus. Course Information: Same as CHEM 480 and PHYS 480. Satisfactory/Unsatisfactory grading only. Prerequisite(s): Graduate standing; and approval of the department.

EAES 480. Modern Statistics in Earth and Environmental Sciences. 4 hours.
Scientific programming in R for modern statistical applications in Earth and environmental science. Study design, linear regression, hypothesis testing with bootstrapping, and inference for proportions, means, and regression models. Course Information: Extensive computer use required. WIFI-enabled laptop computer required. Prerequisite(s): EAES 380 or equivalent experience in a scientific programming language with consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Discussion.

EAES 484. Planetary Science. 3 hours.
Introduction to the study of the solar system, exploring the expressions of geologic processes on planetary bodies other than Earth. Course Information: Prerequisite(s): EAES 330 and EAES 385; or consent of the instructor.

EAES 487. Introduction to Geobiology and Astrobiology. 3 hours.
Emphasis on the emergence of microbiological life on Earth; evolution of the biosphere and life on early Earth; adaptations of life to extreme conditions, habitability, biosignatures; and the possibility of life elsewhere. Course Information: Prerequisite(s): EAES 418 and CHEM 122; or consent of the instructor. Recommended background: Introductory Biology; Introductory Earth Science.

EAES 490. Climate Change and Extreme Weather. 4 hours.
Exploration of fundamental knowledge of climate change and extreme weather, their causes, and driving mechanisms. Course Information: Prerequisite(s): Junior standing or above; or consent of the instructor. Recommended background: Introductory Physics, Calculus, Meteorology, Earth Science and/or Environmental Science.

EAES 492. Internship in the Earth and Environmental Sciences. 1 hour.
Off-campus participation in governmental or private-sector training program. Credit is contingent on submission of a final report. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated with approval. A combined maximum of 6 hours of credit in EAES 492 and EAES 396 may be applied toward the degree. Prerequisite(s): Approval of the Department.

EAES 494. Current Topics in Earth and Environmental Sciences. 1-4 hours.
Discussion of current research topics in earth and environmental sciences. Course Information: May be repeated to a maximum of 8 hours if topics vary. Students may register in more than one section per term. Prerequisite(s): Junior or Senior standing and 12 hours of advanced courses in earth and environmental sciences are recommended.

Economics (ECON)

Courses

ECON 106. Tobacconomics. 3 hours.
A comprehensive, multidisciplinary overview of tobacco use and its consequences, tobacco control, and related issues, from both a US and global perspective. Course Information: Previously listed as ECON 115. *UIC GE Individual and Society course, and UIC GE Natural World No Lab course*.

ECON 111. Freakonomics. 3 hours.
Introduction to how economists think about problems; how economic analysis illuminates current events and puzzles by focusing on people's responses to incentives. *UIC GE Individual and Society course*.

ECON 120. Principles of Microeconomics. 0-4 hours.
Scarcity and choice, price system, decision making by consumers, individual and market demand, optimal input decisions by firms, perfect and imperfect competition, international trade. Course Information: College of Business Administration undergraduate students will enroll for 3 hours and all other students will enroll for 4 hours. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course, and UIC GE US Society course*.

ECON 121. Principles of Macroeconomics. 0-4 hours.
Determinants of the level of economic activity, inflation, unemployment, interest rates, the roles of fiscal and monetary policies, exchange rates, international trade. Course Information: College of Business Administration undergraduate students will enroll for 3 hours and all other students will enroll for 4 hours. ECON 121 may be taken before or after taking ECON 120 - this is not a sequence. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course, and UIC GE US Society course*.

ECON 212. Law and Economics. 3 hours.
Economic analysis of law and legal processes; economic theory and applications of property law, contract law, and criminal law. Course Information: Previously listed as ECON 320. Prerequisite(s): ECON 120.

ECON 213. Economic History of the United States. 3 hours.
Growth and structural changes in the American economy from colonial times to the present; special emphasis on economic causes and consequences of major events in U.S. history. Course Information: Previously listed at ECON 324. Prerequisite(s): ECON 120.

ECON 214. Economics of Education. 3 hours.
Examines education issues: test score accountability, charter schools, school spending, educator compensation, teacher certification, college costs, and financial aid, using basic economic tools. Focuses on elementary and secondary education. Course Information: Previously listed as ECON 351. Prerequisite(s): ECON 120.

ECON 215. Health Economics. 3 hours.
Supply and demand for health services, the role of insurance in the health care industry, public policy issues, cost and quality regulation. Course Information: Previously listed as ECON 354. Prerequisite(s): ECON 120.

ECON 216. Economics of Sports and Entertainment. 3 hours.
Analysis of economic issues in the sports and entertainment industries--industrial organization, financing, pricing, labor, and regulatory issues. Course Information: Previously listed as ECON 350. Prerequisite(s): ECON 120.

ECON 220. Microeconomics: Theory and Applications. 3 hours.
The price system, consumer behavior, market demand, the firm's technology and costs, perfect and imperfect competition, government regulation, general equilibrium and resource allocation, applications. Course Information: Prerequisite(s): ECON 120; and MATH 121 or MATH 160 or MATH 161 or MATH 115; or approval of the department.

ECON 221. Macroeconomics in the World Economy: Theory and Applications. 3 hours.
Determinants of the level of economic activity, inflation, unemployment, international economics, impact of domestic and world economy on business decisions, applications of the theory. Course Information: Same as INST 221. Prerequisite(s): ECON 120 and ECON 121; and MATH 121 or MATH 160 or MATH 165 or MATH 115; or approval of the department.

ECON 270. Statistics for Economics. 4 hours.
Introduction to the application of statistical concepts to economic data. Topics covered include descriptive statistics, probability theory, discrete and continuous probability distributions, sampling distributions, estimation, hypothesis testing. Course Information: Credit is not given for ECON 270 if the student has credit for IDS 270. Prerequisite(s): MATH 121. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

ECON 300. Econometrics. 3 hours.
Casual estimation of economic relationships and testing of economic hypotheses; ordinary least squares regression and extensions; evaluating empirical research; specification of econometric models. Course Information: Credit is not given for ECON 300 if the student has credit in ECON 400. Previously listed as ECON 346. Prerequisite(s): ECON 120 or ECON 121; and ECON 270 or IDS 270 or STAT 101 or STAT 151; and MATH 115 or MATH 121.

ECON 311. Introduction to Urban Real Estate. 3 hours.
Introductory survey of urban real estate; business, legal, economic and financial perspectives. Course Information: Previously listed as ECON 371. Prerequisite(s): ECON 120.

ECON 322. Managerial Economics. 3 hours.
Application of economic theory to decision making by business firms; demand and cost analysis, demand forecasts; pricing policies; capital budgeting; production analysis; globalization, multinational corporations, game theory, and market structures. Course Information: Prerequisite(s): ECON 220; and IDS 270 or ECON 270.

ECON 323. Business Conditions Analysis. 3 hours.
Application of economic theory to analysis of changes in aggregate income and employment; quantitative economic models and their uses in the prediction of aggregate and more refined levels of business activity; stabilization theory and policy. Course Information: Prerequisite(s): ECON 221;and ECON 300 or ECON 400 or IDS 371.

ECON 326. History of Economic Thought. 3 hours.
Selected topics in the evolution of positive and normative economics from the seventeenth century to the present. Course Information: Prerequisite(s): ECON 220 or ECON 221.

ECON 328. Public Finance. 3 hours.
The economic effects of taxes and government expenditures on the allocation of resources and income distribution, public goods and externalities, public choice, the principles and application of cost-benefit analysis; optimal taxation. Course Information: Prerequisite(s): ECON 220.

ECON 329. Industrial Organization. 3 hours.
Non-cooperative game theory used to analyze the strategic behavior and interaction of firms in imperfectly competitive markets. Topics include pricing strategies of monopolists and oligopolists, price discrimination, durable goods pricing, etc. Course Information: Prerequisite(s): ECON 220.

ECON 330. Government and Business. 3 hours.
Theory and survey of U.S. market structure; antitrust policy and monopoly power; economic regulation including price and quality regulation; social regulation. Course Information: Prerequisite(s): ECON 220.

ECON 331. Labor Economics. 3 hours.
Examines characteristics of labor markets both from a theoretical and empirical perspective. Topics covered include determinants of wages, unemployment, and labor force participation applied to a variety of policy relevant areas. Course Information: Prerequisite(s): ECON 220.

ECON 332. Urban Economics. 3 hours.
Survey of economic problems of cities; demand for and supply of housing and urban land; residential segregation; suburbanization; impact of government programs. Focus on relationship between city and suburbs, and special attention paid to Chicago. Course Information: Prerequisite(s): ECON 220.

ECON 333. International Economics. 3 hours.
Operation of the international economy. Covers the theory and practice of international trade and international macroeconomics. Topics include exchange rates, the balance of payments, and operation of fiscal and monetary policy. Course Information: Same as INST 333. Prerequisite(s): ECON 220 or ECON 221 or INST 221.

ECON 334. Economic Development. 3 hours.
Uses economic tools to investigate the prevalence, causes and consequences of global poverty. Study the range of market failures that contribute to the persistence of poverty. Course Information: Same as INST 334. Prerequisite(s): ECON 220 or ECON 221 or INST 221.

ECON 339. Monetary Theory. 3 hours.
The theory and practice of money, banking, and financial markets in the modern economy. It starts with a close look at the details of money and monetary policy. Course Information: Prerequisite(s): ECON 221 or FIN 300.

ECON 342. Regional Economics. 3 hours.
Location of economic activity, systems of cities, economic base theory, regional input-output analysis, neo-classical models of factor mobility and local area economic development. Course Information: Prerequisite(s): ECON 220 or ECON 221 or INST 221.

ECON 344. Behavioral Economics. 3 hours.
Studies deviations from the standard neoclassical model in terms of preferences, beliefs, learning, decision-making, and market reactions to such deviations. Analyze assumptions behind the standard economic models. Course Information: Prerequisite(s): ECON 220.

ECON 350. Economics of Sports and Entertainment. 3 hours.
Analysis of economic issues in the sports and entertainment industries--industrial organization, financing, pricing, labor, and regulatory issues. Course Information: Prerequisite(s): ECON 220.

ECON 353. Economic Demography. 3 hours.
Analysis of family decision making focusing on the economics of time allocation, marriage, divorce, fertility, and mortality; relationship between population growth and economic development. Course Information: Prerequisite(s): ECON 220.

ECON 370. Environmental Economics. 3 hours.
Analysis of major environmental problems as market and policy failures. Benefit-cost methods evaluated. Equity and efficiency aspects of market-based approaches to environmental policy evaluated. Course Information: Prerequisite(s): ECON 220.

ECON 390. Special Topics in Economics. 3 hours.
Exploration of an area not covered in existing course offerings, or study in greater depth of a subject covered in an existing course. Course Information: Prerequisite(s): Consent of the instructor.

ECON 395. Research and Writing in Economics. 1 hour.
This course is used to identify the "Writing in the Disciplines" requirement. Development of analytical and writing skills in economics. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. Prerequisite(s): Concurrent registration in a designated 300-level economics course.

ECON 399. Independent Study in Economics. 1-3 hours.
Independent study in an area not covered by existing courses or exploration in greater depth of issues covered in a previously taken course. Course Information: May be repeated up to 1 time(s). Prerequisite(s): 9 hours of economics courses at the 300-level or above, an overall GPA of at least 3.25 (A=4.00), and consent of a faculty member and the director of undergraduate studies. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the LAS degree and the major.

ECON 400. Honors Econometrics. 3 or 4 hours.
Data-driven analysis of economic relationships using real-world datasets to estimate parameters, test hypotheses, and employ modern causal inference methods. Topics such as ordinary least squares regression, large and complex datasets. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): ECON 120 or ECON 121; and MATH 180; and ECON 270 or IDS 270 or STAT 381.

ECON 436. Mathematical Economics. 3 or 4 hours.
Application of mathematics to theories of consumer and producer behavior, determination of prices in markets, growth and stability features of macroeconomic models. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECON 220; and MATH 180 or MATH 165.

ECON 450. Business Forecasting Using Time Series Methods. 3 or 4 hours.
Autoregressive, moving average, and seasonal models for time series analysis and business forecasting. Forecasting using multi-variable transfer function models. Course Information: Same as IDS 476. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371 or ECON 300 or ECON 400; or consent of the instructor.

ECON 453. Economics of Family. 3 or 4 hours.
Microeconomic analysis of families' economic decisions such as marriage, fertility, labor supplies, and consumption. Modern econometric methods will be covered to understand recent literature on the topic. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECON 220; and ECON 300 or ECON 400. Recommended background: ECON 331 and ECON 353.

ECON 473. Game Theory. 3 or 4 hours.
Introduction to the basic ideas of game theory. Static and dynamic games; mixed strategies, imperfect information; economic, political and biological applications. Course Information: Same as STAT 473. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): STAT 381; or ECON 270; or equivalents.

ECON 475. Urban Economics and Public Policy. 3 or 4 hours.
Microeconomic analysis of individual and firm location choices and outcomes in urban settings. Modern econometric methods to test theories and evaluate policy interventions. Course Information: 3 undergraduate hours; 4 graduate hours. Extensive computer use required. Prerequisite(s): ECON 220; or ECON 300 or ECON 400; and junior standing or above; or consent of the instructor. Recommended background: ECON 328 and ECON 331 and ECON 332.

ECON 481. Mathematical Methods for Economics. 4 hours.
Survey of mathematical techniques used in applied economics theory and econometrics courses.

ECON 482. Probability and Statistics for Econometrics. 4 hours.
Introduction to methods in probability and statistics that provide a foundation for the applied econometrics and research design courses.

ECON 499. Independent Study in Economics. 1-3 hours.
Independent study of a topic not covered in a graduate-level course. Course Information: Prerequisite(s): Graduate standing and consent of the director of graduate studies and the instructor.

Education (ED)

Courses

ED 100. Introduction to Urban Education. 3 hours.
Introductory and cross-disciplinary examination of issues related to education in urban America, with particular attention paid to policies and practices impacting diversity and equity in public schools. Course Information: Students need College approval to concurrently enroll in ED 100 and ED 205. *IAI Major ESE course, and UIC GE Individual and Society course, and UIC GE US Society course*.

ED 101. Critical Literacies in a Digital Democracy. 3 hours.
Digital consumption, creation, and collaboration have significant impacts on participation in democratic processes. In this class we will learn about and engage in digital literacy practices including critical analysis and multimedia composing. *UIC GE Individual and Society course*.

ED 131. Educational Ethics. 3 hours.
A practical, case-based introduction to ethical issues that arise in the daily life of classroom teachers, and techniques and strategies for thinking well about them. Of particular interest to students in teacher training programs, but open to all. Course Information: Same as PHIL 131. Credit is not given for ED 131 if the student has credit in PHIL 435.Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE US Society course*.

ED 135. Child and Youth Policies in Urban America. 3 hours.
Examines policies and practices for children and youth in urban America using historical, sociological, psychological and economic frameworks. Integrates disciplinary knowledge of educational policies and practices. *UIC GE Individual and Society course, and UIC GE US Society course*.

ED 151. College Connection I. 1 hour.
Strategies to facilitate the transition from high school to college by helping students develop skills with faculty and staff guidance, to utilize resources that will lead to success in college, specific to the Bachelor of Arts in Urban Education program. Course Information: Satisfactory/Unsatisfactory grading only. Should be taken in the first semester of the freshman year. Prerequisite(s): Open only to first year students admitted to the Bachelor of Arts in Urban Education.

ED 152. College Connection II. 1 hour.
A continuation of ED 151 College Connection I which facilitates the transition from high school to college by helping students develop specific skills and utilize resources that will help lead to success in college. Course Information: Satisfactory/Unsatisfactory grading only. Should be taken in the second semester of the first-year. Prerequisite(s): College approval required.

ED 160. Games, Learning, and Society. 3 hours.
Explores the development and design of games for teaching and learning. Critical analysis of games and how they shape interactions among players, their learning, and their connection to society. Course Information: Same as EPSY 160. *UIC GE Individual and Society course*.

ED 194. Special Topics in Education. 1-4 hours.
Introductory exploration of a topic not covered in existing course offerings. Course Information: May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

ED 199. Study Abroad Seminar: College Success and Leadership in a Global Context. 3 hours.
Combines a study abroad experience and seminar with a focus on globalization and experiential learning to support students in their transition to collegiate academic life. Course Information: Prerequisite(s): Approval of the department and completion of application from the Study Abroad Office; and completion of interview.

ED 200. Education Policy Foundations. 3 hours.
Social, cultural, political, and intellectual forces that influence and shape educational policy in the learning process. Course Information: Prerequisite(s): Sophomore standing. *UIC GE US Society course*.

ED 201. Children's Literature and Disabilities. 3 hours.
Examination of children's and young adult literature focused on how disabilities are portrayed and how literature encapsulates societal attitudes, beliefs, and stereotypes contributing to access and equity of children with disabilities in schools. Course Information: Same as SPED 201. This is a blended course. *UIC GE Creative Arts course*.

ED 202. International Perspectives: Inclusive Education and Schooling. 3 hours.
Focuses on international comparative views of how different educational systems include students with disabilities. Course Information: Same as SPED 202. Extensive computer use required. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

ED 205. Introduction to Race, Ethnicity, and Education. 3 hours.
Introductory and cross-disciplinary examination of issues related to race, ethnicity, and cultural diversity in education. Course Information: Students need College approval to concurrently enroll in ED 100 and ED 205. *UIC GE Individual and Society course, and UIC GE US Society course*.

ED 210. Principles of Learning and Instruction Across the Lifespan. 3 hours.
How people learn and the design of instruction and assessment across a broad set of formal and informal instructional environments and populations. Course Information: Same as EPSY 210. Prerequisite(s): Sophomore standing or above; or consent of the instructor. Secondary Teacher Education students should enroll in the ED 210 section. All other students should enroll in the EPSY 210 section.

ED 211. Special Topics in Education. 1 hour.
Topics vary. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 4 hours with approval. Approval to repeat course granted by the college. Prerequisite(s): Membership in the Honors College or approval of the College of Education.

ED 217. STEM, Education, and Society: Exploring Identity, Community, Ethics, Politics, and Ideology. 3 hours.
A focus on political, economic, social, and environmental implications of STEM education. Cross-disciplinary examination of math, sciences, engineering, and related disciplines, with attention to identity, experience, and social disparities. *UIC GE Individual and Society course*.

ED 222. Introduction to Gender, Sexuality, and Education. 3 hours.
Introductory and cross-disciplinary examination of issues related to gender and sexuality in education. *UIC GE Individual and Society course, and UIC GE US Society course*.

ED 252. Contemporary Controversies in U.S. Schools. 3 hours.
Introductory and cross-disciplinary examination of contemporary controversies related to public education in the United States. *UIC GE US Society course*.

ED 253. Current Debates in Higher Education. 3 hours.
Introductory and cross-disciplinary examination of current debates related to higher education in the United States. *UIC GE US Society course*.

ED 258. Language Development and Learning in a Diverse Society. 3 hours.
Provides an overview of the key issues and concepts related to the study of language development, learning, and multilingualism in a diverse society. Course Information: Prerequisite(s): Completion of the English composition requirement. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice. *UIC GE Individual and Society course, and UIC GE US Society course*.

ED 264. Sport, Education, and Society. 3 hours.
Students will explore how sport has shaped society and effects social change; paying particular attention to issues of access and equity, focusing on how sport influences human, social, and community development, as well as societal values and priorities. Course Information: Recommended background:: EPSY 100 or PSCH 100 or SOC 100. *UIC GE Individual and Society course*.

ED 294. Special Topics in Education. 1-4 hours.
Introductory exploration of a topic not covered in existing course offerings. Course Information: May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

ED 299. Education, Globalization, and the Child. 3 hours.
Examines the experiences of childhood and how educational experiences are often contextualized by region, country, and culture. Students will have an embedded study abroad experience in order to do a comparative analysis. Course Information: Expectation to go abroad. Prerequisite(s): Approval of the Department and GPA of 2.7 or above and good standing; and completion of application from the Study Abroad Office; and completion of interview.

ED 307. Nature and Practices of Natural Sciences. 3 hours.
Learning crosscutting concepts and practices across science and engineering, applying practices in designing, conducting, and presenting a scientific research project, and considering teaching implications for elementary and middle grades students. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

ED 316. Teacher Development I: Curating Teacher Agency in Urban Education Contexts. 3 hours.
Foundational examination and analysis of urban schools as sites of systemic inequities and rich learning opportunities. Development of professional and pedagogical frameworks for emerging teachers through theory and practice. Course Information: Extensive computer use required. Prerequisite(s): ED 100 and ED 205; or consent of the instructor Admission to the Bachelor of Arts, Concentration in Elementary Education. Corequisites: Requires concurrent registration in ED 350.

ED 317. Teacher Development II: Curating Teacher Identity in Urban Classrooms. 3 hours.
Foundational development of teacher identity through dispositional assessment, pedagogical practices that sustain and cultivate culture in classrooms, and design and creation of vibrant and inclusive learning communities. Course Information: Extensive computer use required. Prerequisite(s): ED 100 and ED 316 and ED 350; and junior standing or above; or consent of the instructor. Corequisite(s): Requires concurrent registration in ED 351.

ED 350. Foundations of Professional Practice in Comparative Contexts: Fieldwork I. 3 hours.
First course in a 4-course sequence that provides urban fieldwork experience across multiple school contexts. Students develop their pedagogical practice and make connections across university coursework and elementary school classrooms. Course Information: Field work required. Prerequisite(s): Junior standing or above; or consent of the instructor; and admission to the Bachelor of Arts in Urban Education, Concentration in Elementary Education. Corequisite(s): Requires concurrent registration in ED 316.

ED 351. Foundations of Professional Practice in Urban Classrooms: Fieldwork II. 3 hours.
Fieldwork experience in this course continues teacher candidates' clinical practice in urban classrooms. Provides teacher candidates with mentoring opportunities in which to develop their pedagogical practices. Course Information: Field work required. Prerequisite(s): Junior standing or above; or consent of the instructor; and admission to the Bachelor of Arts in Urban Education, Concentration in Elementary Education. Corequisite(s): Requires concurrent registration in ED 317.

ED 360. Education and Community Transformation. 4 hours.
Enables students to understand how community activism contributes to change in the sociopolitical landscape in the United States and abroad with particular attention to education policies and social justice issues. Course Information: 4 hrs. Field work required. Recommended background: ED 100, ED 135 or ED 205. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ED 373. Introduction to the School-Prison Nexus. 3 hours.
Using contemporary social theory, this course investigates the disciplining, punishing, and criminalization of youth in urban schools, paying particular attention to the racialized, classed, gendered, and ableist contours of these social processes. Course Information: Same as CLJ 373. Recommended Background: ED 100 and ED 200 and ED 205.

ED 374. Dismantling the School and Prison Nexus. 3 hours.
Political relationship between historically dis-invested K to 12 schools and prisons. Parallels in disciplinary practices and rationales in both. Engagement with affected communities that challenge carceral logics in education. Course Information: Same as CLJ 374. Prerequisite(s): CLJ 101 and two 200-level CLJ courses; or consent of the instructor. Recommended Background: CLJ 373.

ED 375. Perspectives on Health Disparities/Pathways to Careers in the Health Professions. 3 hours.
Addresses health inequities, cultural competence, and opportunities/pathways to traditional and paraprofessional careers in health care. Implications of health inequities for educational outcomes are also covered. Course Information: Extensive computer use required. Field work required. Participation in an interdisciplinary case study project. Prerequisite(s): ENGL 161 or the equivalent and consent of the instructor. Recommended background: Sophomore or Junior standing; and participation in the Urban Health Program Learning Community.

ED 394. Special Topics in Education. 1-4 hours.
Exploration of a topic not covered in existing course offerings. Course Information: May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

ED 396. Independent Study. 1-4 hours.
For students who wish to do independent study on specific educational processes or independently to carry on projects related to education or extensive reading assignments. Course Information: May be repeated to a maximum of 8 hours. Prerequisite(s): A written proposal for faculty approval and junior standing.

ED 398. Directed Research in Education. 1-4 hours.
Students carry out directed research under the mentorship of a College of Education faculty member. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 16 hours. Prerequisite(s): Sophomore standing and consent of the instructor.

ED 402. Philosophy of Education and Urban School Policy. 3 hours.
Selected social and education philosophies and their impact on urban school curriculum design, school organization and control.

ED 403. Policy Issues in the History of American Education. 3 hours.
Political, economic, and cultural influences shaping the development of American education policy; emphasis on issues of education theory and practice in their historical settings.

ED 410. Capstone Inquiry on Critical Issues in Education. 3 hours.
Students design and complete projects connected to an educational issue, challenge, or theme. Includes discussion of critical educational issues from cross-disciplinary perspectives. Designed to be a culminating experience. Course Information: Extensive computer use required. Prerequisite(s): Prior College of Education coursework and consent of instructor.

ED 416. Practical Inquiry I: Teacher Competencies and Performance-Based Assessment. 3 hours.
Introduction to examining teaching through practitioner inquiry, including teacher performance assessment, as a way of learning to teach and beginning a lifelong process of professional development.

ED 417. Practical Inquiry II: Teacher Competencies and Performance-Based Assessment. 3 hours.
A developing examination of teaching through practitioner inquiry, including teacher performance teacher assessment, as a way of learning to teach and fostering a lifelong process of professional development.

ED 421. Advanced Educational Psychology. 3 hours.
Examines current theory and research on the teaching-learning process with particular attention to general learning and curriculum-relevant problem solving skills. Course Information: Prerequisite(s): EPSY 210; or graduate standing.

ED 422. Advanced Developmental Psychology and Educational Processes. 3 hours.
Focuses on cognitive and social development from birth to early adolescence. Examines relations between development, learning, and educational processes. Course Information: Same as PSCH 422. Prerequisite(s): PSCH 100 and any one from EPSY 210, PSCH 259, PSCH 320 and consent of the instructor; or graduate standing.

ED 424. Social and Emotional Learning: Research, Practice, and Policy. 3 or 4 hours.
Research, theory, educational practices, and federal/state policies that promote the social, emotional, and academic competence of students who are in preschool, middle school, or high school. Course Information: Same as PSCH 424. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): PSCH 343 or equivalent; or consent of the instructor. Recommended background: Experience working with children or adolescents.

ED 425. Curriculum, Instruction, and Assessment in the Urban Secondary Classroom. 4 hours.
Developing professional practice that meets the diverse learning needs of students from different backgrounds and experiences. Course Information: Previously listed as ED 330. Field experience in urban schools is required. Prerequisite(s): Admission to an approved teacher licensure program in secondary education, and ED 200, ED 210 and SPED 410 , and consent of the instructor and Council of Teacher Education. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ED 430. Curriculum and Teaching. 3 hours.
Introduction to curriculum and teaching as areas of inquiry; implications of these areas of inquiry for educational practice; related contemporary problems and issues. Course Information: Credit is not given for ED 430 if the student has credit for CI 428. Prerequisite(s): Admission to graduate study in Education, or consent of the instructor.

ED 431. Improving Learning Environments. 3 hours.
Analysis of structural, normative, and social dimensions of learning environments and their relationships to student learning. Exploration of change processes to improve those environments. Course Information: Prerequisite(s): Graduate standing or consent of the instructor.

ED 432. Instruction and Assessment in the Urban Secondary Classroom. 5 hours.
Learning to teach, how to plan for diverse learners, design differentiated instruction, assess student learning and develop classroom discipline. Course Information: Field experience in urban schools is required. Prerequisite(s): Completion of education core courses in Graduate Teacher Certification Program: Ed 402 or ED 403 and ED 445. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ED 444. Becoming a Trauma-Responsive Educator: Anti-Racist and Healing Pedagogies in Learning Contexts. 3 hours.
Interdisciplinary foundational content for educators regarding trauma-responsive pedagogical frameworks/anti-racist ideologies. Translate trauma-informed approaches to professional practices to create healing-centered/anti-racist learning content. Course Information: Same as CI 444 and EPSY 444. Prerequisite(s): ED 150 or EPSY 255; or graduate standing; or consent of the instructor.

ED 445. Adolescence and the Schools. 3 hours.
Physiological, intellectual, and social development of adolescence. Relations between aspects of adolescent development and the academic and social demands of secondary schools. Course Information: Prerequisite(s): EPSY 210, or the equivalent, or graduate standing.

ED 450. Pre-Student Teaching in the Urban Elementary Classroom, Fieldwork III: Arts, Health, and Physical Ed. 1-12 hours.
This pre-student teaching experience immerses teacher candidates in classrooms in a supervised experience of learning to teach; and develop effective practices with an emphasis in arts, health and physical education. Course Information: May be repeated. Field work required. Field work: total of 180 hours, coordinated by the program director and in collaboration with field instructors. Prerequisite(s): Senior standing or above and admission to the Bachelor of Arts in Urban Education, Concentration in Elementary Education.

ED 451. Student Teaching in the Urban Elementary Classroom: Fieldwork IV. 0-12 hours.
Student teaching is a full-time experience of learning to teach in a classroom with university mentoring and supervision. Course Information: May be repeated. Field work required. Prerequisite(s): ED 450 and admission to the Bachelor of Arts in Urban Education, Concentration in Elementary Education and senior standing. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Practice.

ED 461. Political and Socio-Cultural Perspectives on Special Education. 3 hours.
Students will examine issues of access and equity through legislation, litigation, and socio-cultural perspectives and be introduced to major theoretical frameworks that influence special education programs. Course Information: Same as SPED 461. Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ED 470. Educational Practice with Seminar I. 0-12 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the college. 1 to 12 hours. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, and approval of the college or department of specialization. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ED 471. Educational Practice with Seminar II. 0-12 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the college. 1 to 12 hours. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, credit or concurrent registration in ED 470, and approval of the college or department of specialization. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

ED 472. Promoting Academic and Prosocial Behavior I. 3 hours.
The importance of school-wide and classroom structure and climate in the educational process. Strategies to promote academic success and desired social behavior. Course Information: Same as SPED 472. Field work required. Prerequisite(s): SPED 461 or ED 461 or the equivalent or consent of the instructor.

ED 473. Teaching Math and Science with Adaptations. 3 hours.
Provides prospective teachers with assessment strategies and a range of adaptations, modifications, and interventions in math and science for students with disabilities. Course Information: Same as SPED 473. Field work required. Prerequisite(s): SPED 461. Course Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ED 499. Critical Perspectives on Language Policy and the Construction of Ability in Schools. 4 hours.
Focuses on the role of cultural, historical, and political contexts in shaping language politics regulating school and their implications for notions of competence. Students will do data collection in a study abroad site. Course Information: Recommended background: Conversational Spanish.

Educational Policy Studies (EDPS)

Courses

EDPS 104. Race, Place, and Schooling: Black Americans and Education. 3 hours.
Examination of the social, political, cultural, and economic factors shaping Black Americans' educational experiences in the United States historically and currently. Course Information: Same as BLST 104. *UIC GE Individual and Society course, and UIC GE US Society course*.

EDPS 361. Education in Urban Context. 3 hours.
Cross-disciplinary, critical analysis of relationships between public schools and their urban contexts, with attention to implications for teaching and learning. Course Information: Prerequisite(s): Senior standing or above and admission to the Bachelor of Arts in elementary Education program.

EDPS 412. Politics of Urban Education. 3 or 4 hours.
Relations between school governance and politics. The role of educational interest groups, school boards, professional educators, and citizens in formulation and execution of educational policy. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

EDPS 415. Current Controversies in Urban Higher Education. 3 or 4 hours.
Examines critical issues in urban higher education such as academic freedom, free speech, college affordability, alcohol/drugs, and student mental health, as well as the legal consequences of these and other issues. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above.

EDPS 449. Early Childhood /Early Childhood Special Ed: Perspectives, Policies and History. 3 hours.
Perspectives, policies, history, and foundations of Early Childhood Education and Early Childhood Special Education. Emphasis on the effects of changing economic, political, legal, social, and views of human development. Course Information: Same as EPSY 449 and SPED 449.

EDPS 453. Topics in Educational Policy Studies. 3 or 4 hours.
Topics are announced at the time the class is scheduled. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours.

EDPS 470. Collective Bargaining Practice and Policy in K-12 and Higher Education. 4 hours.
Introduces students to the major issues surrounding collective bargaining practice and policy in K-12 and higher education in Chicago, Illinois, and the U.S. Course Information: Prerequisite(s): Graduate standing; and consent of the instructor.

EDPS 480. Youth Culture Community Organizing and Education. 4 hours.
Introduction to the tenets of community organizing in partnership with contemporary interpretations of youth culture as a means to interpret urban public education. Course Information: Prerequisite(s): Graduate standing; or consent of the instructor. Recommended background: Experience with working with youth in K-12 classrooms, community organizations, community centers, and faith-based groups.

EDPS 488. Education and Social Movements. 3 or 4 hours.
Focuses on relationships between education and social movements in US and internationally. Examines centrality of education in social justice movements, social movements as public pedagogy, and public education as a focus of social justice movements. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of instructor for advanced undergraduates. Recommended background: Coursework in one or more of the following: Sociology, Urban Studies, Black Studies, Gender and Women's Studies, Ethnic Studies, Latinx and Latin American Studies, Critical Theory, Social Foundations of Education.

Educational Psychology (EPSY)

Courses

EPSY 100. Introduction to Human Development and Learning. 3 hours.
Examines basic concepts and theories in human development. Discusses relationships between biological, cognitive, social, and cultural aspects of development with learning across the lifespan. *UIC GE Individual and Society course*.

EPSY 150. Human Development and Learning Academic Success. 2 hours.
Provides new students in Human Development & Learning (for example, transfers, first year students) an introduction to the college experience, HDL Program, College of Education, and UIC to facilitate students' adjustment to university life. Course Information: Meets eight weeks of the semester.

EPSY 160. Games, Learning, and Society. 3 hours.
Explores the development and design of games for teaching and learning. Critical analysis of games and how they shape interactions among players, their learning, and their connection to society. Course Information: Same as ED 160. *UIC GE Individual and Society course*.

EPSY 210. Principles of Learning and Instruction Across the Lifespan. 3 hours.
How people learn and the design of instruction and assessment across a broad set of formal and informal instructional environments and populations. Course Information: Same as ED 210. Prerequisite(s): Sophomore standing or above; or consent of the instructor. Secondary Teacher Education students should enroll in the ED 210 section. All other students should enroll in the EPSY 210 section.

EPSY 242. Introduction to Sexuality Development Across the Lifespan. 3 hours.
Examine all aspects of the development of sexuality across the lifespan. Course covers physiological, cognitive, behavioral, emotional, identity, and relational components of sexuality development and how contextual factors shape sexual development. Course Information: Prerequisite(s): EPSY 100 or PSCH 100. *UIC GE Individual and Society course*.

EPSY 255. Child Development in Contemporary Society. 3 hours.
Examination of theories on child development that explain age-related differences in cognition, socio-emotional development, physical development, and social changes and how this relates to 0-12-year-old children's learning and educational needs. Course Information: Prerequisite(s): ED 100 or PSCH 100 or EPSY 100; or consent of the instructor. *IAI Major ECE course*.

EPSY 256. Adolescent and Early Adulthood Development in Contemporary Society. 3 hours.
Overview of social, cognitive, and physiological development of adolescent and early adult development. Examines the contexts and institutions that influence adolescent and adult development, with a particular interest in the urban context. Course Information: Prerequisite(s): Grade of C or better in EPSY 100 or PSCH 100, or consent of the instructor. Recommended background: EPSY 210 and EPSY 255.

EPSY 257. Adult Development and Aging in Contemporary Society. 3 hours.
Overview of social, emotional, personality, cognitive, physiological, and biological changes associated with adult development and aging. Examines the influence of diverse cultural contexts, institutions, and policies on lifespan development. Course Information: Prerequisite(s): Grade of C or better in EPSY 100 or Grade of C or better in PSCH 100; or consent of the instructor. *UIC GE Individual and Society course*.

EPSY 263. Sport, Global Cultures, and Development. 3 hours.
Students will explore different regions of the world through sport, and will consider how sport is a means of identifying, sharing, and even transforming the values and cultural norms in these regions.

EPSY 320. Understanding Children's Social Development & Socialization in an Urban Context. 3 hours.
Introduces social development and socialization theories as it relates to children growing and learning in an urban context. Course Information: Extensive computer use required. Prerequisite(s): EPSY 100 or PSCH 100 or ED 100; and EPSY 255 or PSCH 320; or consent of the instructor.

EPSY 326. Child Health, Safety, and Nutrition. 3 hours.
Early childhood curriculum, regulations, standards, policies, and procedures related to child health, safety, and nutrition birth - age 8. Emphasis on partnering with families and community and integrating and maintaining health, safety, and nutrition. Course Information: Prerequisite(s): EPSY 255.

EPSY 340. Self and Identity Development Across the Lifespan. 3 hours.
Overview of theories, research, and contextual factors related to self and identity development across the lifespan, as well as developmental implications for individuals' learning, health, and well-being. Course Information: Prerequisite(s): Grade of C or better in two of the following: EPSY 255, EPSY 256, or EPSY 257 or equivalent, or consent of instructor. Recommended background: Coursework in human development and learning, psychology, and/or sociology.

EPSY 360. Assessment in the Urban Elementary Classroom I. 2 hours.
Beginning concepts in the design, administration, and scoring of assessments useful in urban elementary classrooms for measuring different types of learning outcomes, from simple to complex. The focus will be on achievement assessments. Course Information: 2 hours. Extensive computer use required. Field work required. Thirty hours of fieldwork required. Prerequisite(s): EPSY 255; and junior standing or above and admission to the Bachelor of Arts in Urban Education, Concentration in Elementary Education. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

EPSY 361. Assessment in the Urban Elementary Classroom II. 2 hours.
Continuing and advancing concepts of design, administration, and scoring of assessments useful in urban elementary classrooms for measuring different types of learning outcomes, from simple to complex. The focus will be on performance assessments. Course Information: 2 hours. Extensive computer use required. Field work required. Prerequisite(s): EPSY 255 and EPSY 360; and junior standing or above and admission to the Bachelor of Arts in Urban Education, Concentration in Elementary Education. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

EPSY 363. Understanding and Applying Research in Human Development. 3 hours.
Provides students with the necessary skills to become critical consumers of research in human development, learning, and instruction. Emphasis on making sense of research findings and when and how to apply findings in a variety of settings. Course Information: Prerequisite(s): Grade of C or better in two of the following: EPSY 255, EPSY 256, EPSY 257 or equivalent, or consent of instructor.

EPSY 364. Sport and Human Development. 3 hours.
Students will learn how sport and athletics influence human learning and development across the lifespan, paying particular attention to changes in affect, cognition, ethical behavior, and social interactions in educational settings. Course Information: Recommended background: An interest and/or expertise in physiology, psychological and biological factors associated with human development.

EPSY 370. ECE and Curriculum. 3 hours.
Emphasizes planning, organizing, implementing, and evaluating programs for young children with diverse learning needs birth - 8 years. Students will be provided with an understanding of developmentally appropriate programs and practice. Course Information: Prerequisite(s): EPSY 100 and EPSY 255 and EPSY 210; or consent of the instructor.

EPSY 371. Human Development and Learning in the Context of Institutions. 3 hours.
Explores human development and learning within the context of institutional systems such as juvenile justice, child protective services, residential treatment, and hospitals. Course Information: Prerequisite(s): EPSY 100 or PSCH 100 or EPSY 255 or EPSY 256 or EPSY 257 or ED 210; or EPSY 210 or EPSY 363.

EPSY 372. Youth, Families, Communities, and Justice. 3 hours.
Explores research and literature on the experiences of youth, families, and communities as they relate to the justice system. Emphasis on the effects of incarceration on human development and learning, and children of incarcerated parents. Course Information: Prerequisite(s): EPSY 100 or PSCH 100 or EPSY 255 or EPSY 256 or ED 210 or EPSY 210 Or consent of instructor.

EPSY 373. Advanced Research Methods in Human Development and Learning. 3 hours.
Conducting research in human development and learning. Emphasis on designing and implementing studies, analyzing data, interpreting findings, and communicating with the scientific and broader community. Course Information: Prerequisite(s): Grade of C or better in EPSY 363 or equivalent, or consent of instructor.

EPSY 374. Observation, Curriculum, and Learning Environments for Very Young Children. 4 hours.
Explores principles and practices needed to provide high quality infant/toddler care and education. Course Information: Prerequisite(s): EPSY 255. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

EPSY 380. Instructional Design and Training. 3 hours.
An introduction to the field of instructional design and training, current trends and issues impacting the field, and future directions and careers in the field. Topics include visual literacy, ADDIE, technology tools, and technology integration. Course Information: Extensive computer use required.

EPSY 382. Child, Family, and Community. 3 hours.
Explores the importance of relationships between young children, their families, the community, and the early childhood setting. Examines issues of diversity and anti-bias approaches as well as current policies and practices that influence families. Course Information: Prerequisite(s): EPSY 100 or EPSY 255 or EPSY 210; or consent of the instructor.

EPSY 383. Critical Perspectives in Latinx Human Development. 3 hours.
Focuses on the contextual, cultural and societal factors that influence the healthy development of Latinx people in the U.S. Major topics are immigration, racial/ethnic identity, racism, acculturation, resistance and social change. Course Information: Prerequisite(s): EPSY 100 or PSCH 100; or SOC 100 or SOC 105; or LALS 101. Open only to juniors and seniors; or consent of the instructor.

EPSY 384. Critical Perspectives in LGBTQ+ Human Development. 3 hours.
Explores LGBTQ+ human development across the lifespan with a focus on intersecting ecological factors (e.g., social, cultural, political, educational, generational) and an emphasis on promoting resilience, well-being, and queer joy. Course Information: Prerequisite(s): EPSY 100; or PSCH 100; or consent of the instructor.

EPSY 394. Special Topics in Educational Psychology. 1-4 hours.
Exploration of a topic not covered in existing course offerings. Course Information: May be repeated. Prerequisite(s): Consent of the instructor.

EPSY 396. Independent Study. 1-4 hours.
Students carry out independent study under the direction of educational psychology faculty member. Course Information: May be repeated to a maximum of 16 hours. Prerequisite(s): Sophomore standing or above; and consent of the instructor.

EPSY 398. Directed Research in Human Development and Learning. 1-4 hours.
Students carry out directed research under the mentorship of educational psychology faculty member. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 16 hours. Prerequisite(s): EPSY 363 or equivalent course, and consent of the instructor.

EPSY 400. Print-based Instructional Materials: Design and Development. 3 hours.
Focuses on the design and development process for creating and presenting print-based instructional materials for various learning contexts, to include basic analysis, design, layout, and development guidelines. Course Information: Extensive computer use required.

EPSY 405. Educational Assessment and Evaluation. 3 hours.
Design, administration and scoring of assessments and evaluations useful in educational contexts for measuring different types of learning, program and developmental outcomes, from simple to complex. Course Information: Prerequisite(s): EPSY 255; or junior standing or above; or consent of the instructor.

EPSY 413. Youth Development Colloquium. 1 hour.
Focuses on current issues and trends in the field of youth development. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Junior standing or above.

EPSY 414. Developing Programs For Youth. 3 hours.
Survey and development of programs that support the growth, learning, and well-being of diverse youth (ages 10-25), with a focus on participatory program planning through a youth development lens. Course Information: Previously listed as CI 416. Prerequisite(s): Junior standing or above; or consent of the instructor.

EPSY 415. Fieldwork in Human Development and Learning in Urban Contexts. 3 hours.
Experience working with programs that foster the developmental needs of young people in urban contexts. Students will design, implement and evaluate programs that promote personal development and independent action among youth. Course Information: May be repeated to a maximum of 6 hours. Previously listed as CIE 415. Field work required. Prerequisite(s): EPSY 363; and junior standing or above. Recommended background: EPSY 414. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

EPSY 416. Enhancing Program Quality in School-Age and Youth Development Programs. 3 hours.
An overview of theories and practical methods in exploring the interrelated system of program quality, implementation, and evaluation. Relevant for those working in diverse settings and with diverse children and youth. Course Information: Prerequisite(s): Junior standing or above; or consent of the instructor. Recommended background: EPSY 414.

EPSY 420. Advanced Social Development of Children in an Urban Context. 3 or 4 hours.
Course examines some general principles of children's (3-14 years old) social development and socialization and the applicability of these principles for urban-dwelling children. Prerequisite(s): Admission to the graduate program in education, psychology, social work, public health, or consent of the instructor.

EPSY 422. Children, the Changing Natural World, and Environmental Stewardship. 3 hours.
Participants will explore how to engage children about the changing natural world. Topics include ecological identities, eco-emotions, stewardship of the Earth, connections between the natural and social worlds, and acting for the planet. Course Information: Same as CI 422.

EPSY 423. Digital Environmental Storytelling and Advocacy. 3 hours.
Explores the qualities of effective environmental storytelling, media, and advocacy, examining contemporary ecological issues and future solutions for Chicago. Students will analyze and produce podcasts, interactive visual and social media, and video. Course Information: Same as CI 423. Extensive computer use required.

EPSY 424. Family Diversity and Film: A Resilience Framework. 3 hours.
Examines diverse families through the use of films as "case studies." Using classic/contemporary films that depict multiple family structures, social-classes, and experiences within families, the internal dynamics of family life are explored. Course Information: Extensive computer use required. Prerequisite(s): EPSY 100; or consent of the instructor. Recommended Background: EPSY 100 and SOC 100 and PSCH 100.

EPSY 426. Development, Health and Wellness: Conception to age 8. 4 hours.
Focuses on the developmental processes in cognitive, social/emotional, language, and physical domains. Special consideration will be given to the interaction:health, wellness, social, cultural, and interpersonal environments of children. Course Information: Previously listed as EPSY 526. Field work required. Prerequisite(s): EPSY 255; and senior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

EPSY 428. Young Children, Nature and Sustainability. 3 hours.
Participants explore the theories and research on the relationship between children's health, development and wellness and their access to and engagement in nature. The four pillars of sustainability are integrated throughout the course.

EPSY 429. Constructivist Approaches to Development: Piaget and Vygotsky. 3 hours.
Piaget's and Vygotsky's theories of development of knowledge. Empirical and logico-mathematical forms of knowledge. Thought and action. Thought and language. Course Information: Same as PSCH 429. Prerequisite(s): EPSY 255 or EPSY 426 or ED 422; and senior standing or above; or consent of the instructor.

EPSY 430. Interactive Online Instruction: Design and Development. 3 hours.
Focuses on the design and development process for creating interactive e-learning for various learning contexts. Course Information: Extensive computer use required.

EPSY 440. Engaging Multimedia Instruction: Design and Development. 3 hours.
Focuses on the design and development of interactive instructional animations that may stand-alone or be integrated as part of a learning program. Course Information: Extensive computer use required.

EPSY 444. Becoming a Trauma-Responsive Educator: Anti-Racist and Healing Pedagogies in Learning Contexts. 3 hours.
Interdisciplinary foundational content for educators regarding trauma-responsive pedagogical frameworks/anti-racist ideologies. Translate trauma-informed approaches to professional practices to create healing-centered/anti-racist learning content. Course Information: Same as CI 4444 and ED 444. Prerequisite(s): ED 150 or EPSY 255; or graduate standing; or consent of the instructor.

EPSY 446. Characteristics of Early Adolescence. 3 hours.
Physiological, social, emotional and cognitive development of early adolescence. The relationship between these developmental characteristics and success in the middle grades. Course Information: Same as PSCH 423. Prerequisite(s): Admission to a program in psychology or education; or approval of the College of Education or consent of the instructor, EPSY 210 or EPSY 255 or ED 421 or ED 422.

EPSY 449. Early Childhood/Early Childhood Special Education: Perspectives, Policies and History. 3 hours.
Perspectives, policies, history, and foundations of Early Childhood Education and Early Childhood Special Education. Emphasis on the effects of changing economic, political, legal, social, and views of human development. Course Information: Same as SPED 449 and EDPS 449.

EPSY 450. Assessment and Evaluation of Learning Outcomes and Instructional Products. 3 hours.
Designed to develop knowledge and skills in systematically evaluating student learning and instructional technology product outcomes related to program goals and standards. Course Information: Extensive computer use required.

EPSY 451. Staff Management and Human Relations for Leaders in Early Childhood Education. 3 hours.
Designed for directors, supervisors and managers in early childhood programs. Focuses on the administrator's role in staff development and human relations, including recruitment, hiring, retaining, training, support and evaluation of personnel.

EPSY 452. Legal, Fiscal and Program Management for Leaders in Early Childhood Education. 3 hours.
Provides students with opportunities to learn and apply current theories of administration in order to improve their skills in managing early childhood education programs.

EPSY 453. Educational Programming and Community Relations for Leaders in Early Childhood Education. 3 hours.
Designed for directors and managers in early childhood programs. Focuses on development and implementation of a program philosophy, curriculum for typically and atypically developing children; and promoting a positive image to the public.

EPSY 461. Seminar and Fieldwork in Human Development and Learning. 3 hours.
The culminating course for students in the Child and Youth Development and Early Childhood Education concentration of the Human Development and Learning BA program. Students have opportunities to bridge theory and research with professional practice. Course Information: Field work required. Prerequisite(s): EPSY 255 and EPSY 256 or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Practice.

EPSY 464. Psychology of Sport and Wellness. 3 hours.
Students will learn specialized ways in which sport and exercise influence wellness, paying particular attention how learning and wellness are fostered when individuals participate in age-bound and lifetime sports. Course Information: Recommended background: Psychology, Physiology, and Biological factors associated with wellness.

EPSY 465. Understanding Students with High Incidence Disabilities. 3 hours.
Uses major theoretical frameworks of human development to examine the characteristics and development of students with high incidence disabilities, ages 3-21. Course Information: Same as SPED 465. Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

EPSY 466. Language Development, Diversity, and Disabilities. 3 hours.
Theory and research on language development in children with disabilities, in the context of typical development. Models for language assessment and intervention. Course Information: Same as SPED 466.

EPSY 467. Understanding Students With Low Incidence Disabilities. 3 hours.
Explores characteristics and development of children and youth with low incidence disabilities, ages 3-21, as well as how schools address their instructional needs. Course Information: Same as SPED 467.

EPSY 471. Facilitating Healthy Development in the Context of Trauma. 3 hours.
Examines the impact of trauma on youth and ways to facilitate healthy development among youth who have experienced trauma. Course Information: Prerequisite(s): EPSY 100 or PSCH 100 or EPSY 255 or EPSY 256 or EPSY 363; or graduate standing.

EPSY 472. Justice, Discipline, and Human Development and Learning. 3 hours.
Explores several disciplinary frameworks and how these frameworks affect human development and learning and how structural oppression is connected to discipline disparities across a variety of contexts (e.g., school-to-prison pipeline). Course Information: Prerequisite(s): EPSY 100 or PSCH 100 or EPSY 255 or EPSY 256 or EPSY 257 or EPSY 363; and graduate standing.

EPSY 482. Collaborating with Families, Community, and Professionals. 3 hours.
Explores the dynamics of professional collaboration with families, addressing characteristics, structures, and processes of collaboration for children and youth with and without disabilities. Course Information: Same as SPED 482. Previously listed as EPSY 582. Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

EPSY 494. Topics in Educational Psychology. 1-4 hours.
Seminar on a pre-announced topic focusing on methodology, research and educational implications of recent models of learning, problem solving, and thinking. Course Information: May be repeated to a maximum of 12 hours. Prerequisite(s): Consent of the instructor.

EPSY 496. Independent Study. 1-4 hours.
Students carry out independent study under the direction of educational psychology faculty member. Course Information: Prerequisite(s): Junior standing or above; and consent of the instructor.

Electrical and Computer Engineering (ECE)

Courses

ECE 115. Introduction to Electrical and Computer Engineering. 4 hours.
Concepts of electrical and computer engineering including: ciruit analysis, fundamental electromagnetics, electronic devices, sensors, communication, digital logic, programming, numerous practical applicaitons; laboratory. Course Information: Much MATLAB programming, which is taught in the course, is required. Prerequisite(s): Credit or concurrent registration in MATH 180; or Grade of C or better in MATH 165. *UIC GE Natural World Lab course*.

ECE 194. Special Topics in Electrical and Computer Engineering. 1-4 hours.
Multidisciplinary electrical and computer engineering topics at first-year level that vary from term to term depending on current student and instructor interests. Course Information: May be repeated.

ECE 210. Electrical Circuit Analysis. 3 hours.
Linear circuit analysis: networks, network theorems, dependent sources, operational amplifiers, energy storage elements, transient analysis, sinusoidal analysis, frequency response, filters. Laboratory. Course Information: Prerequisite(s): Credit or concurrent registration in MATH 180. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 225. Circuit Analysis. 4 hours.
Electric circuit elements; Ohm's Law; Kirchhoff's laws; transient and steady-state analysis of circuits; Laplace transform methods; network theorems. Laboratory. Course Information: Credit is not given for ECE 225 if the student has credit for ECE 210. Prerequisite(s): Credit or concurrent registration in MATH 220; and a Grade of C or better in PHYS 142; and Grade of C or better in ECE 115. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 265. Introduction to Logic Design. 4 hours.
Number Systems; Binary arithmetic; Boolean/Logic functions; Boolean Algebra; logic gates, their CMOS design; function minimization, analysis and synthesis of combinational and sequential circuits. Course Information: Credit is not given for ECE 265 if the student has credit for CS 266 or CS 366. Laboratory. Prerequisite(s): MATH 180 and grade of C or better in ECE 115. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 266. Introduction to Embedded Systems. 4 hours.
Introduction to embedded systems and microcontroller; instruction set; data representations; assembly programming; mixed C/assembly programming; memory organization; interrupt processing; I/O devices and interfacing; programming laboratory. Course Information: Credit is not given for ECE 266 if the student has credit in CS 261. Extensive computer use required. Prerequisite(s): CS 107; and Credit or concurrent registration in ECE 265. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ECE 267. Computer Organization I. 3 hours.
Introduction to computer organization and assembly language programming. Memory, CPU, and I/O organization. Programming techniques and tools. Course Information: Credit is not given for ECE 267 if the student has credit for CS 266 or CS 366. Prerequisite(s): CS 107; and credit or concurrent registration in ECE 265.

ECE 294. Special Topics in Electrical and Computer Engineering. 1-4 hours.
Multidisciplinary electrical and computer engineering topics at second-year level that vary from term to term depending on current student and instructor interests. Course information: May be repeated if topics vary.

ECE 310. Discrete and Continuous Signals and Systems. 3 hours.
Signals; systems; convolution; discrete and continuous Fourier series and transforms; Z-transforms; Laplace transforms; sampling; frequency response; applications; computer simulations. Course Information: Prerequisite(s): MATH 220 and credit or concurrent registration in ECE 225; or credit or concurrent registration in ECE 210 for non-ECE students.

ECE 311. Communication Engineering. 4 hours.
Continuous-time signals and spectra; amplitude and angle modulation, sampling and quantization theory; digital pulse modulation, error probability, commercial broadcasting practices. Course Information: Prerequisite(s): Grade of C or better in ECE 310; and Credit or concurrent registration in ECE 341. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 317. Digital Signal Processing I. 4 hours.
Sampling theorem; discrete signals and systems; discrete time Fourier transform; DFT; FFT; IIR and FIR digital filter design; stability; DSP applications. Laboratory. Course Information: Prerequisite(s): Grade of C or better in ECE 310. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 322. Introduction to Electromagnetics and Applications. 4 hours.
Transmission lines. Plane waves in various media. Polarization and Stoke's parameters. Scalar and vector potentials. Guided wave propagation. Radiation. Linear antennas and antenna parameters. Course Information: Prerequisite(s): ECE 225. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

ECE 333. Computer Communication Networks I. 4 hours.
A balanced presentation focuses on the internet as a specific motivating example of a network and also introduces internet protocols in a more theoretical context. Course Information: Credit is not given for ECE 333 if the student has credit for CS 450. Prerequisite(s): ECE 341 and CS 107. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 340. Electronics I. 4 hours.
Operational amplifiers. Semiconductor junctions. Bipolar and field-effect transistors. Simple transistor amplifier and switching applications. Introduction to digital logic circuits. Laboratory experience. Course Information: Prerequisite(s): Grade of C or better in ECE 225. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 341. Probability and Random Processes for Engineers. 3 hours.
Probability, random variables, discrete and continuous distributions, transformation of random variables, expectation, generating functions, statistical inference, hypothesis testing, estimation, random processes, stationarity, applications. Course Information: Credit is not given for ECE 341 if the student has credit for IE 342. Prerequisite(s): Grade of C or better in MATH 210.

ECE 342. Electronics II. 4 hours.
Differential amplifiers. Feedback amplifiers. Frequency response, stability and compensation of amplifiers. Circuit implementation of logic gates in various logic families. Bistable and memory circuits. Laboratory. Course Information: Prerequisite(s): ECE 340. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 346. Solid State Device Theory. 4 hours.
Introduction to semiconductors, Energy bands, Electron and hole transport mechanisms in semiconductor devices, recombination and generation, P-N Junctions. Intro to metal-oxide-semiconductor field effect transistors. Practical laboratory. Course Information: Prerequisite(s): MATH 220 and a grade of C or better in ECE 115 and a grade of C or better in PHYS 142. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 347. Integrated Circuit Engineering. 3 hours.
Students learn to make real semiconductor devices, what are the most common techniques for integrated circuits fabrication, and what are the limitations. Students learn concepts of diffusion, oxidation, implantation, lithography, etching, and deposition. Course Information: Prerequisite(s): CHEM 122; and Grade of C or better in ECE 225.

ECE 350. Principles of Automatic Control. 4 hours.
Transfer function; block diagrams; flow graphs; state space canonic forms; stability analysis; steady state and transient analysis; feedback control; continuous to discrete conversion; digital control. Course Information: Prerequisite(s): MATH 218 or MATH 310; and grade of C or better in ECE 310. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 366. Computer Organization. 3 hours.
Software/hardware interaction in a computer. Compiler, assembler and linker, machine code. Clocking, datapath, control unit, ALU and memory design, cache memory, pipelining. Course Information: Credit is not given for ECE 366 if the student has credit for CS 261 or CS 262. Prerequisite(s): ECE 266.

ECE 367. Microprocessor-Based Design. 4 hours.
Microprocessor architecture; microprogrammed machines; programmer's model; control signals and timing; system buses; parallel and serial interfacing; interrupt processing; I/O devices; memory devices; direct memory access; assembly language. Laboratory. Course Information: Prerequisite(s): ECE 267; and a grade of C or better in ECE 265 or a grade of C or better in CS 366. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 368. CAD-Based Digital Design. 4 hours.
Semi-complex circuit and system design techniques, data path control using FSMs, VHDL programming, circuit/system design projects using VHDL and CAD tools (VHDL Simulation, Circuit Synthesis). Course Information: Credit is not given for ECE 368 if the student has credit for CS 469. Laboratory. Prerequisite(s): ECE 366. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ECE 391. Electrical and Computer Engineering Practicum. 1 hour.
Provides students with the opportunity to apply the skills and knowledge gained in previous engineering courses within a professional, working environment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 1 hour awarded toward degree requirements. Prerequisite(s): Approval of the Department.

ECE 392. Undergraduate Research. 1-5 hours.
Research under close supervision of a faculty member. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the instructor.

ECE 394. Special Topics in Electrical and Computer Engineering. 1-4 hours.
Multidisciplinary electrical and computer engineering topics at third-year level that vary from term to term depending on current student and instructor interests. Course Information: May be repeated if topics vary.

ECE 396. Senior Design I. 2 hours.
Introduction to the principles and practice of product design: specifications, evaluation of design alternatives, technical reports, and oral presentations. Independent design projects. Course Information: Prerequisite(s): ENGL 161; and ECE 225; and ECE 340 or ECE 346 or ECE 366. Open only to seniors.

ECE 397. Senior Design II. 2 hours.
Implement and test the group project designed in ECE 396; professional development; group presentations including participation at EXPO. Course Information: Prerequisite(s): ECE 396. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ECE 407. Pattern Recognition I. 3 or 4 hours.
The design of automated systems for detection, recognition, classification and diagnosis. Parametric and nonparametric decision-making techniques. Applications in computerized medical and industrial image and waveform analysis. Course Information: Same as BME 407. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 341 or BME 339 or IE 342 or STAT 381.

ECE 410. Advanced Circuit Analysis. 3 or 4 hours.
Matrix algebra for network analysis, network parameters, macromodeling, high-frequency measurements, network functions and theorems. Topics in computer-aided analysis. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): MATH 218 or MATH 310; and grade of C or better in ECE 310.

ECE 412. Introduction to Filter Synthesis. 3 or 4 hours.
Fundamentals of network synthesis, filter approximations and frequency transformations. Active filter synthesis using bi-linear and bi-quad circuits. Topics in computer-aided design. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in ECE 310.

ECE 415. Image Analysis and Computer Vision I. 3 or 4 hours.
Image formation, geometry and stereo. Two-dimensional image analysis by fourier and other 2-D transforms. Image enhancement, color, image segmentation, compression, feature extraction, object recognition. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in ECE 310.

ECE 417. Digital Signal Processing II. 0-5 hours.
Computer-aided design of digital filters; FFT algorithms and applications; multirate signal processing and wavelets; random signals and Wiener filtering; basics of 2-D DSP.Course Information: 4 undergraduate hours. 5 graduate hours. Prerequisite(s): ECE 317. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 418. Statistical Digital Signal Processing. 3 or 4 hours.
Stochastic signal models, LMS identification, identification of signals from noise, Wiener filtering, blind separation of mixed signal, discrete Wavelet Transforms, compression and denoising, ceptral analysis. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 317 and ECE 341.

ECE 421. Introduction to Antennas and Wireless Propagation. 3 or 4 hours.
Potential, antenna parameters, radiation from linear wires and loops, impedance, arrays, communication links and path loss, tropospheric propagation, fading and diversity. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 225 and ECE 322.

ECE 423. Electromagnetic Compatibility. 0-5 hours.
EMC requirements for electronic systems. Nonideal behavior of components. Radiated and conducted emissions. Susceptibility. Coupling and shielding. Electrostatic discharge. System design for EMS. Course Information: Prerequisite(s): MATH 218 or MATH 310 and ECE 322. To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

ECE 424. RF and Microwave Engineering. 0-5 hours.
Transmission lines, Smith chart, strip, active RF devices and components, power amplifiers, voltage-controlled oscillators, mixers, wireless communication and radar systems, resonators, two-port parameters, power and energy considerations. Course Information: 4 undergraduate hours. 5 graduate hours. Prerequisite(s): ECE 225 and ECE 322. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 432. Digital Communications. 3 or 4 hours.
Source coding, quantization, signal representation, channel noise, optimum signal reception, digital modulation: ASK, PSK, FSK, MSK, M-ary modulation. Probability of error. Inter-symbol interference. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): MATH 218 or MATH 310 and ECE 311 and ECE 341.

ECE 434. Multimedia Systems. 3 or 4 hours.
Multimedia systems; compression standards; asynchronous transfer mode; Internet; wireless networks; television; videoconferencing; telephony; applications. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): ECE 310.

ECE 436. Computer Communication Networks II. 3 or 4 hours.
Explores integrated network architecture of service, control signaling and management, examples of high-speed LAN/WAN, next generation Internet and mobile wireless network. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): ECE 333.

ECE 437. Wireless Communications. 3 or 4 hours.
Cellular concept, frequency reuse, mobile radio propagation, channel fading, noise in analog communications, mobile radio channel equalization, multiple access techniques (FDMA, TDMA, CDMA), wireless networking. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 311 and ECE 341.

ECE 440. Nanoelectronics. 3 or 4 hours.
Wave-particle duality, Schrodinger equation, atomic orbitals, band theory of solids. Semiconductor and carbon nanoelectronic materials. Nanostructure device fabrication. Nanoelectromechanical systems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 346; or consent of the instructor.

ECE 442. Power Semiconductor Devices and Integrated Circuits. 0-5 hours.
Encompasses fundamentals of primarily silicon based power semiconductors with regard to basic physical principles, breakdown mechanisms, high voltage bipolar and insulated gate devices, and basic packaging issues.Course Information: 4 undergraduate hours. 5 graduate hours. Credit is not given for ECE 442 if the student has credit for EECS 442. ECE 442 is a supplement for ECE 445 and ECE 545. Prerequisite(s): ECE 346. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 445. Analysis and Design of Power Electronic Circuits. 0-5 hours.
Analysis of different isolated and non-isolated power-converter topologies, understanding of power-converter components, switching schemes. Course Information: 4 undergraduate hours. 5 graduate hours. Prerequisite(s): ECE 342. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 448. Transistors. 3 or 4 hours.
Bipolar junction transistors, electronic processes in surface-controlled semiconductor and dielectric devices. Metal oxide semiconductor filed effect transistors, surface and interface effects, diode lasers, integrated optoelectronic devices. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 346.

ECE 449. Microdevices and Micromachining Technology. 0-5 hours.
Microfabrication techniques for microsensors, microstructures, and microdevices. Selected examples of physical/chemical sensors and actuators. Simulation experiments. Course Information: Same as ME 449. 4 undergraduate hours. 5 graduate hours. Laboratory. Prerequisite(s): ECE 347; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ECE 451. Control Engineering. 3 or 4 hours.
Continuous-and discrete-time state-space models; solutions to state equations; stability; reachabilty/controllability, state feedback, tracking; observability, observers, output feedback; optimal control and estimation. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 350; and Grade of C or better in MATH 218 or MATH 310.

ECE 452. Robotics: Algorithms and Control. 3 or 4 hours.
Kinematic and dynamic modeling of robots; configuration space; motion planning algorithms; control of robots; sensors and perception; reasoning; mobile robots. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in ECE 310; and MATH 218 or MATH 310.

ECE 454. Mechatronic Embedded Systems Design. 0-5 hours.
Design and fabrication of scaled-down autonomous vehicles, from an embed system perspective; mechatronic components such as motors, microcontrollers, power supply, sensors, control algorithms, project oriented, culminating in racing competition. Course Information: 4 undergraduate hours. 5 graduate hours. Prerequisite(s): ECE 266 and ECE 310 and ECE 340; or consent of the instructor. Recommended Background: ECE 350 and ECE 412 and ECE 451. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ECE 458. Electromechanical Energy Conversion. 0-4 hours.
Electromagnetic forces and torque; magnetic circuits and transformers; DC machines; three-phase AC synchronous and induction machines; laboratory-demonstrations. Projects are required. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in ECE 225. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 464. Testing and Reliability of Digital Systems. 3 or 4 hours.
Theory, practice and recent innovations in the testing and reliability of modern digital systems. Topics: fault modeling / simulation, automatic test pattern generation, built-in self-test, fault tolerance. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): CS 251; and ECE 366.

ECE 465. Digital Systems Design. 3 or 4 hours.
Switching algebra, combinational circuits, Mux, ROM, DCD, PLA-based designs, advanced combinational circuit minimization techniques, sychronous and asynchronous sequential circuit synthesis (minimization, hazards, races, state assignment) testing. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade C or better in PHYS 142; and ECE 366.

ECE 466. Computer Architecture. 3 or 4 hours.
Design principles of computer architecture. Topics include: instruction set architecture, pipelining, instruction-level parallelism, caches, main memory, and thread-level parallelism. Course Information: Same as CS 466. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ECE 366 or CS 261.

ECE 467. Introduction to VLSI Design. 0-5 hours.
MOS, CMOS circuits VLSI technology, CMOS circuit characterization and evaluation. Static and dynamic MOS circuits, system design, faults, testing, and symbolic layout. Laboratory. Course Information: 4 undergraduate hours. 5 graduate hours. Prerequisite(s): ECE 340. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 468. Analog and Mixed - Signal Integrated Circuits. 0-5 hours.
Review of basic analog concepts; Sampling and mixed-signal interface circuits; analytical analysis and CAD-based design/simulation; emphasis on compact modeling, design tradeoffs, and intuitive design approaches. Course Information: 4 undergraduate hours. 5 graduate hours. Prerequisite(s): ECE 342.Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

ECE 469. Hardware Description Language Based Digital and Computer System Design. 0-5 hours.
Hardware description language (HDL) introduction; digital system design including arithmetic circuit, datapath and control; basic processor architecture and design; use of CAD tools for simulation, synthesis, and verification. Course Information: 4 undergraduate hours. 5 graduate hours. Prerequisite(s): ECE 366; and ECE 465. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

ECE 491. Seminar. 1-4 hours.
Topics of mutual interest to a faculty member and a group of students. Offered as announced by department bulletin or the Timetable. Course Information: May be repeated. Prerequisite(s): Consent of the instructor.

ECE 493. Special Problems. 1-5 hours.
Special problems or reading by special arrangement with the faculty. Course Information: No graduation credit for students in the following: MS in Electrical and Computer Engineering or PhD in Electrical and Computer Engineering. Prerequisite(s): Consent of the instructor.

ECE 496. Undergraduate Senior Design Thesis I. 0-8 hours.
Introduction to engineering design and research methods: design tools, product conception and development, simulation, prototyping, technical reports and presentations, literature survey and undergraduate thesis. Course Information: Credit for ECE 496 only given to non-degree students. No graduation credit is given for ECE 496 to students enrolled in any degree program in Engineering. Extensive computer use required. Prerequisite(s): Consent of the instructor.

ECE 497. Undergraduate Senior Design Thesis II. 0-8 hours.
Introduction to engineering design and research methods: design tools, product conception and development, simulation, prototyping, technical reports and presentations, literature survey and undergraduate thesis. Course Information: Credit only given to non-degree students. No graduation credit given to students enrolled in Engineering. Extensive computer use required. Prerequisite(s): Consent of the instructor.

ECE 499. Professional Development Seminar. 0 hours.
Graduating seniors will be provided with information regarding future career paths and will provide information regarding the program to be used for assessment purposes. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to seniors; and approval of the department. Must be taken in the student's last semester of study.

Engineering (ENGR)

Courses

ENGR 100. Engineering Success Seminar for Freshmen. 1 hour.
A general orientation course on skills pertinent to students for successful completion of their undergraduate degree. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Should be taken within the first semester after enrolling in the College of Engineering. Prerequisite(s): Admission to the College of Engineering. Degree-seeking students only.

ENGR 101. Engineering Success Seminar for Transfer Students. 1 hour.
A general orientation course on skills pertinent to students for successful completion of their undergraduate degree. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Should be taken within the first semester after enrolling in the College of Engineering. Prerequisite(s): Degree-seeking transfer students only.

ENGR 111. Engineering Practicum in Additive Manufacturing. 1 hour.
Polymeric materials and process-specific aspects of lab safety; computer aided design for 3D printing including support structures; hand-on 3D printing projects; post-processing; integration with subtractive manufacturing. Course Information: Satisfactory/Unsatisfactory grading only. Extensive computer use required. Meets eight weeks of the semester. Prerequisite(s): Approval of the Department.

ENGR 112. Engineering Practicum in Subtractive Manufacturing. 1 hour.
Relevant aspects of shop and machine safety; computer aided machining software; usage of manual and computer numerical control mill and router, laser cutter, lathe, drill press, belt sander and cutoff saw; integration with additive manufacturing. Course Information: Satisfactory/Unsatisfactory grading only. Meets eight weeks of the semester. Prerequisite(s): Approval of the Department.

ENGR 189. Minority Engineering Freshman and Transfer Student Orientation. 1 hour.
Orientation for undergraduate minority engineering students; seminars, lectures and workshops by faculty, upperclass students, administration and industry representatives on topics relevant to ethnic minority groups. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Should be taken in the first semester after acceptance into the College of Engineering. Prerequisite(s): Admission to the College of Engineering. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ENGR 193. Engineering Student Leadership Seminar. 1 hour.
Peer student leadership topics in Engineering, team building events, self reflection, feedback and program assessment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. No graduation credit. Prerequisite(s): Open only to freshmen.

ENGR 194. Special Topics in Engineering. 1-3 hours.
Multidisciplinary engineering topics that vary from term to term depending on current student and instructor interests. Course Information: May be repeated. Students may register in more than one section per term.

ENGR 214. Advanced Practicum in Physical Prototyping. 1 hour.
Advanced design software for digital manufacturing, 3d printing, CNC milling, laser and vinyl cutting, circuit boards and basic electronics and micro-controllers, shop and machine safety, relevant material properties. Course Information: Satisfactory/Unsatisfactory grading only. Extensive computer use required. Meets eight weeks of the semester. Prerequisite(s): Graduate standing; or consent of the instructor.

ENGR 289. Cooperative Engineering Practice. 0 hours.
Off-campus participation in a governmental or industrial training program. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Enrollment in the Cooperative Engineering Program.

ENGR 293. Engineering Student Leadership Seminar. 1 hour.
Peer student leadership topics in Engineering, team building events, self reflection, feedback and program assessment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. No graduation credit. Prerequisite(s): Open only to sophomores.

ENGR 294. Special Topics in Engineering. 1-3 hours.
Course on multidisciplinary engineering topics that vary from term to term depending on current student and instructor interests. Course Information: May be repeated. Students may register in more than one section per term.

ENGR 393. Engineering Student Leadership Seminar. 1 hour.
Peer student leadership topics in Engineering, team building events, self reflection, feedback and program assessment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. No graduate credit. Prerequisite(s): Open only to juniors.

ENGR 394. Special Topics in Engineering. 1-3 hours.
Course on multidisciplinary engineering topics that vary from term to term depending on current student and instructor interests. Course Information: May be repeated. Students may register in more than one section per term.

ENGR 400. Engineering Law. 3 or 4 hours.
Overview of the legal system. Legal principles affecting the engineering profession. Professional ethics in engineering. Intellectual property law. Basic contract and tort principles. Environmental law. Course Information: Same as MENG 400. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above.

ENGR 401. Engineering Management. 3 or 4 hours.
Theory, strategy, and tactics of the use of project management including project planning, matrix management concept, and team meetings. Course Information: Same as MENG 401. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above.

ENGR 402. Intellectual Property Law. 3 or 4 hours.
Patent, copyright, trade secret, mask work, and cyber-squatting legal and procedural principles; protection for novel software, biotech inventions, and business methods; and trademark protection for domain names. Course Information: Same as MENG 402. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above.

ENGR 403. Reliability Engineering. 3 or 4 hours.
Probability overview; statistics overview; system reliability modeling and prediction-static methods; system reliability modeling and prediction-dynamic methods; maintainability and availability; reliability optimization; and risk analysis. Course Information: Same as MENG 403. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above.

ENGR 404. Entrepreneurship. 3 hours.
Identify new business opportunities in technology, market value assessment, competition, business plan, funding acquisition, intellectual property protection and case studies. Course Information: Prerequisite(s): Open only to seniors; and consent of the instructor.

ENGR 420. Engineering for Success. 1 hour.
Interactive seminars will be given by persons with engineering degrees having shown high achievement in either engineering or non-engineering endeavors. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Junior standing or above.

ENGR 436. Wireless Data. 3 or 4 hours.
Data communications, existing Wireless Data Networks, planning, topology, performance, and operation. Course Information: Same as MENG 436. 3 undergraduate hours. 4 graduate hours. Previously listed as ENGR 410. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above and a course in digital communications and an introductory course in wireless communications.

ENGR 490. Professional Skills for Engineers and Computer Scientists. 1 hour.
Provides students an opportunity to learn about professional skills needed in a job search and entering the workforce. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to Master's degree students; and approval of the department. Restricted to MS coursework only graduate students in the College of Engineering in select programs that have a co-op track.

ENGR 493. Engineering Student Leadership Seminar. 1 hour.
Peer student leadership topics in Engineering, team building events, self reflection, feedback and program assessment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. No graduation credit. Prerequisite(s): Open only to Seniors.

ENGR 494. Special Topics in Engineering. 1-4 hours.
Course on multidisciplinary engineering topics that vary from term to term depending on current student and instructor interests. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Junior standing or above; and consent of the instructor.

English (ENGL)

Courses

ENGL 060. English as a Second Language Composition II. 4 hours.
Basic writing for ESL students. Students write in a variety of genres with an emphasis on argument and sentence-level grammar. Topics vary by section. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Previously listed as ESL 060. This class may be taught in a blended an online format. When that is the case, internet access will be required. A high-speed connection is strongly suggested. Please check the online class schedule for blended-online sections. Prerequisite(s): Open only to freshmen and sophomores. Eligibility as determined by performance on the Department placement test.

ENGL 101. Understanding Literature and Culture. 3 hours.
Reading and analysis of texts from a variety of literary forms and periods that reflect key developments in history and culture. Special attention to methods for determining literary meaning and how texts reveal the complexities of cultural activity. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *IAI GECC Humanities course, and UIC GE Creative Arts course*.

ENGL 103. Poetry and the World. 3 hours.
A representative selection of poetry from a variety of periods and forms. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *IAI GECC Humanities course, and UIC GE Creative Arts course*.

ENGL 104. Understanding Drama. 3 hours.
Examination and analysis of the form and content of works of drama based upon representative selections from a variety of periods. *IAI GECC Humanities course, and UIC GE Creative Arts course*.

ENGL 105. Understanding Fiction. 3 hours.
Reading and analysis of representative selections from a variety of periods and forms in fiction. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *IAI GECC Humanities course, and UIC GE Creative Arts course*.

ENGL 118. Introduction to African American Literature, 1760-1910. 3 hours.
Comprehensive survey, 1760-1910, from earliest folk roots to formal literary tradition. Course Information: Same as BLST 110. *UIC GE Creative Arts course, and UIC GE US Society course*.

ENGL 119. Introduction to African American Literature Since 1910. 3 hours.
Comprehensive survey of African American literature from 1910 to the present. Course Information: Same as BLST 111. *UIC GE Creative Arts course, and UIC GE US Society course*.

ENGL 123. Introduction to Asian American Literature. 3 hours.
Introductory survey of a wide range of Asian American literature in various socio-historical contexts. Course Information: Same as GLAS 123. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Creative Arts course, and UIC GE US Society course*.

ENGL 126. True Crime: The Allure, Ethics, and Politics of the Genre. 3 hours.
The evolution of the true crime genre throughout U.S. history, exploring how these narratives reveal changing attitudes about gender, mental health, morality, and race as well as shifting criminological theories and practices. Course Information: Same as CLJ 123. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

ENGL 131. Understanding Moving Image Arts. 3 hours.
Examination and interpretation of moving image texts such as film, television, and new digital media. Course Information: Same as MOVI 131. Previously listed as ENGL 121. *UIC GE Creative Arts course*.

ENGL 132. Understanding Film. 3 hours.
Representative selections of film, from a variety of periods and forms. Development of analytical and interpretive skills in understanding film. Course Information: Same as MOVI 132. Previously listed as ENGL 102. *UIC GE Creative Arts course*.

ENGL 135. Understanding Popular Genres and Culture. 3 hours.
Introduction to pulp fiction, young adult fiction, graphic novels and comic books, speculative fiction, film, television, and other popular discourses. Course Information: Previously listed as ENGL 110. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

ENGL 150. Introduction to Academic Writing for Nonnative Speakers of English. 3 hours.
Preparatory class for nonnative speakers of English. Students write in a variety of genres with an emphasis on argument and sentence-level grammar. Topics vary by section. Course Information: Previously listed as ENGL 070. Extensive computer use required. Eligibility as determined by performance on the Department placement test. This class may be taught in an online format. When that is the case, internet access will be required. A high-speed connection is strongly suggested. Please check the online class schedule for online sections. Based on final course assessment, the English Department may recommend a waiver of ENGL 160, allowing students to move directly into ENGL 161. Prerequisite(s): Grade of D or better in ENGL 060 or Eligibility as determined by performance on the Department placement test.

ENGL 151. Introduction to Academic Writing. 3 hours.
Preparatory writing course in different genres with a focus on argument, sentence-level grammar and rhetorical effectiveness. Course Information: Previously listed as ENGL 071. Extensive computer use required. Eligibility as determined by performance on the Department placement test. This class may be taught in an online format. When that is the case, internet access will be required. A high-speed connection is strongly suggested. Please check the online class schedule for online sections. Based on final course assessment, the English Department may recommend a waiver of ENGL 160, allowing students to move directly into ENGL 161. Prerequisite(s): Eligibility determined by performance on the Department placement test.

ENGL 153. Understanding Grammar and Style. 3 hours.
Introduction to basic grammatical structures and semantics of English and general strategies for effective written communication. A focus on interrelationships, how aesthetic choices shape meaning, how grammatical techniques create semantic and stylistic effects. Course Information: Previously listed as ENGL 158.

ENGL 154. Understanding Rhetoric. 3 hours.
An introductory examination of rhetoric as an intellectual force shaping discourse in both academic and public domains. Course Information: Previously listed as ENGL 122. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

ENGL 159. Academic Writing Workshop. 1 hour.
Critical reading and writing genres with an emphasis on argument and sentence-level grammar. Topics/Genres vary by section. Course Information: Extensive computer use required. This class may be taught in an online format. When that is the case, internet access will be required. A high-speed connection is strongly suggested. Please check the online class schedule for online sections. Prerequisite(s): Placement into ENGL 071 and Consent of the Director First-Year Writing Program. Corequisite(s): Students must enroll concurrently in ENGL 160 in their first semester and continue in ENGL 160 throughout the semester. Restricted to Fall semester freshmen.

ENGL 160. Academic Writing I: Writing in Academic and Public Contexts. 3 hours.
Students write in a variety of genres with an emphasis on argument and sentence-level grammar. Topics vary by section. Course Information: Extensive computer use required. This class may be taught in an online format. When that is the case, internet access will be required. A high-speed connection is strongly suggested. Please check the online class schedule for online sections. Prerequisite(s): Eligibility as determined by performance on the Department placement test. Class Schedule Information: Course descriptions for composition courses are available at the First-Year Writing Program website: http://www.uic.edu/depts/engl/programs/1styearwriting/. *IAI GECC Writing course*.

ENGL 161. Academic Writing II: Writing for Inquiry and Research. 3 hours.
Students learn about academic inquiry and complete several writing projects including a documented research paper. Topics vary by section. Course Information: Extensive computer use required. This class may be taught in an online format. When that is the case, internet access will be required. A high-speed connection is strongly suggested. Prerequisite(s): ENGL 160 or the equivalent. All students take the Writing Placement test except for those with test-based exemptions noted here. If students place into ENGL 060, ENGL 070, ENGL 071, and ENGL 160, the student must take the course (or courses) prior to enrolling in ENGL 161. Students with an ACT English subscore of 27 or higher, SAT Evidence-Based Critical Reading score of 630 or higher, AP English Language & Composition score of 3 or higher, or IB English Language A: Language & Literature score of 6 or higher, receive credit for ENGL 160 and permission to enroll in ENGL 161. Class Schedule Information: Students may register for any section. Course descriptions for composition courses are available at the First-Year Writing Program website: http://www.uic.edu/depts/engl/programs/1styearwriting/. *IAI GECC Writing course*.

ENGL 175. Understanding the Bible as Literature. 3 hours.
A broad overview of various literary genres in the Bible such as origin narrative, historical narrative, poetry, wisdom literature, prophetic/apocalyptic literature, parable, and epistle. Course Information: Same as RELS 175. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Creative Arts course*.

ENGL 198. Field Research in Writing and Rhetoric. 1-3 hours.
Students apply the academic features of reading and writing texts to contexts outside the classroom through the design and execution of field-based research projects. Course Information: Satisfactory/Unsatisfactory grading only. Field work required. May be repeated to a maximum of 8 hours. Prerequisite(s): Consent of the instructor and admission to the Chicago Civic Leadership Certificate Program (CCLCP). Corequisite(s): Students must enroll concurrently in one of four required CCLCP courses, taken during the freshman and sophomore years. Contact program advisor for additional details.

ENGL 203. The Science and Rhetorics of Climate Change. 3 hours.
Explores climate change as a physical and cultural phenomenon through the rhetorical analysis of texts, data, and primary research. Course Information: Same as EAES 203. Extensive computer use required.

ENGL 207. Interpretation and Critical Analysis. 3 hours.
Introduction on how to read, interpret, analyze and write critically about texts and other cultural productions--literary, theoretical, rhetorical, and/or critical. Course Information: Credit is not given for ENGL 207 if the student has credit in ENGL 240. Previously listed as ENGL 240. Recommended background: Completion of ENGL 161 and 3 hours from ENGL 101-125. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Creative Arts course*.

ENGL 208. English Studies I: Beginnings to the 17th Century. 3 hours.
A survey of significant works in the field of English studies, beginnings to the 17th century, their historical, cultural, aesthetic, and rhetorical dimensions, from a number of critical perspectives. Course Information: Credit is not given for ENGL 208 if the student has credit in ENGL 241. Previously listed as ENGL 241. Recommended background: Completion of ENGL 161 and 3 hours from ENGL 101-125. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture-Discussion. *UIC GE Creative Arts course, and UIC GE Past course*.

ENGL 209. English Studies II: 17th Century to Today. 3 hours.
A survey of significant works in the field of English studies, from the 17th century to today, their historical, cultural, aesthetic, and rhetorical dimensions, from a number of critical perspectives. Course Information: Credit is not given for ENGL 209 if the student has credit in ENGL 242 or ENGL 243. Previously listed as ENGL 242. Recommended background: Completion of ENGL 161 and 3 hours of ENGL 101-125. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture-Discussion. *UIC GE Creative Arts course*.

ENGL 213. Introduction to Shakespeare. 3 hours.
Introductory survey of Shakespeare's major plays and poems. Course Information: Previously listed as ENGL 107. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE Past course*.

ENGL 223. Introduction to Colonial and Postcolonial Literature. 3 hours.
An introduction to the literature in English most directly representative of the historical processes of colonialism and decolonization that have shaped the modern world. Course Information: Previously listed ENGL 114. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

ENGL 229. Introduction to Asian Film. 3 hours.
A theoretical analysis of films by recognized masters of Asian cinema. Course Information: Same as GLAS 229 and MOVI 229. Taught in English. Films contain English subtitles. One film per week will be screened outside of class. Students may choose to attend the official screenings or watch the films on their own. Prerequisite(s): ENGL 161. *UIC GE World Cultures course*.

ENGL 230. Introduction to Film and Culture. 3 hours.
Analysis of representative works that reflect the relationship between cinema and its cultural context. Course Information: Same as MOVI 230. Previously listed as ENGL 120. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

ENGL 232. History of Film I: 1890 to World War II. 3 hours.
History of film from its beginnings in the 1890s up to World War II. Course Information: Same as AH 232 and MOVI 232. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. Recommended background: ENGL 131, 132, or 230. *UIC GE Creative Arts course*.

ENGL 233. History of Film II: World War II to the Present. 3 hours.
History of film from World War II to contemporary movements in world cinema. Course Information: Same as AH 233 and MOVI 233. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. Recommended background: ENGL 131 or ENGL 132. *UIC GE Creative Arts course*.

ENGL 234. History of Television. 3 hours.
A critical history of television. Course Information: Same as COMM 234 and MOVI 234. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

ENGL 236. Young Adult Fiction. 3 hours.
Survey of young adult fiction and literature, from a range of periods and traditions. Content varies. Course Information: Recommended background: ENGL 101. *UIC GE Creative Arts course*.

ENGL 237. Graphic Novels. 3 hours.
An introduction to the graphic novel; definition and variations in form and historical development related to the graphic novel. Course Information: Recommended Background: ENGL 101. *UIC GE Creative Arts course*.

ENGL 238. Speculative Fiction, Sci-Fi and Fantasy. 3 hours.
Survey of science fiction, utopian, and dystopian literature, from a range of periods and traditions. Content varies. Course Information: Recommended background: ENGL 101. *UIC GE Creative Arts course*.

ENGL 243. American Literature: Beginnings to 1900. 3 hours.
A survey of significant works of American literature, beginnings to 1900, their cultural, historical, and aesthetic dimensions, from a number of critical perspectives. Course Information: Recommended background: Completion of ENGL 161 and 3 hours from ENGL 101-125. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion.

ENGL 245. Introduction to Gender, Sexuality and Literature. 3 hours.
Introduction to literary texts in Western and other traditions that explore issues of gender and sexuality. Course Information: Same as GWS 245. Previously listed as ENGL 117. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE Individual and Society course*.

ENGL 247. Women and Literature. 3 hours.
Introduction to reading English, American, and global literature in English with a focus on gender, genre, and women's representation and authorship. Course Information: Same as GWS 247. Previously listed as ENGL 111. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE Individual and Society course*.

ENGL 251. Literature and Environment. 3 hours.
Explores environmental issues in various literary genres. Content varies. Course Information: Recommended Background: ENGL 101. *UIC GE Creative Arts course*.

ENGL 253. Environmental Rhetoric. 3 hours.
The study of movements, activism, and public persuasion on environmental issues. Course Information: Recommended background: ENGL 154. *UIC GE Individual and Society course, and UIC GE US Society course*.

ENGL 258. The Grammar and Style of Non-Standard Englishes in the U.S. 3 hours.
A sociolinguistic and formal syntactical approach to the study of African-American and Appalachian English, Spanglish, and American Creole grammars. Students practice writing in English varieties beyond and including “Standard” Written English. Course Information: Recommended background: Fulfillment of the university writing requirement and ENGL158. *UIC GE Individual and Society course, and UIC GE US Society course*.

ENGL 260. Comparative Black Literatures. 3 hours.
Selected works of literature and criticism in the context of the U.S. and the Black diaspora. Comparative study of race, culture, and politics in literature. Course Information: Same as BLST 250. Prerequisite(s): ENGL 161; or completion of the English composition requirement. *UIC GE Creative Arts course*.

ENGL 261. Reading Black Women Writing. 3 hours.
Examines inscriptions of race, gender, class, and sexuality as they shape the literary and critical practices of black women writers. Course Information: Same as BLST 261 and GWS 261. Prerequisite(s): Grade of C or better in a 100-level Black Studies or African American literature course; or consent of the instructor.

ENGL 262. Black Cultural Studies. 3 hours.
Study of approaches, methods, and key debates in the study of black culture in a transnational and diasporic context. Course Information: Same as BLST 262. Prerequisite(s): BLST 100. *UIC GE Creative Arts course, and UIC GE US Society course*.

ENGL 264. Introduction to Native American Literatures. 3 hours.
An introduction to the oral and written literatures of indigenous peoples of North America. Course Information: Same as NAST 264. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE US Society course*.

ENGL 265. The Harlem Renaissance. 3 hours.
The intellectual, cultural, and artistic expressions among African Americans from 1912 to 1933, with an emphasis on the literary texts and social history. Course Information: Same as BLST 265. Prerequisite(s): Grade of C or better in BLST 100; and Grade of C or better in BLST 110 or Grade of C or better in BLST 111; or consent of the instructor. *UIC GE Past course, and UIC GE US Society course*.

ENGL 266. Topics in African Literature. 3 hours.
Examination and analysis of selected works of African literature, history, and criticism. Topics will vary. Course Information: Same as BLST 266. May be repeated.

ENGL 267. Introduction to U.S. Latinx Literature. 3 hours.
Introductory survey of a wide range of U.S. Latinx literature in various genres and various ethnic, geographical and historical contexts. Course Information: Same as LALS 267. Previously listed as ENGL 125. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Creative Arts course*.

ENGL 269. Introduction to Multiethnic Literatures in the United States. 3 hours.
Introduction to the literature of diverse racial and ethnic groups in the United States, including questions of representation, class, and difference in relation to realities, attitudes, and beliefs concerning dominant US/American culture. Course Information: Previously listed as ENGL 113. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE US Society course*.

ENGL 270. The Sopranos Effect: Myth, Migration and the Italian-American Identity. 3 hours.
Immigrants’ identity formation and representation as seen through literature and visual media. Focus on Italian and Italian American transnational identities and narratives in their interactions with their socio-historical contexts. Course Information: Same as ITAL 270. Taught in English. Extensive computer use required. No knowledge of Italian required. This course is offered in both face-to-face (16 weeks) and online asynchronous format (8 weeks). Online courses involve heavy computer usage; computer and internet access are required. Check the class schedule for details on specific sections. Recommended background: Completion of the University Writing Requirement. *UIC GE Individual and Society course, and UIC GE US Society course*.

ENGL 277. Reel Mobsters: Mafia in Film and Television. 3 hours.
Explores Italian and American mafia films and TV, analyzing cultural impact, mythmaking, and cinematic portrayals of organized crime across genres, styles, and national perspectives. Course Information: Same as ITAL 277 and MOVI 277. Taught in English. *UIC GE Creative Arts course, and UIC GE US Society course*.

ENGL 280. Media and Professional Writing. 3 hours.
Media analysis and writing, including interviews, news, features, and public relations communications. Course Information: Previously listed as ENGL 202. Recommended background: ENGL 161.

ENGL 282. Peer Tutoring in the Writing Center: Introduction to Theory and Practice. 3 hours.
Through hands-on experience and assignments, students develop their ability to analyze writing, provide constructive feedback, facilitate writer-centered learning, adapt to diverse learning styles, and reflect critically on their tutoring practices. Course Information: Students meet once per week for class and schedule two hours per week to tutor. Prerequisite(s): ENGL 161; and sophomore standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Conference.

ENGL 290. Introduction to the Writing of Poetry. 3 hours.
Practice in writing poetry, beginning with exercises and analysis of published models and advancing toward student presentations of their original works of poetry in class. Workshop format. Course Information: Previously listed as ENGL 210. *UIC GE Creative Arts course*.

ENGL 291. Introduction to the Writing of Fiction. 3 hours.
Practice in the writing of fiction; emphasis on analysis of student work and published examples. Course Information: Previously listed as ENGL 212. Recommended background: ENGL 207 or ENGL 208 or ENGL 209. *UIC GE Creative Arts course*.

ENGL 292. Introduction to the Writing of Nonfiction Prose. 3 hours.
Introductory practice in writing personal essays, literary journalism, travel-writing, cultural criticism, or other forms of creative nonfiction prose. Content varies. Course Information: Previously listed as ENGL 201. Recommended background: ENGL 160 and ENGL 161. *UIC GE Creative Arts course*.

ENGL 295. Latino Literary Studies. 3 hours.
Major trends, genres, works, themes, and writers related to Latino history and culture, mainstream and minority U.S., Latin American and third world literatures. Course Information: Same as LALS 295 and SPAN 295. *UIC GE Creative Arts course, and UIC GE US Society course*.

ENGL 297. Studies in the Classical Tradition. 3 hours.
Examination of selected texts of ancient Greek and Roman literature, such as the novel, drama, and epic, and how they inform English and American literature and culture. Course Information: Same as CL 297. Prerequisite(s): CL 102; or consent of the instructor. *UIC GE Creative Arts course, and UIC GE Past course*.

ENGL 299. Introduction to Special Topics in English. 3 hours.
Introduction to special topics in English. Course Information: May be repeated for credit if topic is different for each registration. Approval to repeat course granted by the department.

ENGL 303. Studies in Poetry. 3 hours.
Survey of traditions and movements in various periods of English, American, and global Anglophone poetry. Course Information: Recommended background: ENGL 103, 207, 208, or 209.

ENGL 304. Studies in Drama. 3 hours.
Survey of an author, topic, or movement in drama. Course Information: Recommended background: ENGL 104, 207, 208, or 209.

ENGL 305. Studies in Fiction. 3 hours.
Survey of a topic or a movement in fiction. Course Information: Recommended background: ENGL 105 or ENGL 207 or ENGL 208 or ENGL 209.

ENGL 311. Medieval English Literature. 3 hours.
Survey of major works from the period 450-1500. Readings may include Beowulf, Chaucer, Langland, the Gawain-poet. Course Information: Recommended background: ENGL 207 and ENGL 208.

ENGL 312. Sixteenth and Seventeenth Century Literature. 3 hours.
Study of important works written in English between 1500 and 1700. Course Information: Recommended background: ENGL 207 and ENGL 208.

ENGL 313. Major Plays of Shakespeare. 3 hours.
Major comedies, histories, tragedies and romances; the development of Shakespeare's career in relation to his theater and his society. Course Information: Recommended background: Recommended background: ENGL 207 and ENGL 208. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

ENGL 314. Milton. 3 hours.
An introduction to Milton's life and works, this course focuses primarily on the major poetry (Paradise Lost, Paradise Regained, Samson Agonistes) and selected prose. Couse Information: Recommended background: ENGL 207 and ENGL 208.

ENGL 315. Eighteenth Century Literature. 3 hours.
Survey of representative texts in the major genres of Restoration and eighteenth-century literature. Course Information: Recommended background: ENGL 207 and ENGL 208.

ENGL 316. British Romantic Literature. 3 hours.
Surveys the work of important British Romantic writers such as Wordsworth, Coleridge, Byron, Austen, and Scott, with particular emphasis on analyzing a variety of typical genres. Course Information: Recommended background: ENGL 207 and ENGL 209.

ENGL 317. Victorian Literature. 3 hours.
Introduction to the literature of the Victorian period in England, with representative fiction, poetry, and non-fictional prose. Some attention to other aspects of Victorian culture (visual arts, architecture, music) as appropriate. Course Information: Recommended background: ENGL 207 and ENGL 209.

ENGL 319. 20th and 21st Century British Literature. 3 hours.
British Literature in the contemporary context. Course Information: Recommended background: ENGL 207 and ENGL 209.

ENGL 322. Colonial and Postcolonial Literature. 3 hours.
Studies a range of works produced in the context of nineteenth- and twentieth-century colonialism, as well as from the postcolonial period. Course Information: Previously listed as ENGL 358. Recommended background: ENGL 207, 208, 209, or 223.

ENGL 324. American Literature to the 20th Century. 3 hours.
Survey of representative works in American literature from the beginning to the 20th century. Course Information: Recommended background: ENGL 207 and ENGL 209.

ENGL 325. 20th and 21st Century American Literature. 3 hours.
Representative selections with emphasis on the poetry and fiction of the period. Course Information: Recommended background: ENGL 207 and ENGL 209.

ENGL 328. Asian American Literature. 3 hours.
Historical development of Asian American literature. It will identify specific cultural and political issues that have shaped the broad range and diverse ethnic interests of that writing. Course Information: Same as GLAS 328. Recommended background: ENGL 123, ENGL 240, or ENGL 243.

ENGL 329. Literatures in English Other than English and American. 3 hours.
Comparative study of literature in English from the colonial territories, the independent former colonies, and/or the Commonwealth nations. Course Information: Previously listed as ENGL 333. Recommended background: ENGL 101, 105, 135, 207, or 209.

ENGL 330. Cultural and Media Studies. 3 hours.
General introduction to Cultural Studies, with special attention to film and television and other new media. Course Information: Previously listed as ENGL 342. Recommended background: Any of ENGL 101, 135, 207-209, or 230.

ENGL 331. Studies in the Moving Image. 3 hours.
Study of a topic or movement in film and/or other media forms. Course Information: Same as MOVI 331. May be repeated to a maximum of 6 hours. Previously listed as ENGL 302. Recommended Background: ENGL 131.

ENGL 335. Studies in Literature and Popular Culture. 3 hours.
Study of what constitutes popular culture, how it identifies itself, how it works, and how it can be analyzed. Course Information: Previously listed as ENGL 341. Recommended background: ENGL 101, ENGL 105, ENGL 135, ENGL 207, or ENGL 209.

ENGL 340. Literary Theory. 3 hours.
An introduction to and survey of literary theory. Course Information: Previously listed as ENGL 370. Recommended background: ENGL 101, 207, 208, or 209.

ENGL 344. Gender Theory. 3 hours.
Survey of theories of gender in culture. Course Information: Same as GWS 344. Previously listed as ENGL 361. Recommended background: Any of ENGL 207-209, ENGL 245, or GWS 101-102.

ENGL 345. Queer Theory. 3 hours.
Survey of theoretical concerns and historical issues that inform and shape the field of queer studies. Course Information: Same as GWS 345. Previously listed as ENGL 362. Recommended background: Any of ENGL 207-209, ENGL 245, or GWS 203.

ENGL 346. History of Literary Criticism. 3 hours.
This course provides an overview of the foundations of literary criticism in English from the ancient Greeks to the present time. Course Information: Previously listed as ENGL 372. Recommended background: ENGL 207, 208, or 209.

ENGL 347. Gender and Sexuality in Literature. 3 hours.
A survey of works that take the status of gender and sexuality as one of their central thematic or aesthetic concerns. Course Information: Same as GWS 347. Previously listed as ENGL 363. Recommended background: Any of ENGL 207-209, ENGL 247, or GWS 101-102.

ENGL 350. Disability Studies. 3 hours.
This course surveys the representation of physical and cognitive disability in U.S. culture, 1622-present, in order to examine the ways in which impairment impacts definitions of American-ness. Course Information: Previously listed as ENGL 364. Recommended background: ENGL 207, 208, or 209.

ENGL 351. Topics in Black Art and Literature. 3 hours.
Study of literature and the other arts in the context of the African diaspora. Topics Vary. Course Information: Same as BLST 351. May be repeated to a maximum of 6 hours if topics vary. Prerequisite(s): Introductory course in Black Studies or English; or consent of the instructor.

ENGL 354. Rhetorical Studies. 3 hours.
Theoretical and practical studies of the social contexts, uses, and effects of various kinds of discourse and communication, whether oral, written, or electronic. Course Information: Previously listed as ENGL 374. Recommended background: ENGL 154, 207, 208, or 209.

ENGL 355. Rhetoric and Public Life. 3 hours.
The study of how language and other media intersect with material conditions to make political belief and political change. Course Information: Previously listed as ENGL 375. Recommended background: ENGL 101, 207, 208, or 209.

ENGL 356. Argument and Persuasion. 3 hours.
Analysis and application of historical and contemporary theories of argument and persuasion as they function to form or change opinions and beliefs. Course Information: Same as COMM 323. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): Prerequisite(s): COMM 101 and COMM 103; and Credit or concurrent registration in COMM 102; and Credit or concurrent registration in COMM 200. English majors or minors must seek approval from the Communication department.

ENGL 357. Philosophy of Rhetoric. 3 hours.
The philosophical basis of the rhetorical tradition—from ancient Greece to today. We ask how language and persuasion function in society, focusing on how rhetorical form, proof, audience, and context shape meaning, belief, and understandings of truth. Course Information: Same as PHIL 357. Extensive computer use required. Prerequisite(s): Credit in a 200-level course in Philosophy or English or consent of the instructor. Recommended background: Credit in PHIL 102 or ENGL 154.

ENGL 367. Latinx Literature. 3 hours.
Development of Latinx literature from different historical periods and diasporic communities. Analysis of political and social concerns relevant to Latinx literature and culture. Course Information: Same as LALS 367. Previously listed as ENGL 353. Recommended background: Any of LALS 101-102 or ENGL 207, 209, or 267.

ENGL 369. Multiethnic American Literature. 3 hours.
Representative selections from a number of ethnic and minority literatures. Course Information: Previously listed as ENGL 359. Recommended background: ENGL 207, 209, or 269.

ENGL 376. Literature and Religion. 3 hours.
Studies in the relation of literature to doctrines, imagery, practices, experiences, or history of one or more religious traditions. Course Information: Same as RELS 376. Previously listed as ENGL 343. Recommended background: Any of ENGL 101, 105, 175, or 207-209.

ENGL 378. Special Topics in English Studies. 3 hours.
Selected topics in English Studies. Course Information: May be repeated to a maximum of 9 hours of credit. Previously listed as ENGL 394. Recommended Background: Sophomore standing or above.

ENGL 379. Independent Study in English. 1-3 hours.
Independent study. Course Information: May be repeated to a maximum of 3 hours. This course counts toward the limited number of independent study hours accepted toward the degree and the major. Prerequisite(s): Consent of the instructor. The student must first consult with the instructor of the independent study, and the instructor and Director of Undergraduate Studies must approve the student's written prospectus specifying the topic, required work, and number of credit hours the student will receive for the course. Recommended background: Senior standing.

ENGL 380. Advanced Professional Writing. 3 hours.
Study of genres and forms across the professional spectrum, including but not limited to individual profiles, corporate publications, healthcare newsletters, grant writing. Course Information: Previously listed as ENGL 381. Extensive computer use required. Recommended background: ENGL 161 or ENGL 280; sophomore standing or above.

ENGL 382. Editing and Publishing. 3 hours.
Study of editorial oversight, copyediting technique, style requirements, use of grammar as a stylistic tool, publishing industry standards. Course Information: Recommended background: ENGL 158 or ENGL161 or ENGL 280; and sophomore standing or above.

ENGL 383. Writing Digital and New Media. 3 hours.
Rhetorical, practical and ethical aspects of digital writing; digital literacy, and the use of digital platforms in professional environments. Course Information: Extensive computer use required. Recommended background: ENGL 161 or ENGL 280; sophomore standing or above.

ENGL 384. Technical Writing. 3 hours.
Students will study the conventions and strategies common to the field of technical writing and its forms, including technical reports in science and engineering, technical memos, literature reviews, instructional and procedural materials. Course Information: Recommended background: ENGL 158 or ENGL 161.

ENGL 388. Writing for the Health Professions. 3 hours.
A writing course for pre-health and English students interested in health humanities to explore how structural racism, social inequities, and medical biases perpetuate health disparities, and the ways writing can advocate for health justice. Course Information: Extensive computer use required. Recommended background: ENGL 153 or ENGL 161; Sophomore standing or above.

ENGL 389. Writing for Community Advocacy and Activism. 3 hours.
Topics and genres related to non-profit work, community organizing, social advocacy and activism. Addresses how writing can advocate for social justice; writing across genres, from mission statements, ask letters, social media, grant proposals, etc. Course Information: Extensive computer use required. Recommended background: ENGL 153 or ENGL 161; and ENGL 280; Sophomore standing or above.

ENGL 404. Topics in Performance Studies. 3 or 4 hours.
In-depth study of a topic, movement, artist or author in the field of drama and performance studies, broadly defined. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 438. Recommended background: Any of ENGL 207-209, 304, 313, 330, or 340. Junior standing or above.

ENGL 406. Topics in Poetry and Poetic Theory. 3 or 4 hours.
Investigations into the nature of poetry. Discussions of issues such as technical, theoretical, formal and historical developments. Topics and readings vary. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 437. Recommended background: Any of ENGL 207-209. Six hours at the 300-level. Junior standing above.

ENGL 407. Topics in Fiction and Theories of Fiction. 3 or 4 hours.
Study of fiction related to a particular theory of fiction (Realism, Romance, Literary Naturalism, Narrative Theory, Fictional Poetics). Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 439. Recommended background: Any of ENGL 207-209 or 305. Junior standing or above.

ENGL 409. Topics in Literature and Culture. 3 or 4 hours.
Study of a specific topic relating literature to society, culture, history, race, gender, ethnicity. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 429. Recommended background: Six hours of English at the 300-level or above; and junior standing or above.

ENGL 410. Topics in Old English Literature. 3 or 4 hours.
Studies in the language and literature of pre-Conquest England. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 405. Recommended Background: ENGL 207 and ENGL 208.

ENGL 411. Topics in Medieval Literature. 3 or 4 hours.
Topics in English literature from the period 450-1500. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 408. Recommended background: ENGL 207, ENGL 208, or ENGL 311; junior standing or above.

ENGL 412. Topics in Renaissance Literature and Culture. 3 or 4 hours.
Study of a topic in English literature written between 1500 and 1700. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 416. Recommended background: Any of ENGL 207-209 or ENGL 312-315. Junior standing or above.

ENGL 413. Topics in Shakespeare. 3 or 4 hours.
Study of a genre, topic or period in Shakespeare's work. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: Any of ENGL 312-314. Junior standing or above.

ENGL 414. Topics in Restoration and Eighteenth-century Literature and Culture. 3 or 4 hours.
Focus on a particular topic or theme in British literature 1660-1780. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 417. Recommended background: Any of ENGL 207-209 or ENGL 315. Junior standing or above.

ENGL 415. Topics in Romantic Literature and Culture. 3 or 4 hours.
Concentrates on a particular aspect of British Romantic writing in order to provide a greater depth of study in the period. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 419. Recommended background: Any of ENGL 207-209 or ENGL 313-317. Junior standing or above.

ENGL 418. Topics in Victorian Literature. 3 or 4 hours.
Study of a major author, genre, or theme in the Victorian period. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 421. Recommended background: Any of ENGL 207-209 or ENGL 315-319. Junior standing or above.

ENGL 422. Topics in Postcolonial and World Literature in English. 3 or 4 hours.
Study of a major author, topic, movement, or genre within postcolonial and world literatures in English. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: Any of ENGL 207-209, 223, 322, or 329. Junior standing or above.

ENGL 423. Topics in American Literary Nonfiction Prose. 3 or 4 hours.
Study of a specific topic in the literary nonfiction of the United States, which may include its history, development and classification. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 462. Recommended background: ENGL 207 or ENGL 209. Junior standing or above.

ENGL 424. Topics in American Literature and Culture to the 20th Century. 3 or 4 hours.
Analyzes selected topics in American literature and culture to 1900. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 426. Recommended background: ENGL 207, ENGL 208, ENGL 209 or ENGL 324; junior standing or above.

ENGL 425. Topics in 20th and 21st Century American Literature and Culture. 3 or 4 hours.
Study of a specific topic relating American literature to society, culture, history, race, gender, ethnicity. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 427. Recommended background: ENGL 207, ENGL 208, ENGL 209 or ENGL 324, ENGL 325; junior standing or above.

ENGL 430. Topics in Cultural and Media Studies. 3 or 4 hours.
Study of a medium, genre, theme, period, influence, or problem in Culture and Cultural Theory. Topics Vary. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 440. Recommended background: ENGL 207, ENGL 208, or ENGL 209 or ENGL 330, ENGL 331; junior standing or above.

ENGL 434. Literature of the Americas. 3 or 4 hours.
Transnational or hemispheric approach to Latin American literature. Writers whose work moves back and forth between nations. Identities across borders, languages, and nations. Course Information: Same as LALS 434. 3 undergraduate hours. 4 graduate hours.

ENGL 435. Topics in Popular Culture and Literature. 3 or 4 hours.
Study of a specific topic relating literature to popular culture, such as sport, television, and best sellers. Critical analysis of the cultural mythology encasing these subjects. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 474. Recommended background: ENGL 207, ENGL 208, ENGL 209, ENGL 330, or ENGL 335; junior standing or above.

ENGL 441. Topics in Asian American Literature and Culture. 3 or 4 hours.
An advanced seminar that examines various forms of cultural production by Asian American artists of diverse ethnic backgrounds. Topics vary. Course Information: Same as GLAS 441. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: ENGL 327, ENGL 328, or ENGL 359; senior standing or above.

ENGL 443. Topics in Gender, Sexuality and Literature. 3 or 4 hours.
Specific study of topics in gender and literature. Content varies. Course Information: Same as GWS 443. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: Any of ENGL 207-209, 245, 247, 344, 345, or 347, or GWS 101-102. Junior standing or above.

ENGL 444. Topics in Theories of Gender and Sexuality. 3 or 4 hours.
Advanced study of topics related to theories of gender and sexuality. Course Information: Same as GWS 444. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: Any of ENGL 207-209, 245, 247, 344, 345, 347 or GWS 101-102. Junior standing or above.

ENGL 446. Topics in Criticism and Theory. 3 or 4 hours.
Focus on a particular critical or theoretical topic, movement, tradition or figure. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: Any of ENGL 207-209, 251, 340, or 346. Junior standing or above.

ENGL 449. Women and Film. 3 or 4 hours.
Roles and representations of women in classical Hollywood, European art and independent feminist cinemas. Course Information: Same as AH 449 and GWS 449. 3 undergraduate hours. 4 graduate hours. Previously listed as ENGL 472. Recommended background: Any of ENGL 330, 344, 345, or 347. Junior standing or above.

ENGL 450. Topics in Disability Studies. 3 or 4 hours.
This course will focus on topics structured around particular aspects of Disability Studies and its practical, cultural, and theoretical implications. Course Information: Same as DHD 450. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 445. Recommended background: Any of ENGL 207-209, 245, 344, 345, 347, or 350. Junior standing or above.

ENGL 451. English as Public Practice. 3 or 4 hours.
Advanced writing seminar on public-facing research in English studies; writing for academic and non-academic audiences. Students are expected to produce long-form essays and/or portfolio of written work. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above. Recommended background: ENGL 207, 208, 209, or any 300-level ENGL course.

ENGL 452. The UIC Freshwater Lab Course. 3 or 4 hours.
Brings a Humanities lens to the Great Lakes watershed to examine how water interacts with socio-political systems, legal structures, cultural perceptions, and artistic visions. Course Information: Same as PA 452 and UPP 452. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ENGL 160 and ENGL 161.

ENGL 453. Freshwater Lab in Practice: Environmental Research, Projects, and Internships. 3 or 4 hours.
Investigates key issues surrounding Great Lakes water governance through a combination of hands-on research and professional development in fields related to environmental policy, planning, writing and communication. Course Information: Same as PA 453 and UPP 453. 3 undergraduate hours; 4 graduate hours. This course offers an internship placement opportunity. Depending on placement/start date, students may begin internship work during the second half of the semester or during the summer. Prerequisite(s): ENGL 160 and ENGL 161.

ENGL 454. Rhetoric. 3 or 4 hours.
Intensive study of central topics in rhetorical theory in their historical depth. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as ENGL 402. Recommended background: Any of ENGL 330, 340, 344, 345, 354, or 355. Junior standing or above.

ENGL 455. Topics in Rhetorical Studies. 3 or 4 hours.
Study of theoretical intersections between Rhetoric and Cultural Studies to describe and explain the ways in which discourse constructs identity, knowledge, and values. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 448. Recommended background: Any of ENGL 207-209, 330, 354, or 355. Junior standing or above.

ENGL 456. Topics in Language and Rhetoric. 3 or 4 hours.
Study of a particular topic or movement in language or rhetoric. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 483. Recommended background: ENGL 354 or ENGL 355. Junior standing or above.

ENGL 457. Topics in the English Language & Linguistics. 3 or 4 hours.
Study of a topic such as language diversity and literacy, theories of grammar, literacy in society, ethnicity and language. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as ENGL 485. Recommended background: ENGL 354 or ENGL 355. Junior standing or above.

ENGL 458. History of the English Language. 3 or 4 hours.
Development of English from its Proto-Indo-European origin to the present; detailed examination of the external and internal history of Old, Middle, and Modern English. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as ENGL 400. Recommended background: ENGL 158 or ENGL 258. Junior standing or above.

ENGL 463. Discourse and Rhetoric. 3 or 4 hours.
Exploration of interconnections between language and social practices with attention to multiple components of discursive situations: senders, receivers, context, code, media, and content. Course Information: Same as COMM 423. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): COMM 301. English majors or minors must seek approval from the Communication department.

ENGL 466. Topics in Multiethnic Literatures in the United States. 3 or 4 hours.
Topics in the literatures of American racial and ethnic groups. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 470. Recommended background: ENGL 207, ENGL 208, ENGL 209, ENGL 269, ENGL 367, or ENGL 369; junior standing or above.

ENGL 467. Topics in Latinx Literature. 3 or 4 hours.
Study of a specific topic in Latinx literature and literary studies, which may examine a single or select group of authors, a particular genre, or a particular regional or aesthetic focus. Topics vary. Course Information: Same as LALS 467. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 442. Recommended background: ENGL 207, ENGL 208, ENGL 209, ENGL 327 or LALS 101, LALS 102; junior standing or above.

ENGL 469. Women's Literary Traditions. 3 or 4 hours.
An exploration of issues such as the female aesthetic; women's popular literature; factors that enable creativity; differences of race and class. Course Information: Same as GWS 469. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ENGL 361 or ENGL 362 or ENGL 363; and senior standing or above; or consent of instructor.

ENGL 473. Topics in Black Literature. 3 or 4 hours.
The study and analysis of selected works of Black literature and culture for students with significant background in the field. Topics vary by semester. Course Information: Same as BLST 490. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): BLST 100; or consent of the instructor.

ENGL 475. The Bible as Literature: Hebrew Bible. 3 or 4 hours.
Literary analysis of genres and themes of the Hebrew Bible and close reading of the biblical texts. Sources of the Bible and their historical context. Course Information: Same as JST 475 and RELS 475. 3 undergraduate hours. 4 graduate hours. Previously listed as ENGL 478. Taught in English. Recommended background: Any of ENGL 175 or ENGL 207-209.

ENGL 476. The Bible as Literature: New Testament. 3 or 4 hours.
Literary analysis of the New Testament and its historical and religious contexts, focusing on the gospels and Pauline letters. Course Information: Same as RELS 476. 3 undergraduate hours. 4 graduate hours. Previously listed as ENGL 479. Recommended background: Any of ENGL 175, 207-209, 475.

ENGL 480. Introduction to the Teaching of English in Middle and Secondary Schools. 3 or 4 hours.
Intended as a general initiation to the field of secondary English teaching, the course focuses on many of the crucial issues facing teachers in contemporary language arts classrooms. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as ENGL 459. Field work required. Prerequisite(s): Completion of the University Writing requirement; and sophomore standing or above.

ENGL 482. Campus Writing Consultants. 4 hours.
Tutoring in the Writing Center. Students are required to consult with others on their writing. Emphasis on practice and theories of writing. Appropriate for prospective teachers. Course Information: Prerequisite(s): Senior standing or 9 hours of English and consent of the instructor. Students must obtain override from the Writing Center. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Practice.

ENGL 484. Topics in the Teaching of English. 1-4 hours.
Study of a topic in literature, composition, and/or pedagogy. The content varies with each offering. Course Information: May be repeated to a maximum of 8 hours. Students may register in more than one section per term. Previously listed as ENGL 494. Prerequisite(s): Consent of the instructor.

ENGL 486. The Teaching of Writing in Middle and Secondary Schools. 3 or 4 hours.
Rhetoric and composition pedagogy. Study of a topic. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. 12 hours field work required for licensure. Prerequisite(s): ENGL 480; and completion of the English composition requirement; or consent of the instructor.

ENGL 487. The Teaching of Reading and Literature in Middle and Secondary Schools. 3 or 4 hours.
Intended as a part of the English education methods sequence, with particular emphasis on helping prospective teachers assist struggling readers in the study of literature. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as ENGL 489. Field work required. Prerequisite(s): ENGL 480 and completion of the University Writing requirement; or consent of the instructor.

ENGL 488. Methods of Teaching English in Middle and Secondary Schools. 3 or 4 hours.
Theory and practice; emphasis on current approaches to language and literature in multicultural settings. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as ENGL 481. All students in the teacher education program must take this course in the term preceding their student teaching. Prerequisite(s): Senior standing or 9 hours of English or consent of the instructor.

ENGL 490. Advanced Writing of Poetry. 3 or 4 hours.
Advanced work on poetic techniques and practices; emphasis on analysis of student work, using published examples; particular attention to individual student development. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) by undergraduates. Prerequisite(s): ENGL 290. Registration restrictions: Graduate students must obtain approval of the Department of English.

ENGL 491. Advanced Writing of Fiction. 3 or 4 hours.
Advanced practice; emphasis on analysis of student work and published examples. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) by undergraduates. Prerequisite(s): ENGL 291. Registration restrictions: Graduate students must obtain approval of the Department of English.

ENGL 492. Advanced Writing of Nonfiction Prose. 3 or 4 hours.
Advanced practice in writing personal essays, literary journalism, travel-writing, cultural criticism, or other forms of creative nonfiction prose. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) by undergraduates. Prerequisite(s): ENGL 292. Registration restrictions: Graduate students must obtain approval of the Department of English.

ENGL 493. Internship in Nonfiction Writing. 0-6 hours.
Approved internship where students learn professional writing and organizational communication with an emphasis on initiative, planning, and meeting deadlines. Both the instructor and a supervisor mentor students during the course. Course Information: May be repeated to a maximum of 6 hours. A maximum of 6 hours may be applied toward either the undergraduate major in English or a graduate degree in English. Credit is not given for ENGL 493 if the student has credit in ENGL 593. English majors, English minors, and Professional Writing minors must register for 3-6 credit hours. Prerequisite(s): Grade of C or better in ENGL 280; and consent of the instructor. Recommended background: Junior or senior standing. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

ENGL 495. Playwriting. 3 hours.
The development of scripts for stage performance. Course Information: Same as THTR 431. Prerequisite(s): Consent of the instructor. Recommended background: For BA Theatre majors: THTR 101, 201, and 230.

ENGL 496. Portfolio Practicum. 3 hours.
Students will reflect upon, organize and present a working portfolio of professional, academic, and/or creative writing samples. Course Information: Prerequisite(s): Consent of the instructor. Recommended background: Junior or senior standing; Students should have a body of written work produced during their coursework. This will serve as the preliminary content for their writing portfolios.

ENGL 497. Senior Thesis. 3 hours.
Supervised research and writing of a senior thesis on a topic agreed upon by student and faculty sponsor. Students who complete this course and fulfill all of the other honors prerequisites will be awarded highest distinction in the major. Previously listed as ENGL 398. Prerequisite(s): Faculty sponsor and the approval of the department. Recommended background: Completion or simultaneous enrollment in a 400-level seminar.

ENGL 498. Educational Practice with Seminar I. 6 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

ENGL 499. Educational Practice with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, credit or concurrent registration in ENGL 498, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

English Language and Support for Internationals (ELSI)

Courses

ELSI 010. Reading/Writing. 10 hours.
Develops reading, writing, vocabulary, and grammar skills as well as cultural awareness and preparation for the U.S. academic environment through activities appropriate to the student's level. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Previously listed as CC 060. Taught in English. Corequisite(s): One of the following as assigned through placement testing: ELSI 021, ELSI 022, ELSI 023, ELSI 024, ELSI 025.

ELSI 011. Reading/Writing 1, Intensive English for High-Beginning Non-Native Speakers. 10 hours.
Development of reading, writing, vocabulary, and grammar skills in English as well as cultural awareness and preparation for the U.S. academic environment. For students at a high beginning language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit. Prerequisite(s): Appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at an A1+ CEFR level.

ELSI 012. Reading/Writing 2, Intensive English for Low Intermediate Non-Native Speakers. 10 hours.
Development of reading, writing, vocabulary, and grammar skills in English and cultural awareness and prepare for the U.S. academic environment. For students at a low intermediate language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): ELSI 011 or appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at an A2+ CEFR level.

ELSI 013. Reading/Writing 3, Intensive English for Mid-Intermediate Non-Native Speakers. 10 hours.
Development of reading, writing, vocabulary, and grammar skills in English and cultural awareness and prepare for the U.S. academic environment. For students at a mid- intermediate language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): ELSI 012; or approval of the department or appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1-CEFR level.

ELSI 014. Reading/Writing 4, Intensive English for High Intermediate Non-Native Speakers. 10 hours.
Development of reading, writing, vocabulary, and grammar skills in English and cultural awareness and prepare for the U.S. academic environment. For students at a high intermediate language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): ELSI 013 ; or appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1 CEFR level.

ELSI 015. Advanced Academic Skills, Intensive English for Advanced Non-Native Speakers. 10 hours.
Development of academic, professional, and linguistic skills in English and cultural awareness and preparation for the U.S. academic environment. For students at an advanced language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): ELSI 014 ; or appropriate score on the department placement test. Recommended Background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 020. Listening/Speaking. 10 hours.
Develops listening, speaking, vocabulary, and grammar skills as well as cultural awareness and preparation for the U.S. academic environment through activities appropriate to the student's level. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Previously listed as CC 050. Taught in English. Corequisite(s): One of the following as assigned through placement testing: ELSI 011, ELSI 012, ELSI 013, ELSI 014, ELSI 015.

ELSI 021. Listening/Speaking 1, Intensive English for High-Beginning Non-Native Speakers. 10 hours.
Development of listening, speaking, pronunciation, vocabulary, and grammar skills in English as well as cultural awareness and preparation for the U.S. academic environment. For students at a high beginning language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): Appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at an A1+ CEFR level.

ELSI 022. Listening/Speaking 2, Intensive English for Low Intermediate Non-Native Speakers. 10 hours.
Development of listening, speaking, pronunciation, vocabulary, and grammar skills in English as well as cultural awareness and preparation for the U.S. academic environment. For students at a low intermediate language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): Credit or concurrent registration in ELSI 021; or appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at an A2+ CEFR level.

ELSI 023. Listening/Speaking 3, Intensive English for Mid-Intermediate Non-Native Speakers. 10 hours.
Development of listening, speaking, pronunciation, vocabulary, and grammar skills in English as well as cultural awareness and preparation for the U.S. academic environment. For students at a mid-intermediate language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): Credit or concurrent registration in ELSI 022; or appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1- CEFR level.

ELSI 024. Listening/Speaking 4, Intensive English for High Intermediate Non-Native Speakers. 10 hours.
Development of listening, speaking, pronunciation, vocabulary, and grammar skills in English as well as cultural awareness and preparation for the U.S. academic environment. For students at a high intermediate language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): Credit or concurrent registration in ELSI 023; or appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1 CEFR level.

ELSI 025. Advanced Language Applications, Intensive English for Advanced Non-Native Speakers. 10 hours.
Development of academic, professional, and linguistic skills in English skills in English and cultural awareness and preparation for the U.S. academic environment. For students at an advanced language proficiency level. Course Information: Satisfactory/Unsatisfactory grading only. Taught in English. Open only to non-native speakers of English. No graduation credit given. Prerequisite(s): ELSI 024 ; or appropriate score on the department placement test. Recommended Background: Students in this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 031. Exploring Liberal Arts and Sciences. 0-6 hours.
Provides international students with an introduction to various fields within Liberal Arts and Sciences. The purpose of this course is to build a connection between the students, their field of study, and the respective department at UIC. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register for more than one section per term. No graduation credit. Open only to non-native speakers of English.

ELSI 032. Exploring Business Administration. 0-6 hours.
Provides international students with an introduction to fields within Business Administration. Builds a connection between the students, their field of study, and the respective department at UIC. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. No graduation credit. Open only to non-native speakers of English.

ELSI 033. Exploring Engineering. 0-6 hours.
Provides international students with an introduction to fields within engineering. The purpose of this course is to build a connection between the students, their field of study, and the respective department at UIC. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. No graduation credit. Open only to non-native speakers of English.

ELSI 034. Exploring Architecture, Design, and the Arts. 0-6 hours.
Provides international students with an introduction to fields within Architecture, Design, and the Arts. The purpose of this course is to build a connection between the students, their field of study, and the respective department at UIC. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. No graduation credit. Open only to non-native speakers of English.

ELSI 041. English for Academic Purposes I. 10 hours.
Introduces students to the knowledge and skills necessary to comprehend written and spoken academic English with a high degree of accuracy, and to speak and write accurately and fluently in various academic contexts. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as ASP 031. Features active and peer-learning activities to give students opportunities to practice and improve their existing skills in these areas. In addition, introduces students to a variety of relevant technologies, texts and contexts across disciplines with an express purpose of supporting them in becoming successful English-language users in their professional and personal lives. No graduation credit given. Prerequisite(s): ELSI 014 and 024 (formerly CC 050 and 060) or a 5.0 total on the International English Language Testing System (IELTS) test or equivalent score on other approved test. Recommended Background: Students in this course are expected to have the syntactic, phonological. semantic, and rhetorical English language skills needed to function at a B1+/B2- CEFR Level.

ELSI 043. English for Academic Purposes II. 3 hours.
In English for Academic Purposes II (EAP II) students will continue to hone their academic English language skills, particularly reading and writing, as they prepare for further university study. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as ASP 032. Introduces students to necessary skills to effectively, accurately and fluently read and write in English with particular focus on academic purposes and contexts. Features active- and peer-learning activities so students may practice and improve existing skills in these areas. Also introduces students to variety of relevant technologies, texts and contexts across disciplines with an express purpose of supporting students in becoming successful English-language users in their professional and personal lives. No graduation credit given. Prerequisite(s): ELSI 041 (formerly ASP 031) or a 5.5 total on the International English Language Testing System (IELTS) test or equivalent score on other approved test. Recommended Background: Students in this course are expected to have the syntactic, phonological. semantic, and rhetorical English language skills needed to function at a B2 CEFR Level.

ELSI 044. English for Academic Purposes II Lab. 1 hour.
EAP II Lab is designed to provide reading and writing support to students taking ELSI 043. Students will make critical reading and writing connections, shape and communicate meaning, and to meet the demands of academic writing conventions. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit given. Recommended Background: Students in this course are expected to have the syntactic, phonological. semantic, and rhetorical English language skills needed to function at a B2 CEFR Level. Corequisite(s): Requires concurrent registration in ELSI 043.

ELSI 045. Reading for Academic Purposes. 3 hours.
Reading for Academic Purposes is a companion course for ELSI 043 English for Academic Purposes II that provides students with strategies and additional practice for improving various academic reading skills to aid comprehension and fluency. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit given. Recommended Background: Students in this course are expected to have the syntactic, phonological. semantic, and rhetorical English language skills needed to function at a B2 CEFR Level. Corequisite(s): Requires concurrent registration in ELSI 043.

ELSI 047. Live, Learn, Grow: Foundation. 1 hour.
This foundation semester provides students with essential information and exposure to key services at a university. It also helps to familiarize students with their physical and cultural surroundings. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as ASP 033. No graduation credit given. Prerequisite(s): For UIC Global International Accelerator Program (IAP) students entering at the Extended Accelerator Program level.

ELSI 048. Live, Learn, Grow: Bridge. 1 hour.
Bridge semester of Live Learn Grow series focuses on exploring and developing personal qualities that foster student success in various interpersonal dynamics, analyzing career and life prospects, and further surveying campus and community services. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as ASP 034. No graduation credit given. Prerequisite(s): For UIC Global International Accelerator Program (IAP) students entering at the Academic Accelerator Program level and all students who completed ELSI 047 in the previous semester.

ELSI 049. Live, Learn, Grow: Learning Track. 1 hour.
In this third Learning Track term of the freshman orientation series, the focus will be on the continuation of the development of students' future outlook by guiding their examination of education, career, and networking opportunities. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as ASP 035. No graduation credit given. Prerequisite(s): For UIC Global International Accelerator Program (IAP) students entering at the Academic Accelerator Program level and all students who completed ELSI 048 in the previous semester.

ELSI 061. Introduction to Applied Linguistics. 1-6 hours.
Introduction to linguistic concepts including the nature of language, non-native language acquisition, intercultural communication, and the structure of English with a focus on how concepts apply to language teaching. Course Information: May be repeated. No graduation credit. Extensive computer use required. Meets eight weeks of the semester. Taught online.

ELSI 062. Language Teaching Methodologies. 1-6 hours.
Focuses on effective language instruction and assessment. Provides best practices for teaching languages including TESOL. Course Information: May be repeated. No graduation credit. Extensive computer use required. Meets eight weeks of the semester. Taught online.

ELSI 069. Practicum in Language Teaching. 1-6 hours.
Focuses on the experience of teaching a language with guidance from an experienced instructor. Course Information: May be repeated. Students may register in term A and term B. No graduation credit. Extensive computer use required. Field work required. Meets eight weeks of the semester. Taught online.

ELSI 070. Pronunciation. 1-6 hours.
Teaches pronunciation and speech modification techniques such as sounds, stress, rhythm, intonation, and pitch to intermediate and advanced non-native speakers of English. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 071. Test Preparation. 1-6 hours.
Prepares students for a specific standardized test. Test varies by course section. Students gain experience and confidence with the specific test, awareness of its specific characteristics, and learn specific techniques and skills needed for success. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 073. Test Preparation: Reading and Listening. 1-6 hours.
Teaches test-taking strategies for the Reading and Listening sections of the standardized test of focus. Students receive feedback, working at their own pace reviewing presentations, studying vocabulary, and completing practice exercises and tests. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Taught on-line. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 074. Test Preparation: Writing. 1-6 hours.
Teaches test-taking strategies for the writing section of standardized tests. Students work at their own pace reviewing presentations, studying grammar, and completing practice tasks and tests, and receive feedback from instructors. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Taught online. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 075. Test Preparation: Speaking. 1-6 hours.
Teaches test-taking strategies for the speaking section of standardized tests. Students work at their own pace reviewing presentations, listening to sample responses, and completing practice tasks and tests, and receive feedback from instructors. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Taught online. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 076. Grammar for Clear Writing. 1-6 hours.
Focuses on producing clear, error-free paragraphs. Guides participants through a review of key grammar structures, writing sample analysis, and development of effective self-editing techniques. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Taught online. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 077. Developing Effective Writing. 1-6 hours.
Focuses on concise, clear academic or professional writing. Teaches techniques for implementing the writing process from crafting paragraphs to writing strong longer texts. Includes instruction on cohesiveness and clarity in writing. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Taught online. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 081. Conversation Skills. 1-6 hours.
Designed to help non-native English speakers improve their speaking and listening skills in social, academic, and professional settings. Participants learn strategies for effective communication and techniques for improving pronunciation. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 024; or appropriate score on the department placement test; or approval of the department. Recommended Background: Students entering this course are expected to have syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 082. Discussion Skills. 1-6 hours.
Aims to develop social and academic discussion skills. Participants learn strategies to present, support and defend viewpoints as well as techniques to engage in discussions and answer discussion questions. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 024; or appropriate score on the department placement test; or approval of the department. Recommended Background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 083. Presentation Skills: Developing Effective Methods for Presentations. 1-6 hours.
Provides students knowledge and skills needed to respond effectively and professionally in planned and spontaneous public speaking situations. Students also increase their ability to follow advanced academic lectures and professional speeches. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit given. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 024; or appropriate score on the department placement test; or approval of the department. Recommended Background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 084. Delivering Effective Presentations in Your Profession. 1-6 hours.
Enables students to deliver lengthy, formal presentations and conduct formal interviews. Organizational patterns, types of development, methods of audience interaction, and appropriate use of visual aids are addressed and practiced. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 024; or appropriate score on the department placement test; or approval of the department. Recommended Background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 085. Advanced Professional Skills. 0-6 hours.
Provides resources, support, and individualized instruction to assist professionals in advancing their English language skills. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 014; or appropriate score on the department placement test; or approval of the department. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 086. Effective Written Communication. 1-6 hours.
Introduction to principles of effective written communication and critical reading. Learners will build critical reasoning skills and proficiency and confidence as a writer of English. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 014; or appropriate score on the department placement test; or approval of the department. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 087. Approaches to Evidence-Based Writing. 1-6 hours.
Develop and sharpen academic and professional reading and writing skills and strategies in English. Emphasis on research-based writing, including summary-response essays, an annotated bibliography, and a synthesized overview of selected articles. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 014; or appropriate score on the department placement test; or approval of the department. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 088. Critical Reading: Preparation for Written and Oral Communication. 1-6 hours.
Centers on developing the critical reading skills needed to both academically and professionally succeed. Through engaging with a variety of sources, students will apply the target skills both orally and in writing. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 014; or appropriate score on the department placement test; or approval of the department. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 089. Using Evidence-Based Writing in Your Profession. 1-6 hours.
Aims to apply critical reading skills to generate researched-based writing. Participants critically analyze field-specific writing and conduct research within academic and professional contexts to produce foundational research pieces. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 014; or appropriate score on the department placement test; or approval of the department. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 090. Chicago, Communication, and Culture. 1-6 hours.
Participants explore Chicago and improve their English. Students receive classroom language instruction, then leave the campus for instructor-guided language practice in the city. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 091. English for Specific Fields. 1-20 hours.
Designed to develop the English language skills, vocabulary, and communicative functions of students in specific fields, enabling them to participate in activities in an American academic or professional context. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

ELSI 092. English for Specific Fields II. 1-20 hours.
Designed to expand students' facility with English terminology in their field and improve performance with tasks related to their academic and professional careers. Activities relate to a specific field of study. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. No graduation credit. Open only to non-native speakers of English. Non-native English speakers interested in this course should contact the Tutorium in Intensive English at tutorium@uic.edu. Prerequisite(s): ELSI 091. Recommended background: Students entering this course are expected to have the syntactic, phonological, semantic, and rhetorical English language skills needed to function at a B1+ CEFR level.

Entrepreneurship (ENTR)

Courses

ENTR 200. Survey of Entrepreneurship. 3 hours.
Introduces the discipline of entrepreneurship, which examines when, how and by what means individuals choose entrepreneurship over paid employment; examines the relationship between individual entrepreneurs and society over time. Course Information: Previously listed as ENTR 300. Prerequisite(s): ENGL 161. *UIC GE Individual and Society course, and UIC GE US Society course*.

ENTR 310. Introduction to Entrepreneurship. 3 hours.
Introduction to the concepts of entrepreneurship, opportunity recognition, characteristics of entrepreneurs, creativity, the role of the entrepreneur in the economy and society, and entrepreneurship in non-entrepreneurial settings. Course Information: Prerequisite(s): ENGL 160 or ENTR 200.

ENTR 320. Entrepreneurship Internship Program. 1 or 3 hour.
Cooperative education provides students an opportunity to gain access to mentors and practical work experience in entrepreneurial settings. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximamum of 6 hours. Prerequisite(s): ENTR 310.

ENTR 360. Data Analytics for Management. 3 hours.
Examines types and sources of information used by managers and investors to make strategic decisions; provides working knowledge of tools used to effectively manage, analyze and report strategic information. Course Information: Same as MGMT 360. Extensive computer use required. Prerequisite(s): IDS 270 and MGMT 340; or consent of the instructor.

ENTR 420. Social Entrepreneurship. 3 hours.
Focuses on using entrepreneurial skills to craft innovative responses to social problems. Social entrepreneurship applies to both profit and non-profit firms that have programs designed to create social value. Course Information: Prerequisite(s): ENTR 310.

ENTR 430. Family Business Management. 3 hours.
Competitive strengths/weaknesses of a family business, dynamics of family interactions within the overlapping family, management and ownership systems. Course Information: Prerequisite(s): ENTR 310.

ENTR 435. International Entrepreneurship. 3 hours.
Provides students with knowledge useful for creating an international new venture by focusing on the identification and evaluation of international business opportunities, as well as building and managing an international organization. Course Information: Prerequisite(s): ENTR 310.

ENTR 444. Entrepreneurial Finance. 3 hours.
Develops the skills necessary to analyze the unique financial issues facing entrepreneurs, such as valuation of new ventures, financial tools useful in venture capital markets, deal structuring, governance, and harvesting. Course Information: Previously listed as FIN 444. Prerequisite(s): ENTR 310.

ENTR 445. New Venture Planning. 3 hours.
Focuses on strategic analysis and strategic planning for new ventures and provides students with the skills necessary to develop entry strategies for new ventures in uncertain environments. Course Information: Prerequisite(s): ENTR 310.

ENTR 450. Entrepreneurship for Scientists and Engineers. 3 or 4 hours.
Gives non-business students an appreciation for the rewards and challenges of entrepreneurship, especially as it relates to commercializing emerging technologies. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for students enrolled in a Business Administration degree program.

ENTR 454. Entrepreneurship New Venture Formation. 3 hours.
Focuses on analyzing the value propositions of a new business venture, and garnering and employing resources in pursuit of that new venture. Course Information: Prerequisite(s): ENTR 310.

ENTR 464. Entrepreneurial Consulting. 3 hours.
Student teams diagnose and recommend solutions to problems and opportunities facing Chicago area entrepreneurs and smaller enterprises. Application of previous coursework. Course Information: Prerequisite(s): ENTR 310.

ENTR 494. Special Topics in Entrepreneurship. 1-3 hours.
Exploration of areas not covered in existing course offerings or study of selected topics in greater depth. Subject will vary from semester to semester. Course Information: May be repeated to a maximum of 6 hours. May be repeated if topics vary. Prerequisite(s): ENTR 310.

ENTR 499. Research Experience. 1-3 hours.
Research experience under the supervision of a faculty member. The faculty member and student will determine the research project. Each student must submit a written report and each student must participate at a research event on campus. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Approval of the department head and the instructor required.

Finance (FIN)

Courses

FIN 101. Careers in Finance. 1 hour.
Introduction to careers in finance, internship pathways, and professional preparation. Students explore finance career tracks, recruiting timelines, and develop an individualized career plan through applied assignments and alumni engagement.

FIN 210. U.S. Financial Markets. 3 hours.
Students will study how U.S. financial institutions, government policies, and market participants interact. Using lectures, media, and simulations, they will analyze how markets shape opportunities, wealth, and societal trends. Course Information: Prerequisite(s): MATH 110. This is a 200-level course, so it does not count toward Finance major or minor elective credit. *UIC GE US Society course*.

FIN 250. Personal Finance. 3 hours.
Examines the interaction between individual and society in the framework of financial decision-making and in the context of the U.S. financial markets. Analyzes the impact of financial choices on the lives of individuals, families, and communities. Course Information: Extensive computer use required. Prerequisite(s): MATH 110. Recommended background: Any 100-level MATH, ACTG, or FIN course. *UIC GE Individual and Society course*.

FIN 294. Special Topics in Finance. 1-3 hours.
Multidisciplinary finance topics at sophomore or junior level that vary from term to term, depending on current student and instructor interests. Course Information: May be repeated for a maximum of 6 hours. May be repeated if topics varies. Students may register for more than one section per term.

FIN 300. Introduction to Finance. 3 hours.
Description of financial markets. Time value of money. Risk and return. Market valuation of securities. Capital budgeting, capital structure and dividend policy of firms. Course Information: Credit is not given for FIN 300 if the student has credit in FIN 301 or FIN 302. Recommended background: ACTG 210 and ECON 120.

FIN 301. Introduction to Managerial Finance. 3 hours.
Introduces students to managerial finance: the valuation of future cash flows, capital budgeting, capital structure, and banking. Current events and policy issues are discussed. Couse Information: Credit is not given for FIN 301 if the student has credit in FIN 300.

FIN 302. Introduction to Investments. 3 hours.
Introduces students to investments: risk/return, models of risk, efficient markets, derivative securities, fixed income securities, international aspects. Current events and policy issues are discussed. Couse Information: Credit is not given for FIN 302 if the student has credit in FIN 300.

FIN 310. Investments. 3 hours.
Organization of security markets. Legal and institutional environment, mechanics of trade, financial intermediation, security classification. General principles of asset valuation with application to specific securities. Course Information: Prerequisite(s): FIN 300; or FIN 301 and FIN 302.

FIN 320. Managerial Finance. 3 hours.
Short-term asset management, capital budgeting under certainty and uncertainty, capital structure and dividend policy, valuation and risk, capital asset prices, financial policy for firms. Course Information: Prerequisite(s): FIN 300; or FIN 301 and FIN 302.

FIN 330. Quantitative Methods. 3 hours.
Introduces students to the quantitative methods needed for advanced finance coursework: point/interval estimation, hypothesis testing, regression, cross-section analysis, time series analysis, portfolio modeling, advanced topics. Course Information: Prerequisite(s): IDS 270. Recommended background: Fin 300; or Fin 301 & Fin 302.

FIN 340. International Financial Markets. 3 hours.
Evaluation of exchange rate regiments and international financial institutions; develop critical understanding of the asset approach to exchange rates and international financial markets. Course Information: Prerequisite(s): FIN 300; or FIN 301 and FIN 302.

FIN 396. Independent Study. 1-3 hours.
Independent study, under the direction of a faculty member, must be arranged before the start of the semester. Course Information: May be repeated. Prerequisite(s): FIN 310 and FIN 320; and consent of the instructor and the Department Head.

FIN 411. Retirement and Estate Planning. 3 hours.
Provides tools for a financial planner to advise clients on issues of education, retirement, and estate planning, accounting for numerous tax implications. Course Information: Prerequisite(s): FIN 250.

FIN 412. Portfolio Management. 3 hours.
Development of portfolio theory; establishment of portfolio objectives for individuals, corporations, banks, pension and mutual funds; evaluation of portfolio performance. Course Information: Prerequisite(s): FIN 310.

FIN 414. Financial Plan Development. 3 or 4 hours.
Multifaceted task of financial plans, wealth accumulation, includes employee benefit programs, insurance policies, investments, estate planning, federal income tax, annuities, banking, borrowing. Students develop financial plans, orally and written. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): FIN 250 and FIN 300; or consent of the instructor.

FIN 415. Fixed Income Securities. 3 hours.
Valuation of fixed income securities, term structure estimation and arbitrage trading with practical application using real data. Course Information: Prerequisite(s): FIN 310.

FIN 416. Options and Futures Markets. 3 hours.
History and institutional structure of options and futures markets. Uses of futures and options for arbitrage, speculation and hedging by managers of domestic and multinational organizations. Analysis of factors which determine futures and options prices. Course Information: Prerequisite(s): FIN 310.

FIN 418. Commodities, Energy, and Related Markets. 3 or 4 hours.
Covers markets; physicality; laws and regulations; market participants; fundamentals (ags, metals, petroleum, electricity, emissions, and shipping); spreads; options; and, risk management. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): FIN 310; and FIN 330 or IDS 270 (undergraduate students); FIN 510 (graduate students). Recommended background: IDS 371 (undergraduate students); IDS 570 (graduate students).

FIN 419. Behavioral Finance. 3 or 4 hours.
Provides an understanding of the individuals' behavioral biases and their effects on financial markets. Course Information: 3 undergraduate hours. 4 graduate hours. Graduate students are expected to complete a term project to meet the additional credit hour requirement. Prerequisite(s): FIN 300; or FIN 301 and FIN 302; or consent of the instructor.

FIN 421. Advanced Corporate Finance. 3 or 4 hours.
Uses the case method to provide an in-depth treatment of corporate financial decisions pertaining to investment and financing choices, corporate policies, and valuation of businesses. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): FIN 320. Recommended background: Understanding financial statements, time value of money, rates of return, market efficiency, and basic concepts of risk, and discount rates. This class cannot serve as an introductory level course for unprepared students. For students who lack confidence in their mastery of the prerequisite material, self-study review of chapters 1–12 of Essentials of Corporate Finance by Ross, Westerfield, and Jordan, the required text for FIN 320, is strongly recommended.

FIN 422. Alternative Investments: Venture Capital, Private Equity, and Hedge Funds. 3 hours.
Aims to help students understand the investment opportunities available in venture capital, private equity, and hedge funds, both from a quantitative and a qualitative perspective, using a combination of lectures and case discussions. Course Information: Credit is not given for FIN 422 if the student has credit in FIN 445. Prerequisite(s): FIN 300; or FIN 301 and FIN 302. Recommended background: FIN 310 and FIN 320.

FIN 423. Financial Modeling, Analysis, and Decision Making. 3 hours.
Teaches financial modeling and firm valuation skills using a set of case studies. Using financial data from real firms, students compute and forecast cash flows to evaluation day-to-day business decisions. Course Information: Extensive computer use required. Prerequisite(s): FIN 300; or FIN 301 and FIN 302.

FIN 424. Financial Communication. 3 hours.
This learn-by-doing course concentrates on developing strong communication skills with topics based on economic and financial scenarios. Course Information: Prerequisite(s): FIN 300 or FIN 301. Recommended background: Basic Excel and PowerPoint skills.

FIN 425. Energy Finance. 3 hours.
Addresses finance topics in the context of the energy industry, including valuation, lending, trading, and risk management. Course Information: Extensive computer use required. Prerequisite(s): FIN 300; or FIN 301 and FIN 302. Recommended background: FIN 310 and FIN 320.

FIN 430. Introduction to Money and Banking. 3 hours.
Payment and banking systems; credit and market risk management; The Federal Reserve System; globalization of monetary, banking, and regulatory systems. Course Information: Prerequisite(s): FIN 300; or FIN 301 and FIN 302.

FIN 431. Management in the Financial Services Industry. 3 hours.
The principles of management of corporations in the financial services industry, emphasizing commercial bank management and risk. Methodology includes computerized bank management simulation or case studies. Course Information: Prerequisite(s): FIN 300.

FIN 442. International Corporate Financial Management. 3 hours.
Financial management within an international context. International monetary system and financial markets, management of foreign investments, working capital management, exchange risks, taxation and earnings reports. Course Information: Prerequisite(s): FIN 300; or FIN 301 and FIN 302.

FIN 445. Financing Entrepreneurship. 3 hours.
Helps students understand the opportunities and challenges faced by entrepreneurs seeking to finance high-potential ventures by raising venture capital or other forms of private equity or debt. Course Information: Credit is not given for FIN 445 if the student has credit in FIN 422 or ENTR 444. Recommended background: FIN 300; or FIN 301 and FIN 302.

FIN 449. Applied Equity Investment Management. 3 hours.
Puts financial theory to practice by giving students real life, hands-on experience in managing an equity investment process, from stock selection to portfolio management. Course Information: Prerequisite(s): FIN 310. Recommended background: A keen interest/ passion for the markets in general and the equity markets in particular.

FIN 455. Asset Management. 1-4 hours.
Applied course in Investments. The emphasis is on modern quantitative techniques for asset management. Course Information: Students will use real data, and learn to create their own spreadsheet optimization programs in MS excel. Prerequisite(s): FIN 310 (undergraduate students); FIN 510 (graduate students). Recommended Background: Students must be comfortable with linear regressions matrix algebra, basic calculus. Spreadsheet proficiency is essential.

FIN 456. Advanced Investment Management. 3 hours.
This fund is a one-of-a-kind educational opportunity that prepares students for success in the investment industry by managing real money in a highly unstructured setting using the best research and research tools. Course Information: Prerequisite(s): Grade of B or better in FIN 310 and Grade of B or better in FIN 320.

FIN 460. Corporate Valuation. 3 or 4 hours.
Examines corporate valuation with tools and techniques such as valuation multiples, discounted cash flows, cost of capital, and the adjusted present value method. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): FIN 320 or FIN 520. Recommended background: Basic understanding of accounting and statistics.

FIN 472. Real Estate Finance. 3 or 4 hours.
Finance principles applied to real estate; financing of residential and income-producing real estate; real estate development finance; secondary mortgage market; taxation and real estate finance. Course Information: Same as RES 472. 3 undergraduate hours. 4 graduate hours. May not be used to satisfy the economics credit requirement for the MA in Economics and PhD in Economics. Only elective credit will be applied toward these degrees. Graduate students will complete a term project to meet the additional credit hour requirement. Prerequisite(s): FIN 300.

FIN 473. Risk Management and Insurance. 3 hours.
Introduction to risk management. Loan and credit management; credit scoring. Risk measurements and reserves; banking and insurance capital requirements, the BASEL accord, tail events and catastrophic event insurance. Financial contracts and hedging. Course Information: Same as IDS 473. Prerequisite(s): IDS 270 or IE 342 or STAT 381 or PSCH 343 or SOC 401; and FIN 300.

FIN 474. Property and Casualty Insurance. 3 hours.
Basic principles, functions and uses of P&C insurance, types of policy contracts, determination of coverage, regulation. Emphasis on interaction with professional communities and project-based learning. Course Information: Prerequisite(s): FIN 473 or IDS 473. Recommended background: FIN 310 and FIN 320.

FIN 475. Insurance Company Operations. 3 hours.
Examines how insurers operate, covering industry structure, regulation, marketing, underwriting risk, claims, actuarial functions, reinsurance, and reporting. It strengthens finance skills while boosting internship and career opportunities. Course Information: Prerequisite(s): FIN 473 or IDS 473. Recommended background: FIN 310 and FIN 320.

FIN 479. Enterprise Risk Management. 3 or 4 hours.
Overview of enterprise-wide risk management strategies and techniques: strategies that firms employ to enhance value and minimize exposure; techniques used to identify, measure, reduce, and transfer risk. Course Information: Same as IDS 479. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): FIN 300; or consent of the instructor. Recommended background: IDS 473 or FIN 473.

FIN 480. Securities Markets and High-Frequency Trading. 3 hours.
How securities are traded in modern financial markets; design, operation, and regulation of trading processes; real-time algorithmic trading exercises and high-frequency trading strategies. Course Information: Recommended background: FIN 310.

FIN 481. Introduction to Blockchain and Cryptocurrencies. 3 hours.
Introduces students to blockchain and cryptocurrencies so they can safely navigate these spaces and apply their knowledge in future crypto related opportunities. Course Information: Extensive computer use required. Prerequisite(s): FIN 300.

FIN 494. Special Topics in Finance. 1-4 hours.
An intensive study of a selected topic in finance. Topics vary by sections and by term. Course Information: 1 to 3 undergraduate hours. 2 to 4 graduate hours. May be repeated if topics vary. Students may register for more than one section per term. May be repeated to a maximum of 6 hours for undergraduates; may be repeated to a maximum of 8 hourse for graduate students. Prerequisite(s): Consent of the instructor.

FIN 495. Competitive Strategy. 4 hours.
Multidisciplinary analysis of organization strategy and policy using case method and/or business simulation. Assignments involve extensive library research as well as oral and written reports. Course Information: Credit is not given for FIN 495 if the student has credit in ACTG 495 or IDS 495 or MGMT 495. Prerequisite(s): FIN 310 and FIN 320 and Senior Standing and completion of all Business Core courses; or consent of the instructor.

FIN 499. Research Experience. 1-3 hours.
Research experience under the supervision of a faculty member. The faculty member and student will determine the research project. Each student must submit a written report and each student must participate at a research event on campus. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor and department head.

French (FR)

Courses

FR 101. Elementary French I. 4 hours.
Introduction to French language and culture. Intensive practice in speaking, listening, reading, and writing. Course Information: For students who have not studied French or placement as determined by test score. This is a blended-online and classroom course. Use of computer and internet access is required. A high- speed connection, while not required, is strongly suggested. Class Schedule Information: During the fall and spring terms, combined-section final exam will be held Tuesday of finals week from 6 to 8 p.m.

FR 102. Elementary French II. 4 hours.
Continuation of introduction to French language and culture. Intensive practice in speaking, listening, reading, and writing. Course Information: This is a blended-online and classroom course. Use of computer and internet access is required. A high-speed connection, while not required, is strongly suggested. Prerequisite(s): A grade of C or better in FR 101, or the equivalent as determined by test score. Class Schedule Information: During the fall and spring terms, combined-section final exam will be held Tuesday of finals week from 6 to 8 p.m.

FR 103. Intermediate French I. 4 hours.
Intensive practice in conversation (speaking, listening), reading, composition; vocabulary and grammar acquisition and practice. Course Information: Extensive computer use required. This is a blended-online and classroom course. Use of a computer and internet access is required. A high-speed connection, while not required, is strongly suggested. Prerequisite(s): FR 102; or appropriate score on the department placement test. Class Schedule Information: During the fall and spring terms, combined-section final exam will be held Tuesday of finals week from 6 to 8 p.m.

FR 104. Intermediate French II. 4 hours.
Intensive practice in conversation (speaking, listening), reading, composition; vocabulary and grammar acquisition and practice. Course Information: Extensive computer use required. This is a blended-online and classroom course. Use of a computer and internet access is required. A high-speed connection, while not required, is strongly suggested. Prerequisite(s): FR 103; or appropriate score on the department placement test. Class Schedule Information: During the fall and spring terms, combined-section final exam will be held Tuesday of finals week from 6 to 8 p.m. *IAI GECC Humanities course*.

FR 191. African and Caribbean Francophone Literature in Translation. 3 hours.
An introduction to the Francophone literature of Africa and the Caribbean and to its historical and cultural contexts. Course Information: Same as BLST 191. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

FR 196. Totalitarianism, Writing and Cinema. 3 hours.
An introduction to French, Spanish, and Italian writing and films dealing with the issue of totalitarianism. Various authors are examined within a broad context of European thinking on totalitarianism. Course Information: Same as ITAL 196, and SPAN 196. Taught in English. Two additional hours for viewing films (every two weeks). Prerequisite(s): Consent of the instructor.

FR 200. French Creative Writing and Translation. 3 hours.
Develop creative writing and translation skills while expanding vocabulary and French grammar. Writing cues are oral, visual, and written. Materials for translation include music, Instagram, films, and texts from the French-speaking world. Course Information: Taught in French. Prerequisite(s): FR 104; or appropriate score on the department placement test; or consent of the instructor.

FR 201. French Theater Workshop. 3 hours.
Study, stage, and perform scenes from famous French plays, as a way of improving spoken French and learning about French and Francophone theater. Course Information: Taught in French. Prerequisite(s): FR 104; or appropriate score on the department placement test; or consent of the instructor.

FR 210. French Conversation. 3 hours.
Interactive preparation for conversation with native French speakers. Development of skills in conversation, grammar, vocabulary, and culture by engaging with current events in graphic novels, online news, and social media. Course Information: May be repeated to a maximum of 6 hours. Taught in French. Prerequisite(s): FR 104; or appropriate score on the department placement test; or consent of the instructor.

FR 211. French in the Professions. 3 hours.
Introduction to the vocabulary, practices, history, and expectations of a professional field in France, including science, law, medicine, business and human rights. High-intermediate language training using authentic texts. Topics will vary. Prerequisite(s): FR 104 (or equivalent), or consent of instructor.

FR 212. Stories, Sights, and Sounds from the French-Speaking World. 3 hours.
An introduction to the culture, history, and geography of the French-speaking world outside of France, including Sub-Saharan Africa, North Africa, Quebec, and the Caribbean. Prerequisite(s): FR 104 (or equivalent), or consent of the instructor.

FR 213. France Past and Present. 3 hours.
An overview of the cultural history of France through literary texts, original source documents and other cultural artifacts. Prerequisite(s): FR 104 (or equivalent), or consent of the instructor.

FR 214. Conversational French through Popular Culture and Media. 3 hours.
Exploration of French popular culture and media using authentic materials. Intermediate to advanced training in developing and refining communication skills with emphasis on pronunciation, idiomatic expressions, and monitoring grammatical errors. Prerequisite(s): FR 104 (or equivalent), or consent of the instructor.

FR 215. Paris in Film. 3 hours.
Exploration of multicultural Paris in French films. Conversational and writing practice with grammar, vocabulary, and cultural information about films, the history and culture of Paris, and comparisons between Paris and Chicago as global cities. Course Information: Taught in French. Prerequisite(s): FR 104; or appropriate score on the department placement test; or consent of the instructor.

FR 291. The Art of Happiness. 3 hours.
How has the French and Francophone world approached the subject of happiness? Students will engage in reflective and meditative practices said to increase happiness while exploring French and Francophone cultural and philosophical traditions. Course Information: Taught in English. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

FR 293. Legal Drama: Trials in Film and Theater. 3 hours.
An exploration of justice and the law in French history and visual culture, as depicted in films, plays, and transcripts. A comparative approach to justice in French and US contexts. Course Information: Same as CLJ 293. Taught in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

FR 295. Science Fiction and Fantasy in the French-Speaking World. 3 hours.
An exploration of science fiction and fantasy through literature, graphic novels, and film in the French-speaking world. Course Information: Taught in English. Recommended background: Successful completion of a 100-level class in the Humanities and ENGL 160 and ENGL 161. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

FR 296. Independent Study. 1-3 hours.
For majors and minors in French who wish to supplement regular courses or undertake individual study projects. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Approval of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

FR 297. Paris in Literature, Film, and Culture. 3 hours.
Examines cultural and literary representations of Paris as well as the influence of Parisian urbanism on French cultural and literary genres and forms. Course Information: Taught in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

FR 298. French Literature, Drama and/or Film in Translation. 3 hours.
In-depth examination of a topic relevant to French literature, culture, or film, focusing on critical thinking and analysis. Course Information: Previously listed as FR 198. Taught in English. Recommended Background: Successful completion of a 100-level class in the Humanities and ENGL 160 and ENGL 161. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

FR 300. Topics in Film and Media of the French-Speaking World. 3 hours.
Introduction to film history and analysis; includes reading, writing, and speaking about both film and text. Prerequisite(s): Two 200-level French courses (or equivalent); or one 200-level French course plus concurrent registration in a second 200-level French course; or consent of the instructor.

FR 301. Topics in French and Francophone Literature. 3 hours.
Intensive study of a period, theme, genre, or author within French or Francophone literature, with emphasis on literary analysis and critical writing. Course Information: May be repeated up to 1 time(s) if topics vary. Taught in French. Prerequisite(s): Grade of C or better in FR 211 or Grade of C or better in FR 212 or Grade of C or better in FR 213 or Grade of C or better in FR 214; and Grade of C or better or concurrent registration in FR 211 or Grade of C or better or concurrent registration in FR 212 or Grade of C or better or concurrent registration in FR 213 or Grade of C or better or concurrent registration in FR 214; or consent of the instructor.

FR 302. Topics in French and Francophone Culture. 3 hours.
Intensive study of French or Francophone culture within a particular period; focus on literary and/or historical texts in the context of social and intellectual movements. Course Information: May be repeated up to 1 time(s) if topics vary. Taught in French. Prerequisite(s): Grade of C or better in FR 211 or Grade of C or better in FR 212 or Grade of C or better in FR 213 or Grade of C or better in FR 214; and Grade of C or better or concurrent registration in FR 211 or Grade of C or better or concurrent registration in FR 212 or Grade of C or better or concurrent registration in FR 213 or Grade of C or better or concurrent registration in FR 214; or consent of the instructor.

FR 303. Writing in the Discipline. 1 hour.
Focus on raising students' skills of written expression and critical research in French to a high level proficiency. Course Information: Taught in French. Prerequisite(s): Junior standing or above, and approval of the department. Corequisite(s): In order to register for FR 303, students must be concurrently registered for either FR 300, FR 301 or FR 302.

FR 370. Writing and Research in the Major. 1 hour.
Perfecting writing and expository skills in English. Required for majors in the department. Course Information: Same as ITAL 370 and SPAN 370. Prerequisite(s): Junior or senior standing and approval of the department.

FR 397. Internship. 0-3 hours.
Professional field experience with an agency, organization, or firm that has significant ties to a French-speaking region or community, in the private or public sector. Course Information: May be repeated for a maximum of 6 hours. Field work required. Prerequisite(s): Grade of C or better in FR 211 or Grade of C or better in FR 212 or Grade of C or better in FR 213 or Grade of C or better in FR 214; and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

FR 398. Research. 1-3 hours.
Experience with designing, implementing and presenting a research project in collaboration with a member of the French and Francophone faculty. Course Information: May be repeated for a maximum of 6 hours. No more than 3 credit hours of FR 398 may be applied toward the major or minor. Prerequisite(s): Grade of C or better in FR 211 or Grade of C or better in FR 212 or Grade of C or better in FR 213 or Grade of C or better in FR 214; and approval of the department.

FR 400. French in Style: Advanced Speaking, Writing and Research. 3 or 4 hours.
Advanced study of grammar and syntax, with emphasis on precision and flexibility of oral and written expression, critical awareness of style, and fundamentals of translation. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): One 300-level course (or equivalent), or consent of the instructor.

FR 401. Reading French for Graduate Students. 4 hours.
Grammar, vocabulary, general and specialized reading practice; for graduate students wishing to fulfill French reading requirements for the Ph.D. Course Information: Credit may not be applied toward a graduate degree. Taught in English. Prerequisite(s): Graduate standing and consent of the instructor. Recommended background: Some prior experience with elementary French.

FR 417. Topics in Seventeenth-Century French Literature. 3 or 4 hours.
Significant works, authors, and cultural developments from seventeenth-century France, including but not limited to the reign of Louis XIV, will be studied in their historical, intellectual, and cultural context. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s), if topics vary. Taught in French. Prerequisite(s): Grade of C or better or concurrent registration in FR 300 or Grade of C or better or concurrent registration in FR 301 or Grade of C or better or concurrent registration in FR 302; or consent of the instructor.

FR 418. Topics in Eighteenth-Century French Literature. 3 or 4 hours.
Significant genres, movements, authors, and works from the French Enlightenment and Revolution will be studied within the context of artistic, social, cultural, legal and political developments of the era. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s), if topics vary. Taught in French. Prerequisite(s): Grade of C or better or concurrent registration in FR 300 or Grade of C or better or concurrent registration in FR 301 or Grade of C or better or concurrent registration in FR 302; or consent of the instructor.

FR 419. Topics in Nineteenth-Century French Literature. 3 or 4 hours.
Significant genres, movements, authors, and works from the "long" nineteenth century (1789-1914) in France and the French-speaking world will be studied within the context of artistic, social, cultural and political developments of the era. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s), if topics vary. Taught in French. Prerequisite(s): Grade of C or better or concurrent registration in FR 300 or Grade of C or better or concurrent registration in FR 301 or Grade of C or better or concurrent registration in FR 302; or consent of the instructor.

FR 420. Topics in Twentieth-Century French Literature. 3 or 4 hours.
Significant works, authors, and cultural developments from twentieth-century France will be studied in their historical, intellectual, and cultural context. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s), if topics vary. Taught in French. Prerequisite(s): Grade of C or better or concurrent registration in FR 300 or Grade of C or better or concurrent registration in FR 301 or Grade of C or better or concurrent registration in FR 302; or consent of the instructor.

FR 422. Topics in Francophone Literature. 3 or 4 hours.
Significant genres, movements, authors, and works from areas of the Francophone World outside metropolitan France will be studied within the context of their historical, literary, cultural and political developments. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s), if topics vary. Taught in French. Prerequisite(s): Grade of C or better or concurrent registration in FR 300 or Grade of C or better or concurrent registration in FR 301 or Grade of C or better or concurrent registration in FR 302; or consent of the instructor Fr 301 (Topics in French and Francophone Literature) or consent of the instructor.

FR 440. Topics in French and Francophone Cinema. 3 or 4 hours.
Significant films from either France or another Francophone part of the world will be studied in their historical, intellectual, and cultural context. Course Information: 3 undergraduate hours. 4 graduate hour. Same as MOVI 440. May be repeated for a maximum of 9 hours of credit for undergraduates, or 12 hours of credit for graduate students, as long as the topic is different for each registration. Taught in English. Students who intend to use French 440 toward the major in French must complete assignment in French. Prerequisite(s): Grade of C or better or concurrent registration in FR 300 or Grade of C or better or concurrent registration in FR 301 or Grade of C or better or concurrent registration in FR 302; or consent of the instructor.

FR 448. Foundations of Second Language Teaching. 3 or 4 hours.
Provides an introduction to second language acquisition research and its implications for communicative language teaching. Emphasis is on creating activities to develop high school students' communicative abilities in speaking and listening. Course Information: Same as GER 448 and SPAN 448. 3 undergraduate hours. 4 graduate hours. Taught in English. Prerequisite(s): Junior standing or above; and consent of the instructor and three courses at the 200 and 300 levels.

FR 449. Teaching Second Language Literacy and Cultural Awareness. 3 or 4 hours.
Examines the nature of literacy as a reciprocal relationship between readers, writers, texts and culture. Students learn the practical and theoretical foundations of classroom teaching of second language reading and writing skills. Course Information: Same as GER 449, and SPAN 449. 3 undergraduate hours. 4 graduate hours. Taught in English. Prerequisite(s): Junior standing or above; and consent of the instructor and three courses at the 200 and 300 levels.

FR 464. Topics in French Cultural Studies. 3 or 4 hours.
An interdisciplinary approach to French culture, including history, literature, beaux-arts, and philosophy. Each topic focuses on a specific period between the Middle Ages and the present. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s), if topics vary. Taught in French. Prerequisite(s): Grade of C or better or concurrent registration in FR 300 or Grade of C or better or concurrent registration in FR 301 or Grade of C or better or concurrent registration in FR 302; and consent of the instructor.

FR 470. Educational Practice with Seminar I. 6 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

FR 471. Educational Practice with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, credit or concurrent registration in FR 470, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

FR 496. Independent Study. 1-4 hours.
Supervised study in an area not covered by regularly scheduled courses under the direction of a faculty member designated by the chairperson of the department. Course Information: Prerequisite(s): French major with senior or graduate standing and consent of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

Gender and Women's Studies (GWS)

Courses

GWS 101. Gender in Everyday Life. 3 hours.
An interdisciplinary introduction to GWS that draws on the humanities and social sciences. Emphasizes intersections of gender, race, sexuality, class, and nation. Addresses historical and contemporary debates, focusing primarily on U.S. concerns. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE US Society course*.

GWS 102. Global Perspectives on Women and Gender. 3 hours.
An interdisciplinary introduction to Gender and Women's Studies that draws on the humanities and social sciences. Emphasizes intersections among gender, race, sexuality, class and nation. Addresses historical and contemporary debates, focusing primarily on global concerns. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

GWS 120. Study of Gender, Class, and Political Issues in German Texts. 3 hours.
Portrayal of relationships between men and women, classes, and political interest groups in German literature. Course Information: Same as GER 120. No credit toward a major or minor program offered by the Department of Germanic Studies. Readings, lectures, and discussions in English. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

GWS 192. Latin American Women Writers in Translation. 3 hours.
Introduction to literature by Latin American women from the seventeenth century to the present. Focus on the role literature has played in the negotiation of gender identities in the private and the public spheres. Course Information: Same as LALS 192 and SPAN 192. Taught in English. Extensive computer use required. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

GWS 202. Comparative Social Movements. 3 hours.
International social movements involving issues of women, gender, and sexuality. Content varies. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): GWS 101 or GWS 102 or consent of the instructor.

GWS 203. Introduction to Lesbian, Gay, Bisexual, Transgender, and Queer Studies. 3 hours.
LGBTQ studies; current personal, political, and cultural issues, including: coming out, hate crimes, transgender communities, queer of color critique, military, AIDS, families, religion, activism, representations in literature, film, and media.

GWS 204. Gender and Popular Culture. 3 hours.
Analysis of representations of gender and sexuality in popular and material culture, using contemporary theories. Focus is on US popular culture. Course Information: Same as COMM 204. Prerequisite(s): Sophomore standing or above; or consent of the instructor. Recommended background: Credit or concurrent registration in GWS 101 or Credit or concurrent registration in COMM 102 or Credit or concurrent registration in GWS 102 or Credit or concurrent registration in COMM 103. *UIC GE Individual and Society course, and UIC GE US Society course*.

GWS 205. Disability, Race, Class and Gender. 3 hours.
Invites students to engage in a critical dialogue around disability, race, class and gender through an intersectional and interdisciplinary frame of analysis. Course Information: Same as DHD 205. *UIC GE Individual and Society course*.

GWS 211. Sex and Gender in the Ancient World. 3 hours.
An exploration of the construction of gender and its relationship to love and sexuality in the ancient world through literature and art. Course Information: Same as CL 211. Prerequisite(s): Sophomore standing or above.

GWS 224. Gender and Society. 3 hours.
Sociological perspectives on gender as a factor in social stratification; gender role acquisition; individual and social consequences of changing social definitions of gender roles. Course Information: Same as SOC 224. Prerequisite(s): SOC 100 or GWS 101 or GWS 102. *UIC GE Individual and Society course, and UIC GE US Society course*.

GWS 232. Sex Roles: Moral and Political Issues. 3 hours.
Philosophical inquiry into controversies surrounding the changing roles of men and women. Course Information: Same as PHIL 232. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

GWS 238. Biology of Women. 3 hours.
An evolutionary perspective on the biology of women from conception to menopause, in light of current research on genetics, hormones, and development. Topics include sexual differentiation, sex differences, and life history. Course Information: Same as ANTH 238. Prerequisite(s): Grade of C or better in ANTH 105; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE Natural World No Lab course*.

GWS 240. Music, Gender and Culture. 3 hours.
Examination of the intersection of music, gender and sexuality in different historical periods and cultures. Study of music's role in the formation and expression of gender identity in classical and popular music. Course Information: Same as MUS 240. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

GWS 242. Introduction to Arab American Studies. 3 hours.
Addresses key themes in Arab American Studies: immigration and racism; family, gender, and sexuality; socio-economic class; religious affiliation; arts and cultures; and politics and political activism. Course Information: Same as ANTH 242 and GLAS 242. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE US Society course, and UIC GE World Cultures course*.

GWS 244. Women in Russian Literature. 3 hours.
Major works by and about women in Russian literature: experiences of women and societal attitudes toward them. Course Information: Same as RUSS 244. Taught in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GWS 245. Introduction to Gender, Sexuality and Literature. 3 hours.
Introduction to literary texts in Western and other traditions that explore issues of gender and sexuality. Course Information: Same as ENGL 245. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE Individual and Society course*.

GWS 247. Women and Literature. 3 hours.
Introduction to reading English, American, and global literature in English with a focus on gender, genre, and women's representation and authorship. Course Information: Same as ENGL 247. Previously listed as ENGL 111. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE Individual and Society course*.

GWS 248. Afro Asian Solidarities. 3 hours.
An exploration of the radical possibilities of transnational alliances and the long history of cross-racial solidarities between Asia and Africa, Asians and Africans, both globally and in the U.S. Course Information: Same as ANTH 248 and GLAS 248. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE US Society course, and UIC GE World Cultures course*.

GWS 252. Sexuality in America: Historical Perspectives. 3 hours.
Sexuality as a force in U.S. history. Topics include Victorianism, marriage and courtship, sexual subcultures, censorship and purity crusades, popular culture, and various "sexual revolutions." Course Information: Same as HIST 252. *UIC GE Past course, and UIC GE US Society course*.

GWS 255. Introduction to Middle East and Muslim Feminisms. 3 hours.
An introduction to Middle East and Muslim feminisms that draws on the social sciences. Emphasizes intersections of family, religion, nation, colonialism, militarism, gender, and sexuality. Course Information: Same as ANTH 255 and GLAS 255. Prerequisite(s): Completion of the English Composition requirement. *UIC GE World Cultures course*.

GWS 259. Women and Gender in American History. 3 hours.
Cultural, social, economic developments of gender relationships and women's lives from the seventeenth century to the present; political and ideological responses; feminism. Course Information: Same as HIST 259. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Past course, and UIC GE US Society course*.

GWS 261. Reading Black Women Writing. 3 hours.
Examines inscriptions of race, gender, class, and sexuality as they shape the literary and critical practices of black women writers. Course Information: Same as BLST 261 and ENGL 261. Prerequisite(s): Grade of C or better in a 100-level Black Studies or African American literature course; or consent of the instructor.

GWS 262. Constructions of Gender, Race, Health, and Human Rights. 3 hours.
Explores issues at the intersections of gender, race, and sexuality through the lens of health in both U.S. and non-U.S. contexts. Course Information: Same as ANTH 262. Prerequisite(s): GWS 101 or GWS 102; and sophomore standing or above; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

GWS 263. Asian American Gender and Sexual Diversity. 3 hours.
Introductory, cross-disciplinary examination of issues related to gender and sexuality among Asian Americans, with critical attention paid to diverse experiences across various social and political contexts. Course Information: Same as GLAS 263. Previously listed as ASAM 263. Prerequisite(s): ASAM 123 or ASAM 125 or GWS 101 or GWS 102. *UIC GE Individual and Society course, and UIC GE US Society course*.

GWS 272. Race, Gender, and Sexuality. 3 hours.
Explores how Black feminist and queer intellectual work on race, gender and sexuality has been used to radically reimagine what a just world would look like. Course Information: Same as BLST 272. Prerequisite(s): Credit or concurrent registration in ENGL 161. *UIC GE Individual and Society course, and UIC GE US Society course*.

GWS 275. Gender in Latin America. 3 hours.
Latin American women in historical perspective from pre-Columbian and Iberian societies to the present. Course Information: Same as LALS 275 and POLS 275. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Past course, and UIC GE World Cultures course*.

GWS 276. Latinas in the United States. 3 hours.
Socioeconomic conditions and cultural experiences of Latinas in the U.S. Historical and contemporary views of labor, health, education, family, identity formation and leadership. Course Information: Same as LALS 276, and SOC 226. Grade of C or better in ENGL 160; Grade of C or better or concurrent registration in ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE US Society course*.

GWS 290. Topics in the Study of Sexuality. 3 hours.
Exploration of a topic concerning the subject of sexuality. Course Information: May be repeated to a maximum of 9 hours. Students may register in more than one section per term.

GWS 292. History and Theories of Feminism. 3 hours.
An introduction to feminist theory and practice throughout the world from the 19th century to the present. Course Information: Same as HIST 292. Recommended background: GWS 101 or GWS 102.

GWS 294. Topics in Gender and Women's Studies. 1-3 hours.
Study of a problem, topic, or issue relevant to the interdisciplinary area of gender and women's studies. Content varies. Course Information: May be repeated to a maximum of 9 hours. Prerequisite(s): Consent of the instructor or one gender and women's studies course.

GWS 304. Gender and Communcation. 3 hours.
Speech differences and universals across genders. Talk in male-female interaction. Communication in romantic relationships. Gender issues in work settings. Course Information: Same as COMM 304. Prerequisite(s): COMM 200 and COMM 201; or GWS 204.

GWS 311. Gender and Sexuality in Early Christianity and Judaism. 3 hours.
Examination of the root of contemporary perspectives on gender and sexuality in the early traditions of Judaism and Christianity including the Bible, the Epic of Gilgamesh, the Church Fathers, the Talmud, and legends of the saints. Course Information: Same as JST 311 and RELS 311.

GWS 315. Psychology of Women and Gender. 3 hours.
Critical examination of research on women and gender across the life span, including psychological aspects of reproduction, and the way that gender shapes cognition, sexuality, family, friendship, and work experiences. Course Information: Same as PSCH 315. Prerequisite(s): Grade of C or better in PSCH 242 or consent of the instructor.

GWS 344. Gender Theory. 3 hours.
Survey of theories of gender in culture. Course Information: Same as ENGL 344. Previously listed as GWS 361. Recommended background: Any of ENGL 207-209, ENGL 245, or GWS 101-102.

GWS 345. Queer Theory. 3 hours.
Survey of theoretical concerns and historical issues that inform and shape the field of queer studies. Course Information: Same as ENGL 345. Previously listed as GWS 362. Recommended background: Any of ENGL 207-209, ENGL 245, or GWS 203.

GWS 347. Gender and Sexuality in Literature. 3 hours.
A survey of works that take the status of gender and sexuality as one of their central thematic or aesthetic concerns. Course Information: Same as ENGL 347. Previously listed as GWS 363. Recommended background: Any of ENGL 207-209, ENGL 247, or GWS 101-102.

GWS 356. Constitutional Law: Women, Gender and Privacy. 3 hours.
A multidisciplinary examination of U.S. constitutional law and politics in shaping issues of gender, privacy, race, and sexual orientation; including reproduction, labor, sexual harassment, political participation, and women and crime. Course Information: Same as BLST 356, and POLS 356. Prerequisite(s): Grade of C or better in POLS 101 or grade of C or better in POLS 112 or grade of C or better in BLST 100 or grade of C or better in BLST 103 or grade of C or better in GWS 101; or consent of the instructor.

GWS 390. Feminism and Social Change. 3 hours.
An examination of the historical development of feminist models of social change, as well as strategies of contemporary feminist activism. Course Information: Prerequisite(s): GWS 101 and GWS 102 and GWS 292; and junior standing or above.

GWS 394. Intermediate Topics in Gender and Women's Studies. 3 hours.
Study of a problem, topic or issue relevant to the interdisciplinary area of gender and women's studies at the intermediate level. Content varies. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor or one course in gender and women's studies.

GWS 396. Independent Study/Research. 1-3 hours.
Independent study or research in specialized area of women's studies or gender-related scholarship. Extensive reading and individual research projects. Course Information: May be repeated to a maximum of 9 hours. Students may register in more than one section per term. Prerequisite(s): Junior standing and consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

GWS 403. Queer Histories. 3 or 4 hours.
Lesbian/gay studies; issues in the history of (homo)sexuality; cultural and historical analysis of same-sexuality in several periods, including our own. Course Information: Same as HIST 403. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or consent of the instructor.

GWS 404. Disability, Sexuality, and Health. 3 or 4 hours.
Explores how political, social, and cultural systems as well as historical contexts shape understandings and experiences of disability, sexuality, and health. Course Information: Same as DHD 404. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above; or consent of the instructor.

GWS 406. Topics in Black Feminist and Queer Studies. 3 or 4 hours.
Advanced study of topics related to theories of race, gender and sexuality with a specific focus on black feminist and queer studies. Topics may vary. Course Information: Same as BLST 406. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above and one 100-level course in Black Studies or one 100-level course in Gender and Women's Studies; or consent of the instructor.

GWS 407. Advanced Seminar in Queer and Trans Studies. 3 or 4 hours.
Advanced interdisciplinary seminar at the nexus of queer and trans studies, with a focus on the intellectual and social struggles for liberation at the intersection of race, sexuality, nation, class, indigeneity, and gender self-determination. Course Information: Extensive computer use required. Prerequisite(s): GWS 101 and GWS 102; or GWS 203; or graduate standing. Recommended background: GWS 403.

GWS 408. Global Black Feminisms. 3 or 4 hours.
Examines transnational, Third Wave and Third World Black feminist approaches to global politics from historical and contemporary perspectives with a particular emphasis on the late 20th century and the beginning of the 21st century. Course Information: Same as BLST 408 and LALS 408. 3 undergraduate hours. 4 graduate hours. Recommended background: Undergraduate students: at least three credit hours in BLST or GWS or LALS.

GWS 409. Women and Gender in the Middle East. 3 or 4 hours.
Advanced interdisciplinary seminar examining issues of women and gender in the Middles East and Muslim societies. Historical and contemporary analyses, case studies with regional and transnational focus. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): GWS 255; or graduate standing; or consent of the instructor.

GWS 410. Race, Gender and Representation: Black Bodies in Media and Mass Culture. 3 or 4 hours.
Examines the ideological, cultural and economic structures that shape the representation of Black subjects in performance, visual arts, and mass media, paying close attention to gender and sexuality. Course Information: 3 undergraduate hours. 4 graduate hours. Same as BLST 410 and COMM 410. Recommended background: Three or more credit hours in Black Studies or consent of the instructor.

GWS 417. Latina and Latin American Feminist Thought. 3 or 4 hours.
Chicana/Latina and Latin American feminist texts and methods. Differential consciousness, spirituality (spiritual activism and spiritual mestizaje), curanderismo, and decolonial epistemologies. Course Information: Same as LALS 417.

GWS 419. Public Health Aspects of Sexuality and Women's Health. 3 hours.
An overview of human sexuality from a public health perspective with special emphasis on family planning, sexuality and behavioral effects on women's health. Course Information: Same as CHSC 419. Prerequisite(s): Graduate or professional standing; or approval of the department.

GWS 424. Gender, Crime, and Justice. 3 or 4 hours.
An in-depth examination of the etiology of female crime and the involvement of females in the criminal justice system as offenders, victims, and workers/professionals. Course Information: Same as CLJ 424. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Two 200-level CLJ courses; junior standing or above; or consent of the instructor.

GWS 425. Sociology of Gender. 3 or 4 hours.
Variety and change in gender roles; patterns and consequences of gender inequality; gender and sexuality; gender and social institutions such as family, economy. Course Information: Same as SOC 424. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 224, or any 100 or 200-level GWS course and an additional 200 or 300-level elective in sociology or gender and women studies; Junior standing or above; or graduate standing; or consent of the instructor.

GWS 428. Asian/Asian American Women in the Global Economy. 3 or 4 hours.
Examines the racialization and feminization of a global division of labor and focuses primarily on Asian and Asian American women's participation and incorporation as workers and key actors in the development of the global economy. Course Information: Same as GLAS 428 and SOC 428. 3 undergraduate hours; 4 graduate hours.Previously listed as ASAM 428. Prerequisite(s): At least one GLAS or GWS or SOC course; or consent of the instructor.

GWS 438. Women in South Asian History. 3 or 4 hours.
A study of the diversity of women's experiences in South Asia in a range of social, cultural, and religious contexts from the ancient period to the present. Course Information: Same as GLAS 438 and HIST 438. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): 3 hours of History or consent of the instructor.

GWS 439. Gender and Cultural Production. 3 or 4 hours.
Issues of gender representation and gender politics examined through the use of theoretical texts or through the study of women authors. Course Information: Same as CEES 439 and GER 439. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) if topics vary. Taught in English. Students who intend to use GER 439/GWS 439 toward a degree offered by the Department in Germanic Studies will do assignments in German. Area: Literature/Culture. Prerequisite(s): GER 212 or consent of the instructor.

GWS 440. Language and Gender. 3 or 4 hours.
Examination of sociolinguistic research and theories on the interrelationships between language and gender, including gender categories in linguistic systems, gender differences in language use, interaction, and cross-cultural comparisons. Course Information: Same as LING 440. 3 undergraduate hours. 4 graduate hours. Previously listed as GWS 540. Prerequisite(s): Junior standing or above; or consent of the instructor.

GWS 443. Topics in Gender, Sexuality and Literature. 3 or 4 hours.
Specific study of topics in gender and literature. Content varies. Course Information: Same as ENGL 443. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: Any of ENGL 207-209, 245, 247, 344, 345, or 347, or GWS 101-102. Junior standing or above.

GWS 444. Topics in Theories of Gender and Sexuality. 3 or 4 hours.
Advanced study of topics related to theories of gender and sexuality. Course Information: Same as ENGL 444. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: Any of ENGL 207-209, 245, 247, 344, 345, 347 or GWS 101-102. Junior standing or above.

GWS 449. Women and Film. 3 or 4 hours.
Roles and representations of women in classical Hollywood, European art and independent feminist cinemas. Course Information: Same as AH 449 and ENGL 449. 3 undergraduate hours. 4 graduate hours. Previously listed as GWS 472. Recommended background: Any of ENGL 330, 344, 345, or 347. Junior standing or above.

GWS 455. Advanced Seminar in Feminism and Justice. 3 or 4 hours.
Advanced interdisciplinary seminar on feminist theories of social justice, histories of freedom movements, and intersectional feminist theories and analyses of justice that ignited these movements. Topics will vary. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated for a maximum of 6 hours of credit for undergraduates, or 8 hours of credit for graduate students. May be repeated if topics vary. Prerequisite(s): GWS 101 and GWS 102. Recommended Background: SJ 101 or SJ 201.

GWS 458. Asian America and Transnational Feminism. 3 or 4 hours.
Advanced, cross-disciplinary examination of feminism among Asian Americans from critical race and decolonizing perspectives and in a transnational context. Course Information: Same as GLAS 458. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): At least one GLAS or GWS course; or consent of the instructor.

GWS 462. AIDS, Politics and Culture. 3 or 4 hours.
Introduction to the study of AIDS as a medical, social, political and cultural construction. Explores the epidemiology of AIDS, the politics of the state¿s response, how activists have addressed AIDS, and media representations of AIDS. Course Information: Same as HIST 462. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): GWS 101 or GWS 102 or GWS 203 or GWS 214 and junior standing or above; or consent of the instructor.

GWS 463. Politics of Gender and Sexuality in Asian America. 3 or 4 hours.
Advanced, cross-disciplinary examination of issues related to gender and sexuality among Asian Americans, with critical attention paid to feminist and queer perspectives on the politics of representation and identity construction. Course Information: Same as GLAS 463. 3 undergraduate hours. 4 graduate hours. Previously listed as ASAM 463.

GWS 469. Women's Literary Traditions. 3 or 4 hours.
An exploration of issues such as the female aesthetic; women's popular literature; factors that enable creativity; differences of race and class. Course Information: Same as ENGL 469. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ENGL 361 or ENGL 362 or ENGL 363; and senior standing or above; or consent of instructor.

GWS 476. Latinx Youth: Coming of Age in the U.S. 3 or 4 hours.
Discursive and cultural positioning of Latina/o/x youth in the US. Explores how youth shape identity, culture, education, politics, community. Using concept of intersectionality, explores links to gender, class, and sexuality. Course Information: 3 undergraduate hours; 4 graduate hours. Same as LALS 476 and SOC 474.

GWS 478. Women in Chinese History. 3 or 4 hours.
Focuses on scholarship on women in Chinese society throughout history, dealing with topics such as marriage and family, literacy, career options, women in revolution and the historiography of the field. Course Information: Same as ASST 478, and HIST 478. 3 undergraduate hours. 4 graduate hours. Recommended background: Previous course work in Chinese history or women's studies.

GWS 484. Topics in the History of Women. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 484. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history or gender and women's studies or consent of the instructor.

GWS 485. Gender and Politics. 3 or 4 hours.
Impact of gender on basic categories of western political thought. Distinctions between reason and emotion, public and private, among others, examined from feminist perspective. Course Information: Same as POLS 485. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): POLS 190 and one 200-level course in political theory; or consent of the instructor.

GWS 490. Advanced Topics in the Study of Sexuality. 3 or 4 hours.
Special study at an advanced level of a topic concerning sexuality. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of gender and women's studies, or consent of the instructor.

GWS 494. Advanced Topics in Gender and Women's Studies. 3 or 4 hours.
Specialized study of a problem, topic or issue relevant to the interdisciplinary area of gender and women's studies at the advanced level. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): Senior or graduate standing.

GWS 496. Independent Study. 1-3 hours.
Individual advanced reading or research in Gender and Women's Studies, under the supervision of a faculty member. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): GWS 101 and GWS 102; and consent of the instructor. Recommended background: GWS 292 and GWS 390.

Geography (GEOG)

Courses

GEOG 100. Concepts in Geography. 3 hours.
Geographic concepts drawn from the areas of cultural, urban, economic, global, and regional geography. Course Information: Same as US 100. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

GEOG 161. Introduction to Economic Geography. 3 hours.
With a focus on non-Western cultures and economies, this course examines how factors of production, economic activities, and institutions alter local economies, individual and collective livelihoods and cultural practices. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course, and UIC GE World Cultures course*.

GEOG 203. Human Geography of Latin America including the Caribbean Region. 3 hours.
Culture, settlement, political and economic development problems in Latin America, with special attention to Puerto Rico, the Caribbean Region, and Mexico. Course Information: Same as LALS 217. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

GEOG 207. Ancient Civilizations of Mexico and Central America. 3 hours.
Analysis and interpretation of the archaeological evidence on the process of development of native civilization in the Meso-American area from the beginnings of agricultural settlement to the eve of the Spanish conquest. Course Information: Same as ANTH 227, and LALS 258. Prerequisite(s): ANTH 102; or sophomore standing or above; or consent of the instructor.

GEOG 208. Mapping the Urban: Cartography and its Alternatives. 3 hours.
Maps both represent space and influence the spatial imaginary. From traditional cartography to new media, the course will explore the power and possibilities of mapping and counter-mapping as narratives of space, power and social relations. Course Information: Same as US 208. *UIC GE Individual and Society course*.

GEOG 418. Ethnographic and Qualitative Research Methods. 3 or 4 hours.
Practical introduction to the techniques of social scientists for research in natural social settings: participant observation/non-participant observation, interviewing, use of documentary sources, etc. Course Information: Same as ANTH 418. 3 undegraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above.

GEOG 425. Field Techniques in Archaeology. 4 hours.
Exposure to field methods in archaeology through participation in an actual research project. Students are instructed in field excavation techniques. Usually offered in summer session. Course Information: Same as ANTH 425. May be repeated to a maximum of 8 hours. Prerequisite(s): ANTH 102 or consent of the instructor. Recommended: Concurrent registration in ANTH 426 or GEOG 426. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Practice.

GEOG 426. Laboratory Techniques in Archaeology. 4 hours.
Exposes students to laboratory methods in archaeology through the analysis of excavated materials. Students are instructed in laboratory techniques. Course Information: Same as ANTH 426. May be repeated to a maximum of 8 hours. Prerequisite(s): ANTH 102 or consent of the instructor. Recommended: Concurrent registration in ANTH 425 or GEOG 425. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

GEOG 429. Archaeological Methods. 3 or 4 hours.
This course will familiarize students with various methodologies used by archaeologists and geo-archaeologists. Course will concentrate on a different method each time it is taught. Course Information: Same as ANTH 429. 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s). Students may register for more than one section per term.

GEOG 444. Management of Solid and Hazardous Wastes. 3 hours.
Management of solid and hazardous waste, including radioactive waste: landfills, incineration, recycling, composting, source reduction, groundwater and air pollution impacts, control, regulations, siting, health impacts. Course Information: Same as CME 423, and EOHS 472.

GEOG 453. Seminar in Cultural Ecology. 3 or 4 hours.
Cultural ecology and cultural evolution, emphasizing peasant farming and other subsistence systems. Soil management under shifting and sedentary agriculture. Course Information: Same as ANTH 453. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ANTH 101 or GEOG 151 or consent of the instructor.

GEOG 469. Geographic Information Systems for Planning and Policy. 3 or 4 hours.
Applications of Geographic Information Systems to understanding spatial relationships for their importance in planning use and policy making across a variety of disciplines/policy sectors. Course Information: Same as UPP 461. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above; and consent of the instructor. Students in the Geospatial Analysis and Visualization minor must first complete US 261 and US 361, in this sequential order. Priority registration will be given to students admitted to a campus certificate program in Geospatial Analysis and Visualization.

GEOG 477. Remote Sensing of the Environment. 4 hours.
Principles and practices of processing and interpretation of remotely sensed imagery including aerial photographs, radar and multispectral satellite images. Hands-on use of image-processing software. Course Information: Same as ANTH 477. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

GEOG 481. Geographic Information Systems I. 4 hours.
Components and performance properties of geographic information systems. Geographic hierarchies and data structures. Problems and solutions in handling large geographic files. Geocoding. Course Information: Same as ANTH 481. Prerequisite(s): GEOG 100 and one from GEOG 278, GEOG 386, IDS 100; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

GEOG 482. Geographic Information Systems II. 4 hours.
Application of raster (or grid) based geographic information systems to the spatial analysis of landscapes. Course Information: Same as ANTH 482. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

GEOG 483. Geographic Information Systems III. 4 hours.
Problems encountered in the analysis and portrayal of geographic data. Topics include taxonomy, regionalization, trend surface analysis, time series, markov probabilities, and computer cartographic procedures for displaying output from analytic procedures. Course Information: Same as ANTH 483. Prerequisite(s): GEOG 482 or ANTH 482 or consent of the instructor.

GEOG 496. Internship. 1-4 hours.
Professional field experience with an agency or organization in the private or public sector on projects related to the student's area of specialization. Course Information: Same as ANTH 496. May be repeated to a maximum of 8 hours. Only 4 hours of credit may be applied toward the Minor in Geography. Prerequisite(s): Declared major in anthropology, minor in geography or full graduate standing in anthropology or geography and consent of the faculty advisor, head of the department, or the director of internship programs. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Germanic Studies (GER)

Courses

GER 100. Introduction to Germanic Cultures and Literatures. 3 hours.
Introductory texts on culture and literature of German-speaking countries are studied in the context of their European and international significance. Course Information: No credit toward a major or minor program offered by the Department of Germanic Studies. Lectures, discussion, and readings in English. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE World Cultures course*.

GER 101. Elementary German I. 4 hours.
Introductory exposure to language and culture of German-speaking countries with use of current materials. Course Information: This is a blended-online and classroom course. Use of computer and internet access is required. A high speed connection, while not required, is strongly suggested. Prerequisite(s): For students who have not studied German or placement as determined by test score.

GER 102. Elementary German II. 4 hours.
Continuation of GER 101. Increased exposure to language and culture of German-speaking countries, with use of current materials. Course Information: This is a blended-online and classroom course. Use of a computer and internet access is required. A high speed connection, while not required, is strongly suggested. Prerequisite(s): Grade of C or better in GER 101; or appropriate score on the department placement test.

GER 103. Intermediate German I. 4 hours.
Continuation of GER 102. Intensive exposure to the language and culture of German-speaking countries, with use of current materials. Course Information: This is a blended-online and classroom course. Use of computer and internet access is required. A high speed connection, while not required, is strongly suggested. Prerequisite(s): Grade of C or better in GER 102 or grade of C or better in GER 106; or appropriate score on the department placement test.

GER 104. Intermediate German II. 4 hours.
Continuation of GER 103. Exposure to multiple textual and aural genres and socio-cultural situations to familiarize students with contemporary life in the German-speaking world. Course Information: A blended-online and classroom course. Use of computer and internet access is required. A high speed connection, while not required, is strongly suggested. Prerequisite(s): Grade of C or better in GER 103; or appropriate score on the placement test. *IAI GECC Humanities course*.

GER 120. Study of Gender, Class, and Political Issues in German Texts. 3 hours.
Portrayal of relationships between men and women, classes, and political interest groups in German literature. Course Information: Same as GWS 120. No credit toward a major or minor program offered by the Department of Germanic Studies. Readings, lectures, and discussions in English. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

GER 122. Minority Perspectives in the Germanic Context. 3 hours.
Investigation of the challenges and/or opportunities of multicultural societies by examining in a socio-historical context texts created by members of Europe's ethnic, religious, and national minorities. Course Information: Same as JST 122 and RELS 122. No credit toward a major or minor program offered by the Department of Germanic Studies. Lectures, discussion, and readings in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GER 123. Introduction to Yiddish Culture and Literature. 3 hours.
Yiddish culture in Europe and the U.S. in socio-historical context. Focus on the role of Yiddish in conceptions of secular, cultural, religious, national Jewish identities. Course Information: Same as JST 123 and RELS 123. No credit toward a major or minor program offered by the Department of Germanic Studies. Lectures, discussion, and readings in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GER 125. Diaspora, Exile, Genocide: Aspects of the European Jewish Experience in Literature and Film. 3 hours.
Literature and films on European Jewish responses to anti-Semitism and persecution in a historical context to reveal the condition of post-Enlightenment German-speaking Jewish and Yiddish-speaking societies. Course Information: Same as JST 125 and RELS 127. No credit toward a major or minor program offered by the Department of Germanic Studies. Taught in English. *UIC GE Past course, and UIC GE World Cultures course*.

GER 161. German Language Studies. 3-16 hours.
A four-week summer course taken in a German-speaking country. Course Information: May be repeated to a maximum of 16 hours. Prerequisite(s): Approval of the department.

GER 207. European Cinema. 3 hours.
An overview of the major developments in European cinema from the post-World II period to the present. Course Information: Same as MOVI 207 and SPAN 207. Prerequisite(s): ENGL 160. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GER 211. Exploring German-Speaking Cultures. 3 hours.
Exploration of cultural and political aspects of German-speaking cultures. High-intermediate to advanced language training using authentic written, visual and oral texts. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): GER 104 or the equivalent.

GER 212. Rural, Urban, Global: Germanic Geographies. 3 hours.
Exploration of cities and places within the German-speaking world along with their correlative cultures. High-intermediate to advanced language training using authentic written, visual and oral texts. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): GER 104 or the equivalent.

GER 214. Conversational German through Popular Culture and Media. 3 hours.
Exploration of German popular culture and media using authentic materials. Intermediate to adv training in developing and refining effective communication skills by emphasizing pronunciation, idiomatic expressions, and monitoring grammatical errors. Course Information: May be repeated. Prerequisite(s): Credit or concurrent registration in GER 104 or the equivalent.

GER 215. Business Culture in German-Speaking Countries. 3 hours.
Oral and written communication in professional settings, including business and industry. Course Information: Previously listed as GER 315. Prerequisite(s): Credit or concurrent registration in GER 104; or Credit or concurrent registration in GER 211; or Credit or concurrent registration in GER 214 or the equivalent.

GER 217. Introduction to German Cinema. 4 hours.
German cinema as communication and art; its production, reception and ideological perspectives. Course Information: Taught in English. No knowledge of German required. Area literature/culture. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GER 219. Princesses and Storytellers: Fairy Tales by the Brothers Grimm and Their Cultural Afterlives. 3 hours.
Analyzes the structure, meaning, and function of fairy tales and their continuing impact on literature, film, and contemporary culture since the Brothers Grimm. Course Information: Taught in English. Area literature/culture. No knowledge of German required. *UIC GE Creative Arts course, and UIC GE Past course*.

GER 228. The Making of Modern Germany: The Nation in the World, 1750-1918. 3 hours.
Examination of the history of the Germans in Central Europe and beyond, from 1750 to 1918. The course considers the multifaceted processes of nation-building in politics, socioeconomic, and especially culture, in a global context. Course Information: Same as HIST 228. Taught in English. *UIC GE Past course*.

GER 240. Classical German Thought. 3 hours.
A survey of classical German thought and history through literature, philosophy, and culture. Course Information: Taught in English. No knowledge of German required. Students who intend to use GER 240 toward an undergraduate major or minor in the Department of Germanic Studies will do assignments in German. *UIC GE Individual and Society course, and UIC GE Past course*.

GER 244. Food and the Cultural Imagination. 3 hours.
Exploration of the intersections of food, politics, and the cultural imagination within a European and international context, with an emphasis on values associated with food and eating as conveyed in film, literature, and popular culture. Course Information: Same as LCSL 244. Taught in English. *UIC GE World Cultures course*.

GER 299. Becoming Transcultural: Study Abroad. 0-17 hours.
Provides credit for foreign study in German-speaking countries. Proposal for Study Abroad must have prior approval of Department of Germanic Studies and College of Liberal Arts and Sciences. Final determination of credit made upon completion of work. Course Information: May be repeated. May be repeated for a maximum of 34 hours of credit per academic year. Prerequisite(s): Sophomore standing or above; and approval of the department and approval of the College of Liberal Arts and Sciences. In exceptional cases students may be permitted to take this course after the first freshman semester. Students must be in good academic standing.

GER 300. Writing in the Study of German. 1 hour.
Perfecting skills of written expression in English or German. Course Information: Prerequisite(s): Junior standing or above; or approval of the department. Must be taken concurrently with a course that receives credit toward a major offered by the Department of Germanic Studies, as specified in the Timetable. Restricted to majors and minors in the Department of Germanic Studies.

GER 302. Topics in German Cinema. 3 hours.
In-depth focus on a particular area of German cinema, such as Weimar cinema, Nazi cinema, queer cinema, etc. Topics vary. Course Information: Taught in English. Prerequisite(s): Any MOVI course.

GER 310. Contemporary German Language, Culture and Society. 3 hours.
Focus on contemporary German culture and society through analysis of visual, written and oral texts. Advanced training in German language skills and in cultural competence. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Credit or concurrent registration in GER 211 or Credit or concurrent registration in GER 212 or Credit or concurrent registration in GER 214 or the equivalent.

GER 311. German Literature in a Global Context. 3 hours.
Exploration of German literature within a European and international context. Advanced training in German language skills. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Credit or concurrent registration in GER 211; or Credit or concurrent registration in GER 212; or Credit or concurrent registration in GER 214 or the equivalent.

GER 318. Topics in Germanic Literatures and Cultures. 3 hours.
Prominent persons, genres, themes or movements in the areas of Germanic literature, ideas, and art. Topics vary. Course Information: May be repeated to a maximum of 9 hours if topics vary. Taught in English.

GER 333. Topics in Genres in Germanic Studies. 3 hours.
The study of genres such as novel, drama, poetry, autobiography, philosophy; and critical reflections on the genre. Course Information: May be repeated to a maximum of 9 hours if topics vary. Students may register in more than one section per term. Area: literature/culture. Prerequisite(s): GER 211 or GER 212 or the equivalent.

GER 398. Honors Project. 3 hours.
Independent study. Course Information: May not be taken in the term in which student expects to graduate. Prerequisite(s): Completion of 12 hours of courses toward the major, with a grade point average of at least 3.60 in these courses, and prior approval of the department. Restricted to majors in the Department of Germanic Studies.

GER 399. Independent Study. 1-3 hours.
Individual study under faculty direction for qualified students with special interests and needs not met by regularly offered courses. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

GER 401. Research in German Studies. 3 or 4 hours.
Capstone course with focus on research in a variety of areas under the umbrella of German Studies. Individual research projects and focused analysis of visual, written and oral texts. Advanced training in German language skills. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 6 hours for undergraduates, or 0 hours for graduate students. Majors and minors outside the Department of Germanic Studies may repeat this course to a maximum of 6 hours. Prerequisite(s): GER 211 or GER 212 or the equivalent. Recommended background: Credit or concurrent registration in GER 310.

GER 404. Yiddish for Reading Knowledge. 3 or 4 hours.
Preparation for the Graduate Proficiency Exam. Basic components of Yiddish grammar, sentence structure, and vocabulary. Selected texts in the original language will be studied. Course Information: 3 undergraduate hours. 4 graduate hours. Does not satisfy the graduation requirement in foreign languages. Prerequisite(s): GER 211; or consent of the instructor or graduate standing.

GER 408. Introduction to Translation Theory. 3 or 4 hours.
The study of translation theory and its application to translating German texts of various types into English. Appropriate for students who want to become translators. Course Information: 3 undergraduate hours. 4 graduate hours. Area: language. Prerequisite(s): GER 212 or the equivalent, or graduate standing.

GER 411. The City as Cultural Focus. 3 or 4 hours.
Interdisciplinary study of urban culture with focus on German-speaking countries. Course Information: Same as CEES 411. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Taught in English. No knowledge of German required. Students who intend to use GER 411 toward a degree offered by the Department of Germanic Studies will do assignments in German. Area: literature/culture. Prerequisite(s): For majors and minors in the Department of Germanic Studies only: GER 212 or the equivalent or consent of the instructor.

GER 415. Business Practices in German-Speaking Countries. 3 or 4 hours.
Extensive practice in the writing of business correspondence and formal presentations. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): GER 215; or consent of the instructor.

GER 437. Contemporary Germanic Literature. 3 or 4 hours.
Literature of the German-speaking world since World War II, with emphasis on current issues and recent critical approaches to literature. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) if topics vary. Area: literature/culture. Prerequisite(s): GER 211 or the equivalent, or graduate standing or consent of the instructor.

GER 438. The Faust Legend. 3 or 4 hours.
Discusses Goethe's Faust within the context of European and non-European literatures. Traces the origins, significance, and interpretation of the Faust figure. Course Information: Same as CEES 438. 3 undergraduate hours. 4 graduate hours. Taught in English. Area: literature/culture.

GER 439. Gender and Cultural Production. 3 or 4 hours.
Issues of gender representation and gender politics examined through the use of theoretical texts or through the study of women authors. Course Information: Same as CEES 439 and GWS 439. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) if topics vary. Taught in English. Students who intend to use GER 439 toward a degree offered by the Department of Germanic Studies will do assignments in German. Area: literature/culture. Prerequisite(s): GER 212 or consent of the instructor.

GER 448. Foundations of Second Language Teaching. 3 or 4 hours.
Provides an introduction to second language acquisition research and its implications for communicative language teaching. Emphasis is on creating activities to develop high school students' communicative abilities in speaking and listening. Course Information: Same as FR 448 and SPAN 448. 3 undergraduate hours. 4 graduate hours. Taught in English. Prerequisite(s): Junior standing or above; and consent of the instructor and three courses at the 200 and 300 levels.

GER 449. Teaching Second Language Literacy and Cultural Awareness. 3 or 4 hours.
Examines the nature of literacy as a reciprocal relationship between readers, writers, texts and culture. Students learn the practical and theoretical foundations of classroom teaching of second language reading and writing skills. Course Information: Same as FR 449, and SPAN 449. 3 undergraduate hours. 4 graduate hours. Taught in English. Prerequisite(s): Junior standing or above; and consent of the instructor and three courses at the 200 and 300 levels.

GER 461. German Abroad. 0-17 hours.
Taken in a German-speaking country. Lectures, seminars, and practical work in German language, literature, and civilization. Course Information: May be repeated to a maximum of 34 hours. Prerequisite(s): GER 104 or the equivalent, a 2.75 overall grade point average, a 3.00 grade point average in Germanic Studies, and approval of the department.

GER 487. Computer Assisted Language Learning. 3 or 4 hours.
An introduction to computer assisted language learning (CALL): the use of computer technology in second language reading and research. The effectiveness of CALL technology is assessed based on SLA theory and research studies. Course Information: Same as LING 487 and SPAN 487. 3 undergraduate hours. 4 graduate hours. Taught in English. Extensive computer use required. Prerequisite(s): LING 483 or CIE 483 or GER 448 or FR 448 or SPAN 448 or GER 449 or FR 449 or SPAN 449; or SPAN 502 or FR 502 or the equivalent; and senior standing or above.

GER 492. Internship in International Business. 0-12 hours.
Student placement in an international organization or firm in a German-speaking country or its U.S. subsidiary or division. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated with approval. Approval to repeat course granted by the department. Prerequisite(s): GER 211; and consent of the instructor and a GPA of 2.00. Recommended background: Concurrent registration in GER 493 or registration in GER 493 in the semester immediately following.

GER 493. Internship Seminar: Business. 1-4 hours.
Academic component of the internship experience. Studies in the field of the internship and further investigation of related topics. Course Information: May be repeated with approval. Approval to repeat course granted by the department. A maximum of 3 hours of credit may be applied toward an undergraduate degree offered by the Department of Germanic Studies, and a maximum of 4 hours of credit may be applied toward a graduate degree offered by the Department of Germanic Studies. Prerequisite(s): GER 211 and credit or concurrent registration in GER 492 and consent of the instructor and a grade point average of 2.00.

GER 494. Educational Practice with Seminar I. 6 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

GER 495. Educational Practice with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, credit or concurrent registration in GER 494, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

Global Asian Studies (GLAS)

Courses

GLAS 100. Introduction to Global Asian Studies. 3 hours.
Introduction to the study of Asia as well as transoceanic and transnational Asian diasporas, emphasizing the study of Asian histories, languages, cultures, and politics, Asian American histories and cultures. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE World Cultures course*.

GLAS 105. Asian and/or Asian American Studies Seminar. 1 hour.
A seminar on an area of current interest in the field of Asian and/or Asian American studies. Topics may vary. Course Information: May be repeated to a maximum of 3 hours. May be repeated if topics vary. Previously listed as ASAM 105.

GLAS 109. East Asian Civilization: Ancient China. 3 hours.
An introduction to Chinese civilization, including history, philosophy, and religions from earliest times to c. 1500. Course Information: Same as HIST 109. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

GLAS 120. Introduction to Asian American Studies. 3 hours.
Overview of Asian American experiences and perspectives in socio-historical context. Introduction to major concepts, issues, and debates in the field of Asian American Studies. Course Information: Same as SOC 120. Previously listed as ASAM 125. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Individual and Society course, and UIC GE US Society course*.

GLAS 123. Introduction to Asian American Literature. 3 hours.
Introductory survey of a wide range of Asian American literature in various socio-historical contexts. Course Information: Same as ENGL 123. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Creative Arts course, and UIC GE US Society course*.

GLAS 125. Introduction to the Art and Architecture of Asia. 3 hours.
Using cross-cultural case studies, this course introduces students to some of the major artistic methods, monuments, and themes associated with Asian art and architecture. Course Information: Same as AH 125. Field trip required at a nominal fee. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GLAS 200. Gandhi: The History and Practice of Nonviolence. 3 hours.
The history of Gandhian practice of nonviolent resistance through a variety of thinkers and movements.Course Information: Same as HIST 200. Recommended Background: ENGL 160 or completion of any 100-level history course. *UIC GE Past course*.

GLAS 201. Asian Markets, Corporations, and Social Justice. 3 hours.
A critical analysis of multinational corporations as social institutions and their commodification and representation of Asian and Asian American cultures and economies. Includes topics like KPop, fair trade, sweatshops, and the beauty industry. Course Information: Same as ANTH 201. Prerequisite(s): GLAS 100; or consent of the instructor. *UIC GE World Cultures course*.

GLAS 207. Asian Cities: Urban Cultures of the Global South. 3 hours.
The dynamics of urbanization in a number of Asian cities, including Mumbai, Shanghai, Singapore and Dubai, that have emerged as important nodes in the global economy, and that exemplify contemporary urban culture as it manifests cross-culturally. Course Information: Same as ANTH 207. Prerequisite(s): ANTH 101; or consent of the instructor. *UIC GE World Cultures course*.

GLAS 209. Advanced Chinese Language and Culture. 3 hours.
Chinese culture as reflected in language, communication, daily life, and creative works. Intensive listening, speaking, reading and writing at the intermediate-advanced level. Course Information: Same as CHIN 209. Not intended for students with native proficiency in Chinese. This course may be taught in a blended-online format. See class schedule for specifics. Extensive computer and internet use is required. A high-speed connection is strongly suggested. Prerequisite(s): Grade of C or better in CHIN 104; or Grade of C or better in CHIN 112; or appropriate score on the department placement test or equivalent AP or IB Test score.

GLAS 210. Asian American Histories. 3 hours.
Introduction to the main historical events that define the Asian experience in the United States, from the mid-nineteenth century to the present. Course Information: Same as HIST 210. Previously listed as ASAM 210. *UIC GE Individual and Society course, and UIC GE US Society course*.

GLAS 215. Techno-Orientalism: Race, Media and Society. 3 hours.
An investigation of the historical entanglements of race, politics, and technoscience in the Pacific world from the 19th century to the present. Throughout, we examine representations of Asian and Asian American cultures of science and technology. Course Information: Same as HIST 215. Prerequisite(s): Grade of C or better in GLAS 100; or consent of the instructor. *UIC GE Past course*.

GLAS 217. Introduction to Filipino American Studies. 3 hours.
Introduction to the experiences of Filipinos in the U.S. that explores issues of colonialism, immigration, culture, and politics. Course Information: *UIC GE US Society course*.

GLAS 219. Art and Architecture of East Asia. 3 hours.
Survey of the historic and contemporary art and architecture of China, Korea and Japan, as well as the architecture and art of Asian Diasporas. Course Information: Same as AH 219. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GLAS 220. Buddhist Art and Architecture. 3 hours.
A chronologically and thematically organized survey of Buddhist art and architecture in Asia and beyond. Course Information: Same as AH 220 and RELS 220. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GLAS 223. Global Hip-hop and Asian Diasporas. 3 hours.
Introduction to Hip-hop across Asian and Asian American communities through diasporic, transnational, comparative, and performance perspectives. Course Information: Prerequisite(s): Grade of C or better in GLAS 100. *UIC GE Creative Arts course*.

GLAS 224. Archaeology of Mainland Southeast Asia. 3 hours.
Introduction to the archaeology of mainland Southeast Asia, ranging from the appearance of early peoples to the rise of states such as the Angkorian Khmer Empire. Course Information: Same as ANTH 224. Prerequisite(s): ANTH 101 or ANTH 102; or consent of the instructor.

GLAS 226. Asian American Visual Culture. 3 hours.
Introduction to the study of visual culture of and by Asian Americans. Topics include but are not limited to the analysis of advertisements, film, toys, photography, visual arts, 3D objects, printmaking, drawing, creative writing, and painting. Course Information: Same as COMM 226. Recommended background: Grade of C or better or concurrent registration in GLAS 100 or Grade of C or better or concurrent registration in GLAS 120. *UIC GE Creative Arts course, and UIC GE US Society course*.

GLAS 228. Sociology of Asia and Asian Americans. 3 hours.
Asian and Asian-American culture, institutions, and organization; immigration, population, settlement patterns; occupations and poverty; family and ethnic identification; inequality and politics; values, prejudice, discrimination. Course Information: Same as SOC 228. Prerequisite(s): SOC 100. *UIC GE Individual and Society course, and UIC GE US Society course*.

GLAS 229. Introduction to Asian Film. 3 hours.
A theoretical analysis of films by recognized masters of Asian cinema. Course Information: Same as MOVI 229 and ENGL 229. Previously listed as ASST 229. Taught in English. Films contain English subtitles. One film per week will be screened outside of class. Students may choose to attend the official screenings or watch the films on their own. Prerequisite(s): ENGL 161. *UIC GE World Cultures course*.

GLAS 230. Cultural Politics of Asian American Food. 3 hours.
A cross-disciplinary examination of Asian American identity and community formations through an analysis of the intersections of food, culture, and Asian American experiences. Course Information: Previously listed as ASAM 230. Prerequisite(s): Sophomore standing or above. Recommended background: GLAS 120. *UIC GE Individual and Society course, and UIC GE US Society course*.

GLAS 231. Politics and Society of China. 3 hours.
Main issues of contemporary Chinese politics and social change; the decline of the last imperial dynasty; the republican era; the rise of communism and China under the rule of Mao Zedong; and the reform period (post-1978). Course Information: Same as HIST 231 and POLS 231. Prerequisite(s): POLS 130; or consent of the instructor. *UIC GE World Cultures course*.

GLAS 232. Politics and Government of Korea. 3 hours.
Sources, dynamics, and patterns of politics in the two Koreas. Comparison of North and South Korea. Course Information: Same as POLS 232. Prerequisite(s): POLS 130; or consent of the instructor. *UIC GE World Cultures course*.

GLAS 242. Introduction to Arab American Studies. 3 hours.
Addresses key themes in Arab American Studies: immigration and racism; family, gender, and sexuality; socio-economic class; religious affiliation; arts and cultures; and politics and political activism. Course Information: Same as ANTH 242 and GWS 242. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE US Society course, and UIC GE World Cultures course*.

GLAS 244. Arab and Asian Connections in the U.S. and Globally. 3 hours.
A comparative study of contemporary Arab and Asian communities in the US and around the globe that examines issues of militarism/war; immigration/displacement; racism; and social justice activism. Course Information: Same as ANTH 244. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE US Society course, and UIC GE World Cultures course*.

GLAS 248. Afro Asian Solidarities. 3 hours.
An exploration of the radical possibilities of transnational alliances and the long history of cross-racial solidarities between Asia and Africa, Asians and Africans, both globally and in the U.S. Course Information: Same as ANTH 248 and GWS 248. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE US Society course, and UIC GE World Cultures course*.

GLAS 250. Critical Issues in Community Engagement. 3 hours.
A cross-disciplinary and critical examination of community engagement, activism, and social justice in the context of Asian America. Course Information: Previously listed as ASAM 275. Prerequisite(s): GLAS 120. *UIC GE Individual and Society course, and UIC GE US Society course*.

GLAS 252. U.S. Racism and Imperialism. 3 hours.
Examines histories and narratives of U.S. imperialism and racism. Investigates how U.S. imperial power is inextricably tied to the workings of racial difference and hierarchy. Same as BLST 252. Course Information: Recommended background: Grade of C or better in GLAS 100 or Grade of C or better in BLST 100 or Grade of C or better in BLST 101. *UIC GE Past course, and UIC GE US Society course*.

GLAS 255. Introduction to Middle East and Muslim Feminisms. 3 hours.
An introduction to Middle East and Muslim feminisms that draws on the social sciences. Emphasizes intersections of family, religion, nation, colonialism, militarism, gender, and sexuality. Course Information: Same as ANTH 255 and GWS 255. Prerequisite(s): Completion of the English Composition requirement. *UIC GE World Cultures course*.

GLAS 260. Roots of K-Pop: Popular Culture in Modern Korean History. 3 hours.
Critical examination of popular culture and music as a window into major historical events in modern Korea and Korean diaspora. Course Information: Same as HIST 260 and MUS 260. Recommended background: Grade of C or better or concurrent registration in GLAS 100 or Grade of C or better or concurrent registration in GLAS 120. *UIC GE World Cultures course*.

GLAS 263. Asian American Gender and Sexual Diversity. 3 hours.
Introductory, cross-disciplinary examination of issues related to gender and sexuality among Asian Americans, with critical attention paid to diverse experiences across various social and political contexts. Course Information: Same as GWS 263. Previously listed as ASAM 263. Prerequisite(s): GLAS 120 or GLAS 123 or GWS 101 or GWS 102. *UIC GE Individual and Society course, and UIC GE US Society course*.

GLAS 264. The Pacific Rim in Modern History. 3 hours.
Critical examination of the connected histories of various societies in the modern Pacific Rim world, including the American West, Asia, and Latin America, since the nineteenth century. Course Information: Same as HIST 264. Prerequisite(s): ENGL 161. *UIC GE Past course, and UIC GE World Cultures course*.

GLAS 270. Topics in Asian Cultures and Societies. 3 hours.
An exploration of a specific theme that will introduce in comparative context the major countries in Asia. Course Information: May be repeated to a maximum of 6 hours if topics vary. Previously ASST 270. Prerequisite(s):Sophomore standing or above; or consent of the instructor. *UIC GE World Cultures course*.

GLAS 271. Late Imperial China. 3 hours.
A detailed survey of China's late imperial period, covering a broad range of issues from state institutions and elite power, to popular culture and peasant revolt. Course Information: Same as HIST 271. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

GLAS 272. China Since 1911. 3 hours.
Twentieth-century China from 1911 to the present, including warfare; areas of intellectual inquiry; changes in government, family, and the role of women. Course Information: Same as HIST 272. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion.

GLAS 274. Cultures of Global Vietnam. 3 hours.
Vietnamese American histories, culture, politics, and creative arts in comparative, relational, and transnational perspectives. Emphasis on artists, activists, and scholars living in Vietnam and in the diaspora. Course Information: Same as ANTH 274 and HIST 274. Prerequisite(s): Grade of C or better in GLAS 100. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

GLAS 275. History of South Asia to 1857. 3 hours.
South Asian history from the earliest times to 1857, in regional and global contexts. Course Information: Same as HIST 275. Course is offered in both face-to-face and hybrid/online formats. Check the class schedule for details. When taught online or hybrid, students will be required to have reliable internet access and a means for accessing it (computer preferable). Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

GLAS 276. Modern South Asia. 3 hours.
Examines anti-colonial resistance to British rule starting with the 1857 Revolt, Indian nationalism, and the formation of independent nation-states in South Asia. Course Information: Same as HIST 276. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

GLAS 278. Topics in the Art, Architecture and Visual Culture of Asia. 3 hours.
Selected topics in the art, architecture, and visual cultures of Asia and Asian diasporas. Course Information: Same as AH 278. May be repeated if topics vary. Students may register in more than one section per term.

GLAS 279. South Asian Cultures and Societies. 3 hours.
Survey of the people and cultures of South Asian Cultures; emphasis on social structure, religion, and recent cultural changes. Course Information: Same as ANTH 279. Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

GLAS 290. Special Topics in Asian American Studies. 1-3 hours.
Study of a specific intermediate topic in Asian American studies. May be repeated if content does not duplicate previous coursework. Course Information: May be repeated if topics vary. Previously listed as ASAM 290.

GLAS 300. Global Asia in Chicago. 3 hours.
Interdisciplinary exploration of Asian diasporic histories and community formations in Chicago through academic coursework that examines dynamics of globalization in the local context. Course Information: Prerequisite(s): GLAS 100.

GLAS 328. Asian American Literature. 3 hours.
Historical development of Asian American literature. It will identify specific cultural and political issues that have shaped the broad range and diverse ethnic interests of that writing. Course Information: Same as ENGL 328. Recommended background: ENGL 123, ENGL 240, or ENGL 243.

GLAS 340. Immigration, Law, and Rights. 3 hours.
Explores the histories, cultures, and experiences of immigration to the United States by examining legal discourses and historical analyses alongside cultural productions such as literary and visual narratives. Course Information: Same as CLJ 340. Prerequisite(s): Grade of C or better in GLAS 100.

GLAS 390. Special Topics in Asian American Studies. 3 hours.
Reading, study, and discussion of selected topics in Asian American Studies. Course Information: May be repeated if topics vary. Previously listed as ASAM 390. Prerequisite(s): GLAS 120.

GLAS 394. Special Topics in Asian Studies. 3 hours.
Special topics of study in Asian history and culture. Course Information: May be repeated if topics vary.Students may register for more than one section per term. Previously listed as ASST 394. Prerequisite(s): At least one Global Asian Studies course at the 100 or 200 level; or consent of the instructor.

GLAS 400. Blacks and South Asians in London. 6 hours.
A survey of the separate and overlapping politics, cultures, and histories of London's Black and South Asian communities since World War II. Course Information: Same as AAST 400. Prerequisite(s): Consent of the instructor.

GLAS 428. Asian/Asian American Women in the Global Economy. 3 or 4 hours.
Examines the racialization and feminization of a global division of labor and focuses primarily on Asian and Asian American women's participation and incorporation as workers and key actors in the development of the global economy. Course Information: Same as GWS 428 and SOC 428. 3 undergraduate hours; 4 graduate hours. Previously listed as ASAM 428. Prerequisite(s): At least one GLAS or GWS or SOC course; or consent of the instructor.

GLAS 437. The Indian Ocean World: Contact, Commerce, Culture. 3 or 4 hours.
The movement of people, goods, religious movements and ideas, throughout the Indian Ocean region from earliest times to the colonial era. Course Information: Same as ANTH 436 and HIST 437. 3 undergraduate hours. 4 graduate hours.

GLAS 438. Women in South Asian History. 3 or 4 hours.
A study of the diversity of women's experiences in South Asia in a range of social, cultural, and religious contexts from the ancient period to the present. Course Information: Same as HIST 438 and GWS 438. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): 3 hours of History or consent of the instructor.

GLAS 441. Topics in Asian American Literature and Culture. 3 or 4 hours.
An advanced seminar that examines various forms of cultural production by Asian American artists of diverse ethnic backgrounds. Topics vary. Course Information: Same as ENGL 441. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Recommended background: ENGL 327, ENGL 328, or ENGL 359; senior standing or above.

GLAS 458. Asian America and Transnational Feminism. 3 or 4 hours.
Advanced, cross-disciplinary examination of feminism among Asian Americans from critical race and decolonizing perspectives and in a transnational context. Course Information: Same as GWS 458. 3 undergraduate hours. 4 graduate hours. Previously listed as ASAM 458. Prerequisite(s): At least one GLAS or GWS course; or consent of the instructor.

GLAS 463. Politics of Gender and Sexuality in Asian America. 3 or 4 hours.
Advanced, cross-disciplinary examination of issues related to gender and sexuality among Asian Americans, with critical attention paid to feminist and queer perspectives on the politics of representation and identity construction. Course Information: Same as GWS 463. 3 undergraduate hours. 4 graduate hours. Previously listed as ASAM 463.

GLAS 465. Asian Diasporas in Latin America. 3 or 4 hours.
Examines Asian migration to Latin America, covering topics such as labor and economic systems, transnational networks, community building, racism, identity, and serial migration. Course Information: Same as HIST 465 and LALS 465. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in GLAS 100 or Grade of C or better in HIST 161. Recommended background: HIST 264.

GLAS 471. Topics in Asian Art and Architecture. 3 or 4 hours.
Selected topics in the art and architecture of Asia. Course Information: Same as AH 471. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): 3 hours of Asian art and/or architecture or consent of the instructor.

GLAS 473. Topics in East Asian History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 473. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of East Asian history or consent of the instructor.

GLAS 479. Culture and Colonialism in South Asia. 3 or 4 hours.
Examines the emergence of colonial cultures of domination and resistance on the Indian subcontinent from the 18th century to 1947. Course Information: Same as ANTH 479 and HIST 479. 3 undergraduate hours. 4 graduate hours.

GLAS 490. Advanced Topics in Asian American Studies. 3 or 4 hours.
Study of a specific advanced topic within Asian American Studies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours if topics vary. Previously listed as ASAM 490.

GLAS 494. Advanced Topics in Asian Studies. 3 or 4 hours.
Study of selected topics in Asian history and culture. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Students may register for more than one section per term. Previously listed as ASST 494. Prerequisite(s): Consent of the instructor.

GLAS 495. Independent Study. 1-4 hours.
Faculty-supervised independent reading or research on a specialized topic in Asian studies and/or Asian American studies. Course Information: May be repeated. Previously listed as ASAM 495. Prerequisite(s): Consent of the instructor.

Greek, Ancient (GKA)

Courses

GKA 101. Elementary Ancient Greek I. 4 hours.
The fundamentals of ancient classical Greek, including the reading of simple prose.

GKA 102. Elementary Ancient Greek II. 4 hours.
Continues GKA 101. Grammar and reading. Course Information: Prerequisite(s): GKA 101.

GKA 103. Intermediate Ancient Greek I. 4 hours.
Introduction to Greek philosophers and historians. Selections from Plato, Thucydides, Demosthenes, and other Attic prose writers. Course Information: Prerequisite(s): GKA 102.

GKA 104. Intermediate Ancient Greek II. 4 hours.
Introduction to Greek epic and tragedy. Readings from Homer and Euripides. Course Information: Prerequisite(s): GKA 103.

GKA 299. Independent Reading. 3 hours.
Individual study under faculty direction. For students qualified by preparation and interest. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): GKA 104 or the equivalent. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

GKA 498. Advanced Topics in Ancient Greek Literature. 3 or 4 hours.
Intensive reading of ancient Greek literature. Topics vary. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 9 hours. Students may register in more than one section per term. Prerequisite(s): 4 hours of ancient Greek at the 200-level or the equivalent.

GKA 499. Independent Reading. 3 or 4 hours.
Individual study under faculty direction. For students qualified by preparation and interest. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 4 hours of ancient Greek at the 200-level or the equivalent. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Greek, Modern (GKM)

Courses

GKM 101. Elementary Modern Greek I. 4 hours.
Fundamentals of standard modern Greek at the beginning level, including pronunciation, grammar, reading, conversation, and composition.

GKM 102. Elementary Modern Greek II. 4 hours.
Continues study of standard modern Greek grammar, reading, conversation, and composition. Course Information: Prerequisite(s): GKM 101.

GKM 103. Intermediate Modern Greek I. 4 hours.
Introduces complex grammatical constructions. Improves speaking and writing ability. Develops oral composition of standard modern Greek. Greek used for conversation, English for explanation. Course Information: Prerequisite(s): GKM 102 or the equivalent.

GKM 104. Intermediate Modern Greek II. 4 hours.
Further develops writing, speaking, and comprehension. Focuses on idiomatic expressions. Lectures often conducted in Modern Greek. Course Information: Prerequisite(s): GKM 103 or the equivalent. *IAI GECC Humanities course*.

GKM 105. Modern Greek Culture. 3 hours.
Introduction to a variety of aspects of modern Greek culture, including basic information about the country. Readings consist partly of secondary literature (i.e., non-literary texts) and partly of relevant examples of Modern Greek literature. Course Information: Taught in English. *UIC GE World Cultures course*.

GKM 203. Modern Greek Authors in Translation. 3 hours.
Basic introduction to the literary output of Modern Greece, looking at its historical and literary background, sampling some of the main poets and novelists (particularly of the 19th and 20th centuries), also with a look at Greek-American writing. Course Information: Taught in English. Prerequisite(s): Sophomore standing or above. *UIC GE World Cultures course*.

GKM 209. The Byzantine Empire. 3 hours.
The East Roman Empire from its creation by Diocletian and Constantine to its conquest by the Ottoman Turks. Course Information: Same as HIST 209.

GKM 285. Cultural History of Modern Greece: 1453 to the Present. 3 hours.
Survey of the cultural history of modern Greece, from the end of the Byzantine Empire in 1453 to the end of the present. Course Information: Taught in English. Same as HIST 285. *UIC GE Past course*.

GKM 286. Modern Greek Cities: Historical-Ethnographic Survey. 3 hours.
This course is designed as an historical and ethnographic survey of the communities and culture of Modern Greek urban centers, from the early modern period to the present. Course Information: Taught in English. Same as HIST 286. *UIC GE Past course*.

GKM 296. Fascism and Dictatorship in Southern Europe and the Mediterranean. 3 hours.
Establishment of fascist and authoritarian regimes in 20th-century Spain, Italy and Greece. Fascist ideology, leadership cult, mass politics, violence and propaganda, uses of antiquity, resistance and consent, legacy and memory of fascism. Course Information: Same as HIST 296 and POLS 296. Taught in English. Prerequisite(s): ENGL 161. *UIC GE Past course*.

GKM 298. Topics in Modern Greek Studies. 3 hours.
Selected topics at an intermediate level in Modern Greek Studies. Course Information: May be repeated. Students may register for more than one section per term. Taught in English. Prerequisite(s): Consent of the instructor. Recommended background: GKM 105.

GKM 299. Independent Study. 1-4 hours.
An individual study under faculty direction in which a student can examine various apects of Modern Greek culture & languge through readings and papers. Course Information: May be repeated. Students may register for more than one section per term. Prerequisite(s): Consent of the instructor. Recommended background: GKM 105.

Guaranteed Admissions Medicine (GAMD)

Courses

GAMD 200. GPPA Special Topics in Medicine. 1 hour.
Exploration of the interplay of scientific foundations of medicine, the skills of the physician-patient interaction, and the necessary use of emerging medical technologies. Course Information: May be repeated for credit. Students may register for more than one section per term with the approval of the College of Medicine.

Health Information Management (HIM)

Courses

HIM 101. Health Information Management First Year Seminar. 1 hour.
Overview of health information management emphasizing the key concepts of the diverse range of careers in the field. Focuses on academic and professional preparation given the integrative nature of the discipline and current trends. Course Information: Satisfactory/Unsatisfactory grading only. Credit is not given for HIM 101 if the student has credit in HIM 410 or HIM 317 or HIM 319. Meets eight weeks of the semester. Taught online. Students must have an active UIC Net ID with valid password and access to a computer and the internet.

HIM 317. Principles of Health Information Management. 4 hours.
Uses, format and content of inpatient health records; accreditation and documentation guidelines; indexes/registries, record processing and management. Virtual lab/professional site visit required. Course Information: Extensive computer use required. Field work required. Meets eight weeks of the semester. Prerequisite(s): Credit or concurrent registration in HIM 410. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

HIM 319. Alternative Health Records. 4 hours.
Health information systems in non-hospital care settings in the US, including organization and management, resources development, economic support and reimbursement, registries, and delivery of services. Course Information: Meets eight weeks of the semester. Prerequisite(s): HIM 317 and HIM 410; or consent of the instructor.

HIM 320. Technical Affiliation. 2 hours.
Provides an orientation to health information management practice via assignments and field work in affiliated institution's health information management departments. Course Information: Extensive computer use required. Field work required. Meets eight weeks of the semester. Taught partially or fully online. Field work consists of six days of supervised experience in a healthcare organization. Prerequisite(s): Completion of 32 credit hours of HIM course work or approval of the BSHIM Program Director.

HIM 322. Fundamentals of Health Record and Data Management. 4 hours.
Covers foundational health record management, including EHR workflows, accreditation, compliance, and documentation quality, reinforced through case studies and real-world EHR simulations. Course Information: Credit is not given for HIM 322 if the student has credit for HIM 317 or HIM 319. Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): Credit or concurrent registration in HIM 410.

HIM 329. Legal Aspects of Health Information Management. 3 hours.
Covers U.S. legal system, healthcare laws, and regulations affecting HIM. Examines privacy, security, licensure, accreditation, fraud, and abuse. Applies compliance strategies to protect health information and resolve regulatory discrepancies. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): HIM 322 and HIM 410.

HIM 337. Analysis of Health Care Data. 4 hours.
Analyze, interpret, and visualize healthcare data using statistical methods, software tools, and databases to support decision-making through real-world case studies and analytic reports. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): BHIS 406 and HIM 410 and BHIS 460 and HIM 322.

HIM 343. Quality Evaluation and Management. 4 hours.
Explores data-driven methods to assess healthcare quality, evaluate clinical outcomes, reduce risk, and communicate performance insights to support continuous improvement and accreditation readiness. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): HIM 329 and HIM 337.

HIM 361. Human Resources Management. 3 hours.
Emphasis on management of health information management staff, including hiring, discipline, union relations, inservice education, productivity measurement. Course Information: Prerequisite(s): BHIS 480; and consent of the instructor.

HIM 365. Human Resource Management and Leadership in Health Information. 4 hours.
Explores leadership and HR management in health information. Focuses on workforce planning, ethics, employee relations, interdisciplinary teamwork, strategic alignment, and policy development to support organizational goals and performance. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): HIM 410 and HIM 322.

HIM 367. Systems Analysis. 3 hours.
Prepares students to plan and manage health IT projects through strategic planning, project design, risk evaluation, and SDLC application, with hands-on practice in communication, change management, and workflow optimization. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): Completion of 44 semester hours of health information management coursework.

HIM 374. Health Information Research. 4 hours.
Explore healthcare data analytics using statistical methods, database tools, and research practices to inform decision-making and reporting. Create and present a research poster to demonstrate data visualization and applied analysis. Course Information: May be repeated for credit. Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): HIM 337.

HIM 377. Current Issues in Health Information Management. 2 hours.
Discussion of current issues relevant to the health information management profession. Course Information: Prerequisite(s): Completion of 44 semester hours of health information management coursework or consent of the instructor.

HIM 378. Senior Seminar. 1 hour.
Explores current HIM issues, expert insights, leadership skills, RHIA review, Interprofessional Education, research forum participation, and career planning for future HIM professionals. Course Information: Extensive computer use required. Delivered in a 16-week format with instruction provided partially or fully online. Corequisite(s): Requires concurrent registration in HIM 384.

HIM 384. Clinical Practicum. 4 hours.
Consists of 160 hours of supervised management activities in a healthcare or affiliate organization or with an independent HIM professional, allowing students to practice leadership, professionalism and management skills. Course Information: Extensive computer use required. Field work required. Meets eight weeks of the semester. Clinical practicum hours are completed on-site at a healthcare organization during regular business hours. Prerequisite(s): Enrollment restricted to students in the last semester of the HIM program.

HIM 386. Independent Study. 1-5 hours.
An optional course where students perform lab work, field work, and/or in-depth descriptive studies regarding topics related to health information management. Course Information: May be repeated to a maximum of 5 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor and enrollment in health information management or health informatics program.

HIM 390. Health Information Management Capstone. 2 hours.
Plan, develop, and deliver professional HIM presentations using digital tools, adult learning principles, and communication strategies. Presentation planning includes logistics, budgeting, marketing, and evaluation to educate and advocate for HIM. Course Information: Extensive computer use required. Delivered in a 16-week format with instruction provided partially or fully online. Corequisites: Requires concurrent registration in HIM 337 and HIM 374.

HIM 410. Introduction to the Health Care System. 3 hours.
Explores the U.S. healthcare system, including its evolution, structure, regulations, and professional roles. Students examine cost, access, quality, reimbursement, and apply statistics for decision-making and performance improvement. Course Information: Previously listed as HIM 310. Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online.

HIM 432. Coding and Classification Systems. 3 hours.
Introduction to medical nomenclatures and classification systems, emphasizing International Classification of Diseases (ICD) coding, inpatient application, IPPS, and Clinical Documentation Improvement (CDI) programs. Course Information: Previously listed as HIM 332. Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): BHIS 405 and BHIS 406 and HIM 322.

HIM 433. Coding and Reimbursement Systems. 4 hours.
Introduces ICD-PCS, CPT, and HCPCS coding systems with emphasis on coding guidelines, inpatient vs. outpatient distinctions, data quality, and reimbursement methodologies, including DRGs, APCs, IPPS, and OPPS. Course Information: Previously listed as HIM 333. Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Prerequisite(s): BHIS 405 and HIM 432. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

HIM 434. Healthcare Revenue Cycle Management. 3 hours.
Covers healthcare reimbursement, payment systems, revenue cycle components, documentation integrity, and compliance strategies to support accurate coding, effective revenue management, and fraud prevention. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught fully online. Prerequisite(s): HIM 432 and HIM 433.

HIM 450. Health Information Technology and Systems. 3 hours.
Overview of information technology concepts applied to the practice of health information management. Topics include electronic health record systems, information governance, privacy and security, data collection, storage, retrieval and analysis. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught online. Students must have and active UIC Net ID with valid password and access to a computer and the internet. Prerequisite(s): HIM 451.

HIM 451. Health Information Management Theory and Practice. 4 hours.
Examines healthcare systems, population health, ethics, law, privacy, digital records, and data governance. Emphasizes analysis, compliance, advocacy, and system design to prepare students for advanced HIM practice across care settings. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught fully online. Prerequisite(s): Admission to the Master of Science in Health Information Management program.

HIM 452. Quality Management and Data Analysis. 4 hours.
Prepares students to analyze health data with statistical tools, evaluate quality and compliance, and design projects. Emphasizes risk management, patient safety, database use, public health trends, and interprofessional communication. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught fully online. Prerequisite(s): HIM 451 and HIM 454 and HIM 534 and HIM 557.

HIM 453. Principles of Management and Human Resources. 4 hours.
Principles of management with emphasis on business functions, procedures, personnel management, workforce development and productivity measurements as applied to health care settings. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught online. Students must have an active UIC NetID with valid password and access to a computer and the Internet. Prerequisite(s): HIM 450 and HIM 451.

HIM 454. Legal Aspects, Risk Management, and Security of Health Information. 3 hours.
Principles of law, confidentiality, and ethics, and their application to health records, including risk management and security in clinical information systems. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught online. Students must have an active UIC NetID with valid password and access to a computer and the Internet. Prerequisite(s): HIM 450 and HIM 451.

HIM 455. Health Information Systems Analysis and Design. 4 hours.
Advanced topics in information technology and systems in healthcare. Fundamentals and tools of systems analysis and design. Use of data structures in clinical information systems including data design and management. Course Information: Extensive computer use required. Meets eight weeks of the semester. Taught online. Students must have an active UIC NetID with valid password and access to a computer and the Internet. Prerequisite(s): HIM 534 and HIM 557.

HIM 481. Healthcare Financial Management. 2 hours.
An introduction to the principles of healthcare finance. Sources of revenue and expenses, financial statement analysis, budget, and tools to analyze financial performance will be covered. Course Information: Previously listed as HIM 381. Extensive computer use required. Meets eight weeks of the semester. Taught partially or fully online. Students must have an active UIC NetID with valid password and access to a computer and the Internet. Prerequisite(s): BHIS 480 or equivalent experience.

HIM 486. Foundations of Health Information Management. 2 hours.
Provides students new to the health informatics field with knowledge of the U.S. healthcare system and health record content and practice. Course Information: Extensive computer use required. Field work required. Meets eight weeks of the semester. Taught on-line, students must have an active UIC netID with valid password and access to a computer and the Internet. Prerequisite(s): Consent of the instructor and enrollment in the MS in Health Informatics program or Post Master's Certificate in Health Informatics.

Hebrew (HEB)

Courses

HEB 101. Elementary Hebrew I. 4 hours.
Introduction to the vocalization, basic vocabulary, and grammatical structure of the Hebrew language. Spoken and written Hebrew are both stressed. Course Information: Prerequisite(s): For students who have not studied Hebrew or placement as determined by test score or consent of instructor.

HEB 102. Elementary Hebrew II. 4 hours.
The second part of an introduction to the study of the basic vocabulary and grammatical structure of the Hebrew language. Spoken Hebrew is also stressed. Course Information: Prerequisite(s): HEB 101 or adequate performance on the placement test or consent of the instructor.

HEB 103. Intermediate Hebrew I. 4 hours.
The second year of Hebrew language study. Study of Hebrew grammar with emphasis on sentence structure for speaking and writing Hebrew. Course Information: Prerequisite(s): HEB 102 or adequate performance on the placement test or consent of instructor.

HEB 104. Intermediate Hebrew II. 4 hours.
Focused study of Hebrew grammar and reading comprehension. Emphasis on writing and speaking Hebrew with fluency. Course Information: Prerequisite(s): HEB 103 or adequate performance on the placement test or consent of the instructor.

Hindi-Urdu (HNUR)

Courses

HNUR 101. Elementary Hindi-Urdu I. 4 hours.
Introduction to and practice in speaking and comprehending spoken Hindi-Urdu and in reading and writing Hindi-Urdu in Devanagari script. Course Information: Four additional half hours each week in the language laboratory. Prerequisite(s): For students who have not studied Hindi-Urdu, or placement as determined by test score, or consent of the instructor.

HNUR 102. Elementary Hindi-Urdu II. 4 hours.
Continues HNUR 101. Speaking and comprehending Hindi-Urdu. Reading and writing in both Devanagari script and Urdu script. Course Information: Four additional half hours each week in the language laboratory. Prerequisite(s): HNUR 101; or appropriate score on the department placement test; or consent of the instructor.

HNUR 103. Intermediate Hindi-Urdu I. 4 hours.
This course builds on the foundation of HNUR 101 and HNUR 102. Emphasis will be placed on advanced structures, reading unedited texts in both devanagari (Hindi) and nastaliq (Urdu) and the development of oral and aural competency. Course Information: Two additional hours each week in the language laboratory. Prerequisite(s): HNUR 102 or the equivalent, or consent of the instructor.

HNUR 104. Intermediate Hindi-Urdu II. 4 hours.
A continuation of HNUR 103. Modern prose literature and poetry in Hindi-Urdu and an introduction to the language of films. Emphasis on developing oral and aural competency. Course Information: Two additional hours each week in the language laboratory. Prerequisite(s): HNUR 103; or consent of the instructor.

HNUR 196. Independent Study. 1-4 hours.
Independent study under faculty direction for qualified students with special interests and needs. Course Information: May be repeated to a maximum of 8 hours. Prerequisite: Consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

History (HIST)

Courses

HIST 100. Western Civilization to 1648. 3 hours.
Introduction to the development of Western civilization and the modern world: ancient medieval and early modern history. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Humanities course, and UIC GE Past course, and UIC GE World Cultures course*.

HIST 101. Western Civilization Since 1648. 3 hours.
Introduction to the development of Western civilization in the early modern and modern world. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Humanities course, and UIC GE Past course, and UIC GE World Cultures course*.

HIST 103. Early America: From Colonization to Civil War and Reconstruction. 3 hours.
Covers political, cultural, and social developments during the Colonial and early American period. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Humanities course, and UIC GE Past course, and UIC GE US Society course*.

HIST 104. Modern America: From Industrialization to Globalization. 3 hours.
Introduction to the political, cultural, and social developments in American society since the end of the Civil War. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Humanities course, and UIC GE Past course, and UIC GE US Society course*.

HIST 105. Global Transformations and the Rise of the West Since 1000. 3 hours.
Overview of historical transformations that led to the rise of Europe and the wider West to global preeminence. Emphasizes contributions of other world cultures to this development. Course Information: Same as INST 105. This class may be taught in an online format. When that is the case, internet access will be required. A high-speed connection is strongly suggested. Please check the online class schedule for online sections. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 106. The World Since 1400: Converging Worlds, New Circulations. 3 hours.
Overview of historical developments that created an interconnected world. Explorations, rise of capitalism, European colonialism, nationalism and development, and post-colonialism. Course Information: Same as INST 106. Course is offered in both face-to-face and hybrid/ online formats. Check the class schedule for details. When taught online or hybrid, students will be required to have reliable internet access and a means for accessing it (computer preferable). Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 108. Environmental History of the World Since 1500. 3 hours.
A history of the world since 1500 through the lens of the environment, with topics including indigenous relationships to nature, colonial and industrial capitalism, imperialism, disease, petro-politics, and the politics of climate change. Course Information: Same as EAES 108. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course*.

HIST 109. East Asian Civilization: Ancient China. 3 hours.
An introduction to Chinese civilization, including history, philosophy, and religions from earliest times to 1500. Course Information: Same as GLAS 109. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 114. Topics in World History. 3 hours.
Introduction to history through global events and the historical development of diverse cultural, religious, social, economic, and political institutions. Course Information: Same as INST 114. May not be repeated for credit. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion.

HIST 117. Understanding the Holocaust. 3 hours.
Examines the Holocaust of European Jewry as the result of antisemitic ideology and the development of modern German political forces; implementation of the Final Solution. Course Information: Same as JST 117 and RELS 117. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 137. Russia in War and Revolution, 1904-1922. 3 hours.
The revolutionary era in Russia. Exploration of the historical background of the Russian Revolution, the social and political tensions leading to revolutionary upheaval, and the roles of major leaders and ordinary citizens.Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 150. Catholicism in U.S. History. 3 hours.
The Catholic experience in the United States from its colonial origins to the present. Course Information: Same as CST 150 and RELS 150. *UIC GE US Society course*.

HIST 161. Introduction to Latin American History. 3 hours.
Introduction to major themes in Latin American history from pre-Colombian society and the European conquest to the present. Course Information: Same as LALS 161. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 170. The Ottoman Empire. 3 hours.
Introductory survey of the Ottoman Empire from the fourteenth century to World War I, with emphasis on its structure and governance in a global perspective. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 177. Middle Eastern Civilization. 3 hours.
Introduction to the culture and society of the Middle East, with special attention to the development of Islam and the consequences of westernization. Course Information: Same as RELS 177. Course is offered in both face-to-face and hybrid/ online formats. Check the class schedule for details. When taught online or hybrid, students will be required to have reliable internet access and a means for accessing it (computer preferable). Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 199. Chicago and the World. 3 hours.
Introduction to American history, key institutions, culture, and society through the lens of Chicago as a global city. Introduction to the college experience and development of key academic skills. Course Information: Field trips required at a nominal fee.

HIST 200. Gandhi: The History and Practice of Nonviolence. 3 hours.
The history of Gandhian practice of nonviolent resistance through a variety of thinkers and movements.Course Information: Same as GLAS 200. Recommended Background: ENGL 160 or completion of any 100-level history course. *UIC GE Past course*.

HIST 202. Ancient Greece. 3 hours.
Greece from the Mycenaean through the Hellenistic periods; political, social, economic, and religious life of the Greek city-state and the Hellenistic kingdoms. Course Information: Same as CL 202. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 203. Ancient Rome. 3 hours.
History of Rome from its origins to the end of the Roman Empire; emphasis on transformation of Rome from city-state to world empire, with attention to social, cultural, and economic background. Course Information: Same as CL 203. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 204. Greek Art and Archaeology. 3 hours.
Contributions of archaeological excavations to the study of ancient Greece, 600 BC to 31 BC. Architecture, sculpture and painting in their social and historical contexts. Course Information: Same as AH 204, and CL 204. Credit is not given for HIST 204 if the student has credit in CL 215. Taught in English. *UIC GE Creative Arts course, and UIC GE Past course*.

HIST 205. Roman Art and Archaeology. 3 hours.
Contributions of archaeological excavations to the study of ancient Rome and her empire 1000 BC-400 AD. Architecture, sculpture and painting in their social and historical contexts. Course Information: Same as AH 205, and CL 205. *UIC GE Creative Arts course, and UIC GE Past course*.

HIST 208. History of Science in a Global Context. 3 hours.
A survey of the history of science from the 16th century to the present. From colonial science to atomic diplomacy and entrepreneurial science, this course explores how certain spaces, practices, and people—but not others—came to be called scientific. Course Information: Recommended background: Completion of any 100-level history course. *UIC GE Past course*.

HIST 209. The Byzantine Empire. 3 hours.
The East Roman Empire from its creation by Diocletian and Constantine to its conquest by the Ottoman Turks. Course Information: Same as GKM 209.

HIST 210. Asian American Histories. 3 hours.
Introduction to the main historical events that define the Asian experience in the United States, from the mid-nineteenth century to the present. Course Information: Same as GLAS 210. *UIC GE Individual and Society course, and UIC GE US Society course*.

HIST 211. The Dawn of European Modernity, 1500-1715. 3 hours.
Social, economic, political, and cultural analysis of western Europe in the sixteenth and seventeenth centuries, from the Renaissance to the Enlightenment. Course Information: 3 hours.Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discusion and one Discussion. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 212. Europe: 1715 to 1815. 3 hours.
Europe from the death of Louis XIV to Napoleon's fall, with special emphasis on building of states, urban development, and political change.

HIST 213. Europe in the Age of Capitalism and Imperialism, 1815 - 1914. 3 hours.
Introduction to the history of Europe from the Congress of Vienna to World War I. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 214. Twentieth-Century Europe. 3 hours.
Social, political, cultural, and economic changes in Europe including: WWI, Great Depression, rise of totalitarian states, WWII, the Cold War, rise and fall of communist states, and the European Union. Course Information: Prerequisite(s): ENGL 161. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 215. Techno-Orientalism: Race, Media and Society. 3 hours.
An investigation of the historical entanglements of race, politics, and technoscience in the Pacific world from the 19th century to the present. Throughout, we examine representations of Asian and Asian American cultures of science and technology. Course Information: Same as GLAS 215. Prerequisite(s): Grade of C or better in GLAS 100; or consent of the instructor. *UIC GE Past course*.

HIST 217. Introduction to United States Military History. 3 hours.
Analytical study of American military history, doctrine, strategy, and tactics from their origin through the present. Emphasis on leadership, strategy, the principles of war, and growth of the military in the US. Course Information: Same as MILS 217. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE Past course*.

HIST 218. Pompeii: Everyday Life in a Roman Town. 3 hours.
Examination of the Roman town of Pompeii, including its history, society, politics, economy, religion, art, architecture, and entertainments. Course Information: Same as AH 218 and CL 218. *UIC GE Past course*.

HIST 219. Sport in the Ancient World. 3 hours.
Survey of Greek and Roman sport from the Bronze Age to the demise of pagan athletic festivals in late antiquity (c. fifth century CE). Course Information: Same as CL 219.

HIST 220. Modern Germany, 1848 to the Present. 3 hours.
Unification and industrialization in the nineteenth century; world wars and the development of the two Germanies in the twentieth century. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 221. The Atlantic Slave Trade. 3 hours.
Thematic social, cultural and economic history tracing rise and fall of Atlantic slave trade from African supply systems to New world consumption 1550-1880 with focus on slave experiences. Course Information: Same as BLST 221. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 222. England to 1689. 3 hours.
England from the Celtic immigration to the Glorious Revolution. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Past course*.

HIST 223. Modern Britain Since 1689. 3 hours.
History of Britain from the Glorious Revolution to the present. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Past course*.

HIST 224. France: 1500 to 1715. 3 hours.
French society, culture and politics, 1500-1715. It traces the development of the French monarchy and its relation to its subjects from the Renaissance to Versailles, with special emphasis on the period's cultural production and self-image. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 225. The Age of Revolution in France: 1715-1848. 3 hours.
Major political, social, and economic forces in French history 1715 to 1848, including the Ancien Regime, the Enlightenment, the French Revolution, Napoleon, and the Restoration. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 226. France and the World, 1848-present. 3 hours.
The history of France and its empire from 1848 to today. Takes a global approach to exploring the influence of political revolution, state building, imperialism, World Wars, decolonization, and immigration in modern France. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 228. The Making of Modern Germany: The Nation in the World, 1750-1918. 3 hours.
Examination of the history of the Germans in Central Europe and beyond, from 1750 to 1918. The course considers the multifaceted processes of nation-building in politics, socioeconomic, and especially culture, in a global context. Course Information: Same as GER 228. Taught in English. *UIC GE Past course*.

HIST 229. Black Diaspora Studies. 3 hours.
Interdisciplinary, in-depth study of the making of the African Diaspora--the forced and voluntary movement of African peoples around the globe. Topics may vary. Course Information: Same as BLST 229. May be repeated to a maximum of 9 hours. Prerequisite(s): BLST 100; or BLST 101.

HIST 231. Politics and Society of China. 3 hours.
Main issues of contemporary Chinese politics and social change; the decline of the last imperial dynasty; the republican era; the rise of communism and China under the rule of Mao Zedong; and the reform period (post-1978). Course Information: Same as GLAS 231 and POLS 231. Recommended background: POLS 130 or INST 130.

HIST 232. The Religious World of the Earliest Christians. 3 hours.
Explores the religious world of the earliest Christians, focusing on the ways in which early Christian ideas and practices arose out of the cultures, religions, and philosophies of the ancient Mediterranean basin. Course Information: Same as CL 232 and RELS 232. *UIC GE Past course*.

HIST 233. East Central Europe and the Balkans: From Empires to Nation-States. 3 hours.
Political, socioeconomic, and cultural developments in East Central Europe and the Balkans between the German and Russian states from the medieval period to the present. Course Information: Prerequisite(s): ENGL 161. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 234. The Making of Modern Poland. 3 hours.
Exploration of political, socioeconomic, and cultural developments since the first Polish state, the union with Lithuania, the struggle for independence, and Communist rule to the present. Course Information: Same as POL 234. Prerequisite(s): ENGL 160 or completion of any 100-level history course. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 235. The Rise and Fall of Communism in Eastern Europe. 3 hours.
History of state socialism in east central and southeastern Europe from the establishment of communist regimes in 1945 to their collapse in 1989 and early years of transition. Course Information: Prerequisite(s): ENGL 161. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 236. Russia Between Europe and Asia: Eurasian Spaces and Peoples in the Premodern Era. 3 hours.
Survey of major political, social, economic, and cultural developments from the beginnings of Russian history to the Napoleonic invasion. Course Information: Prerequisite(s): ENGL 161. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 237. The Russian Empire in the Modern Period: History, Culture and the Challenges of Diversity. 3 hours.
Major political, social, and cultural developments in the Russian empire from the time of Peter the Great to the collapse of imperial Russia in October of 1917. Course Information: Prerequisite(s): ENGL 161; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 238. Russia from Vladimir Lenin to Vladimir Putin. 3 hours.
Survey of political, economic, social, and cultural development in Russia from the Revolutionary era until the present day with an emphasis on the emergence and collapse of the USSR. Course Information: Prerequisite(s): ENGL 161. *UIC GE Past course*.

HIST 239. Twentieth-Century Russia in Film. 3 hours.
Survey of social, political and cultural development of the Russian Empire and Soviet Union through the use of film as a historical source. Course Information: Same as MOVI 239 and RUSS 239. Prerequisite(s): ENGL 160 or completion of any 100-level history course. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course*.

HIST 240. Radicalism in America: From the Revolution to Occupy Wall Street. 3 hours.
The course is a sweeping survey of radical political movements and ideas in the United States from the American Revolution to the present. Course Information: Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

HIST 241. Precolonial Africa in World History. 3 hours.
The history of African societies in the period before 1850 through the rise of kingdoms and territorial states, migration of peoples, the spread and impact of Islam, and west African trading networks. Course Information: Same as BLST 241. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 242. History of Modern Africa. 3 hours.
The effect of European partition and colonialism; African military and political resistance; economic imperialism; the rise of nationalism; the problems of independence. Course Information: Same as BLST 242. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 243. Black Lives in Historical Context. 3 hours.
Interdisciplinary survey of key episodes in black history and their relationship to contemporary black life such as slavery, abolition and resistance. The course will draw connections between historical and current aspects of black life. Course Information: Same as BLST 246. *UIC GE Past course, and UIC GE US Society course*.

HIST 244. Native American History. 3 hours.
Survey of the history of Native North Americans from ancient to recent times, emphasizing peoples and events in what became the United States. Topics include politics, economics, diplomacy, religion, gender, race, and agency. Course Information: Same as NAST 244. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course*.

HIST 245. Imagining the American West. 3 hours.
Survey of the political, economic, and social history of US western societies, beginning with colonization and ending with the present with special attention to persistent myths about the region. Course Information: Prerequisite(s): ENGL 161. *UIC GE Past course, and UIC GE US Society course*.

HIST 246. History of American Capitalism. 3 hours.
Survey of the political, economic, cultural, and social history of capitalism in colonial British America and the United States, with special attention to property, labor, finance, public policy, ideology, and class relations. Course Information: Same as POLS 246. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

HIST 247. African American History to 1877. 3 hours.
Survey of major social, economic, political, and cultural developments in African American history from the rise of the Atlantic Slave Trade to Reconstruction. Course Information: Same as BLST 247. Prerequisite(s): One course in Black Studies or History; or consent of the instructor. *UIC GE Past course, and UIC GE US Society course*.

HIST 248. African American History since 1877. 3 hours.
Survey of major social, economic, and political developments in African American history since Reconstruction. Topics include Jim Crow, black leadership, migration, civil rights and nationalism. Course Information: Same as BLST 248. Prerequisite(s): One course in Black Studies or History, or consent of the instructor. *UIC GE Past course, and UIC GE US Society course*.

HIST 249. The American Civil War. 3 hours.
The social, economic, and military events leading up to, during, and after the American Civil War. Course Information: Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

HIST 251. War, Society, and Institutions Since 1815. 3 hours.
Introduction to the global contexts and historical conditions of warfare in the modern era and how societies and individuals experience conflict. *UIC GE Past course*.

HIST 252. Sexuality in America: Historical Perspectives. 3 hours.
Sexuality as a force in U.S. history. Topics include Victorianism, marriage and courtship, sexual subcultures, censorship and purity crusades, popular culture, and various "sexual revolutions." Course Information: Same as GWS 252. *UIC GE Past course, and UIC GE US Society course*.

HIST 253. The Worker in American Life. 3 hours.
Introduction to the major historical transformations in the lives of American working people and the ideas, movements and organization through which they have defined a collective response to changing conditions. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE US Society course*.

HIST 255. History of Chicago. 3 hours.
The development of Chicago from frontier outpost to post-industrial metropolis; economic, social, political, and cultural changes and institutions; suburbanization and deindustrialization. Course Information: Course is offered in both face-to-face and hybrid/ online formats. Check the class schedule for details. When taught online or hybrid, students will be required to have reliable internet access and a means for accessing it (computer preferable). Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

HIST 256. Religion in American History. 3 hours.
A survey of the varieties of religious experience in American history from the sixteenth to the twentieth-first centuries, with emphasis on group formation and the social and cultural consequences of American religious diversity. Course Information: Same as RELS 256. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Past course, and UIC GE US Society course*.

HIST 257. U.S. Immigration History. 3 hours.
History of European, African, Asian and Latin American immigration to the U.S. from the colonial era to the present. Examines how ethnicity, race, gender, and age shaped immigrants' experiences and U.S. immigration law and policy. *UIC GE Past course*.

HIST 258. Topics in Intellectual History. 3 hours.
Intellectual history, focusing on the development of ideas in their political, social and cultural contexts or the relationship between diverse fields, such as science, philosophy and religion. Course Information: May be repeated if topics vary. Consent of the instructor required to repeat course.

HIST 259. Women and Gender in American History. 3 hours.
Cultural, social, economic developments of gender relationships and women's lives from the seventeenth century to the present; political and ideological responses; feminism. Course Information: Same as GWS 259. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Past course, and UIC GE US Society course*.

HIST 260. Roots of K-Pop: Popular Culture in Modern Korean History. 3 hours.
Critical examination of popular culture and music as a window into major historical events in modern Korea and Korean diaspora. Course Information: Same as GLAS 260 and MUS 260. Recommended background: Grade of C or better or concurrent registration in GLAS 100 or Grade of C or better or concurrent registration in GLAS 120. *UIC GE World Cultures course*.

HIST 261. Latin America to 1850. 3 hours.
Provides a survey of the pre-Columbian and early national periods in Latin America. Course Information: Same as LALS 261. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 262. Latin America Since 1850. 3 hours.
Provides an introduction to Latin American socioeconomic, political, and cultural development since 1850 with emphasis on major countries and regions. Course Information: Same as LALS 262. Course is offered in both face-to-face and online formats. Check the class schedule for details on specific sections. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 263. Black Intellectual History. 3 hours.
Key debates and contributions of black thought to national and global politics and culture since the 19th century. Course Information: Same as BLST 263. Prerequisite(s): BLST 100. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 264. The Pacific Rim in Modern History. 3 hours.
Critical examination of the connected histories of various societies in the modern Pacific Rim world, including the American West, Asia, and Latin America, since the nineteenth century. Course Information: Same as GLAS 264. Prerequisite(s): ENGL 161. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 266. Modern Mexico. 3 hours.
Provides an introduction into the social, cultural, and political history of Mexico from the decades after independence to the present. Course Information: Same as LALS 266. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 267. American Intellectual History to 1865. 3 hours.
Major issues in American intellectual history from the contacts of culture begun by European exploration on the land now known as the United States to the end of the American Civil War in 1865. Course Information: Same as POLS 267. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

HIST 268. American Intellectual History since 1865. 3 hours.
Major issues in American intellectual history and the history of ideas from the end of the Civil War to the present. Course Information: Same as POLS 268. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

HIST 269. History of Central America. 3 hours.
The human and territorial characteristics of Central America, including facets of Spanish colonialism and the history of revolutions and modernity in the region, including a history of U.S. - Central American relations. Course Information: Same as LALS 268. Prerequisite(s): Completion of the English composition requirement. *UIC GE Past course*.

HIST 271. Late Imperial China: 1500 to 1911. 3 hours.
A detailed survey of China's late imperial period, covering a broad range of issues from state institutions and elite power, to popular culture and peasant revolt. Course Information: Same as GLAS 271. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 272. China Since 1911. 3 hours.
Twentieth-century China from 1911 to the present, including warfare; areas of intellectual inquiry; changes in government, family, and the role of women. Course Information: Same as GLAS 272. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 274. Cultures of Global Vietnam. 3 hours.
Vietnamese American histories, culture, politics, and creative arts in comparative, relational, and transnational perspectives. Emphasis on artists, activists, and scholars living in Vietnam and in the diaspora. Course Information: Same as ANTH 274 and GLAS 274. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

HIST 275. History of South Asia to 1857. 3 hours.
South Asian history from the earliest times to 1857, in regional and global contexts. Course Information: Same as GLAS 275. Course is offered in both face-to-face and hybrid/online formats. Check the class schedule for details. When taught online or hybrid, students will be required to have reliable internet access and a means for accessing it (computer preferable). Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 276. Modern South Asia, 1857 to the Present. 3 hours.
Examines anti-colonial resistance to British rule starting with the 1857 Revolt, Indian nationalism, and the formation of independent nation-states in South Asia. Course Information: Same as GLAS 276. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 277. The Middle East to 1258. 3 hours.
Middle Eastern history from the seventh to thirteenth centuries; emphasis on Muhammad's impact; major political, cultural, and intellectual developments. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 278. The Middle East Since 1258. 3 hours.
Medieval Islamic gunpowder empires and their decline; the challenge of Western hegemony; the emergence of nation states; the costs of modernity; the resurgence of Islam. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

HIST 281. Topics in Social History. 3 hours.
Specific topics are announced each term. Course Information: May be repeated if topics vary.

HIST 282. Global Enlightenment: Empire and the 18th-Century European Imagination of the World. 3 hours.
The Enlightenment in Europe (c. 1720-1806) in an explicitly global context, which makes links with Asia, the Americas, and Africa. Course Information: Prerequisite(s): ENGL 160 or completion of any 100-level history course. *UIC GE Individual and Society course, and UIC GE Past course*.

HIST 283. Topics on Environmental History. 3 hours.
Topics in environmental history at the introductory level. Courses offered will examine environmental processes as they interact with the human environment, trade and politics at the local, national and/or international levels. Course Information: May be repeated if topics vary.

HIST 284. Topics in the History of Women. 3 hours.
Special topics are announced each term the course is offered.

HIST 285. Cultural History of Modern Greece: 1453 to the Present. 3 hours.
Survey of the cultural history of modern Greece, from the end of the Byzantine Empire in 1453 to the end of the present. Course Information: Taught in English. Same as GKM 285. *UIC GE Past course*.

HIST 286. Modern Greek Cities: Historical-Ethnographic Studies. 3 hours.
This course is designed as an historical and ethnographic survey of the communities and culture of Modern Greek urban centers, from the early modern period to the present. Course Information: Taught in English. Same as GKM 286. *UIC GE Past course*.

HIST 288. History of Modern Puerto Rico. 3 hours.
Survey of political and socioeconomic history from 1868 to the present. Course Information: Same as LALS 288.

HIST 289. Latina/o History. 3 hours.
Latinas/os in the United States from the colonial era to the present. Empire and imperialism, migration and citizenship, diversity and community formation, politics, labor, activism, and transnational ties to Latin America. Course Information: Same as LALS 289. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course*.

HIST 290. Mexican-American History. 3 hours.
The political, social, economic, and cultural development of the Mexican people in the U.S. from colonial times until the present. Course Information: Same as LALS 290. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

HIST 292. History and Theories of Feminism. 3 hours.
An introduction to feminist theory and practice throughout the world from the 19th century to the present. Course Information: Same as GWS 292. Recommended background: GWS 101 or GWS 102.

HIST 293. The Gilded and the Gritty: Power, Culture, and the Making of 20th-century America. 3 hours.
The making of modern America in relation to the larger world and engagement with the larger world. Issues of race, class, gender, immigration, and economic development. Course Information: Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

HIST 294. Topics in Catholic History. 3 hours.
An investigation of the impact of human migration and cultural pluralism on Catholicism and an analysis of the role of the Catholic Church in group relations. Topics will vary. Course Information: Same as CST 294 and RELS 294. May be repeated if topics vary.

HIST 296. Fascism and Dictatorship in Southern Europe and the Mediterranean. 3 hours.
Establishment of fascist and authoritarian regimes in 20th-century Spain, Italy and Greece. Fascist ideology, leadership cult, mass politics, violence and propaganda, uses of antiquity, resistance and consent, legacy and memory of fascism. Course Information: Same as GKM 296 and POLS 296. Taught in English. Prerequisite(s): ENGL 161. *UIC GE Past course*.

HIST 300. History Methods Colloquium. 3 hours.
Research methodology and analytical writing in the field of history. Students will write and revise at least 3 papers over the course of the semester. Required of all history majors. Course Information: May not be repeated for credit. Prerequisite(s): History major with 9 hours of history credit. Majors are encouraged to take this course as soon as they become eligible.

HIST 320. Teaching History and the Related Disciplines. 3 hours.
Methods and materials for teaching history and the related disciplines in the secondary schools. Includes field experiences in the learning and teaching of history. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Practice.

HIST 394. Topics in Catholic History and Culture. 3 hours.
Exploration of various topics in Catholic history and culture. Course Information: Same as CST 394 and RELS 394. Prerequisite(s): One course in history or Catholic studies; or consent of the instructor.

HIST 398. Honors Project. 3 hours.
Student will complete an independent honors thesis project under the supervision of a faculty sponsor. Course Information: No more than 6 hours of credit allowed in combination of HIST 398 and 399. Prerequisite(s): History major with junior or senior standing; cumulative GPA of 3.00; major GPA of 3.75; and departmental approval. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

HIST 399. Independent Study: Special Topics. 3 hours.
Selected topics for individual study. Course Information: May be repeated to a maximum of 9 hours. Students may register in more than one section per term. If taken in conjunction with HIST 398, the maximum allowed is 6 hours of credit. Prerequisite(s): Consent of the instructor prior to registration. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

HIST 400. Topics in Ancient History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 401. Topics in Greek History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as CL 401. 3 undergraduate hours. 4 graduate hours. May be repeated. Prerequisite(s): 3 hours of history or classics.

HIST 403. Queer Histories. 3 or 4 hours.
Lesbian/gay studies; issues in the history of (homo)sexuality; cultural and historical analysis of same-sexuality in several periods, including our own. Course Information: Same as GWS 403. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or consent of the instructor.

HIST 405. Herodotus and His World. 3 or 4 hours.
Examines the Histories of Herodotus - both the text and the culture of Classical Greece compared to the Near East and Egypt. Course Information: Same as CL 405. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Sophomore standing or above.

HIST 406. Topics in Medieval History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history, or junior standing or above, or consent of the instructor.

HIST 407. The Power of the Image: Roman Sculpture as Propaganda. 3 or 4 hours.
Historical and thematic examination of the use of Roman sculpture, by emperors and private individuals of all social classes, as an instrument of personal and political propaganda. Course Information: Same as AH 407 and CL 407. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): one of the following courses: AH 204, AH 205, AH 110, CL 101, CL 103, CL 203, CL 204, CL 205, HIST 203, HIST 205; or consent of the instructor.

HIST 408. Athenian Democracy and Society in the Age of Aristophanes. 3 or 4 hours.
A careful examination of the comedies of Aristophanes, his acute criticism of Athenian politics, and his account of the war between Athens and Sparta. Course Information: Same as CL 408. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CL 202. Recommended background: one of the following courses: CL 251, CL 252, CL 405 or HIST 405.

HIST 409. Topics in Early Modern European History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 410. Topics in Modern European History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 411. Topics in the History of Revolutions. 3 or 4 hours.
Examination of anti-colonial and modern revolutions. The ways in which politics, religion, race and ethnicity, and class informed revolutionary movements. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Students may register in more than one section per term. Course is offered in both face-to-face and hybrid/online formats. Check the class schedule for details. When taught online or hybrid, students will be required to have reliable internet access and a means for accessing it (computer preferable). Prerequisite(s): 3 hours of Latin American history, or consent of the instructor.

HIST 415. American Indian Ethnohistory. 3 or 4 hours.
Introduction to ethnohistory, an interdisciplinary approach to researching, conceptualizing, and writing American Indian history. The course is organized topically and centers on classic and current monographs and articles. Course Information: Same as NAST 415. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above and consent of the instructor. Recommended background: Courses in Cultural Anthropology, American Indian Anthropology, American Indian Literature.

HIST 418. Topics in German History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as CEES 418. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of European history, or consent of the instructor.

HIST 419. Teaching Civics Literacy. 3 or 4 hours.
Methods course to teach civic literacy in middle school and secondary education. Course Information: 3 undergraduate hours. 4 graduate hours. Course is offered in both face-to-face and hybrid formats. Check the class schedule for details on specific sections each semester. When hybrid, reliable internet access and a means for accessing it (computer preferable) are required.

HIST 420. Teaching the Social Sciences. 3 or 4 hours.
This course focuses on acquiring and practicing the skills for teaching the social sciences at the secondary level within the context of history. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): 9 hours of credit in the social sciences and approval of the instructor.

HIST 421. Topics in British and Irish History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 6 hours of history or consent of the instructor.

HIST 424. Topics in French History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): One 200-level course in French or European history or consent of the instructor.

HIST 425. Becoming European: Race, Nation, and Migration in Modern Europe. 3 or 4 hours.
Explores how ideas of race, nation, and citizenship have shaped European politics and society since the 19th century. Topics include nationalism, eugenics, race and empire, antisemitism, and the Holocaust. Course Information: 3 undergraduate hours. 4 graduate hours. Recommended Background: Completion of any 100-level history course.

HIST 429. Topics in Italian History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 433. Topics in Eastern European History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as CEES 433. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of European history or consent of the instructor.

HIST 435. Topics in Russian History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as CEES 435. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of European history or consent of the instructor.

HIST 437. The Indian Ocean World: Contact, Commerce, Culture. 3 or 4 hours.
The movement of people, goods, religious movements and ideas, throughout the Indian Ocean region from earliest times to the colonial era. Course Information: Same as ANTH 436 and GLAS 437. 3 undergraduate hours. 4 graduate hours.

HIST 438. Women in South Asian History. 3 or 4 hours.
A study of the diversity of women's experiences in South Asia in a range of social, cultural, and religious contexts from the ancient period to the present. Course Information: Same as GLAS 438 and GWS 438. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): 3 hours of History or consent of the instructor.

HIST 440. History Research Seminar. 3 hours.
Conceptualizing, researching, and writing an individual research project based on primary sources. Course Information: Prerequisite(s): HIST 300. Recommended background: At least one 400-level history course.

HIST 441. Topics in African History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as BLST 441. 3 undergraduate hours. 4 graduate hours. May be repeated. Prerequisite(s): 3 hours of African history, Black Studies, or consent of the instructor.

HIST 451. Topics in Colonial American History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of U.S. history or consent of the instructor.

HIST 453. Topics in Nineteenth-Century United States History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 454. Topics in Twentieth-Century United States History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of U.S. history or consent of the instructor.

HIST 457. Childhood and Race in U.S. History. 3 or 4 hours.
Examines the experiences of minority children in the US from the colonial period to the present. Focuses primarily on the racialization of youth and minors' access to the rights of childhood across U.S. history. Course Information: Prerequisite(s): 3 hours of History courses. Recommended background: completion of a 200-level History course.

HIST 461. Topics in Latin American History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as LALS 461. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history, Latin American and Latino studies, or consent of the instructor.

HIST 462. AIDS, Politics and Culture. 3 or 4 hours.
Introduction to the study of AIDS as a medical, social, political and cultural construction. Explores the epidemiology of AIDS, the politics of the state¿s response, how activists have addressed AIDS, and media representations of AIDS. Course Information: Same as GWS 462. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): GWS 101 or GWS 102 or GWS 203 or GWS 214 and junior standing or above; or consent of the instructor.

HIST 465. Asian Diasporas in Latin America. 3 or 4 hours.
Examines Asian migration to Latin America, covering topics such as labor and economic systems, transnational networks, community building, racism, identity, and serial migration. Course Information: Same as GLAS 465 and LALS 465. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in GLAS 100 or Grade of C or better in HIST 161. Recommended background: HIST 264.

HIST 472. Issues and Events in Twentieth-Century China. 3 or 4 hours.
Covers the events, places, people, political movements, ideologies, and issues that shaped twentieth-century China, and considers different approaches to the writing of that history. Course Information: Same as ASST 472. 3 undergraduate hours. 4 graduate hours. Recommended background: Previous course work in Chinese history at the 100 or 200 level.

HIST 473. Topics in East Asian History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as GLAS 473. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of East Asian history or consent of the instructor.

HIST 475. Educational Practice with Seminar I. 6 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

HIST 476. Educational Practice with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, credit or concurrent registration in HIST 475, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

HIST 477. Topics in Middle Eastern History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 478. Women in Chinese History. 3 or 4 hours.
Focuses on scholarship on women in Chinese society throughout history, dealing with topics such as marriage and family, literacy, career options, women in revolution and the historiography of the field. Course Information: Same as ASST 478, and GWS 478. 3 undergraduate hours. 4 graduate hours. Recommended background: Previous course work in Chinese history or women's studies.

HIST 479. Culture and Colonialism in South Asia. 3 or 4 hours.
Examines the emergence of colonial cultures of domination and resistance on the Indian subcontinent from the 18th century to 1947. Course Information: Same as ANTH 479 and GLAS 479. 3 undergraduate hours. 4 graduate hours.

HIST 481. Topics in Social History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 482. Topics in Migration History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 484. Topics in the History of Women. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as GWS 484. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history or gender and women's studies or consent of the instructor.

HIST 485. Topics in African American and Diaspora History. 3 or 4 hours.
African American history and/or history of the diaspora for students with significant background in the field. Topics vary. Course Information: Same as BLST 481. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): 3 hours of BLST history course or consent of the instructor.

HIST 487. Topics in the History of Sexuality. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours in history or consent of the instructor.

HIST 489. Topics in Military History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 490. Topics in Diplomatic History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 492. Topics in Intellectual History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 Hours of history.

HIST 494. Topics in Political History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history.

HIST 495. Topics in Religious History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as RELS 495. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history or consent of the instructor.

HIST 496. Topics in Race, Ethnic and Minority History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Prerequisite(s): 3 hours of history or consent of the instructor.

HIST 497. Topics in Cultural History. 3 or 4 hours.
Specific topics are announced each term. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history or consent of the instructor.

HIST 499. History Internship. 0-4 hours.
Practical experience working "in the field" with partner institutions such as museums, historical societies and/or archives. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may take HIST 499 as many times as they wish but will only receive credit toward their major or minor the first time they take it. Repeat courses will not replace other 400-level requirements. Field work required. Students interested in the internship should contact the course instructor or the Director of Undergraduate Studies, ideally the semester before they enroll in this course. The course will sometimes be offered in face-to-face format and sometimes in a hybrid format. Check the class schedule for details. When taught with an online component, reliable internet access and a means for accessing it (computer preferable) are required. Prerequisite(s): Approval of the Department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

Honors College Courses (HON)

Courses

HON 101. Freshman Orientation Seminar. 1 hour.
Introduction to UIC and Honors College opportunities and resources, with emphasis on strategies for success and current issues in higher education. Course Information: Satisfactory/Unsatisfactory grading only. *Honors course*.

HON 120. Honors Core in Understanding Individual and Society and Understanding the Past. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the individual and society and understanding the past. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE Individual and Society course, and UIC GE Past course*.

HON 121. Honors Core in Understanding Individual and Society and Understanding Creative Arts. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the individual and society and understanding the creative arts. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and UIC GE Creative Arts course, and Honors College Reg 1 course, and UIC GE Individual and Society course*.

HON 122. Honors Core in Understanding Individual and Society and Exploring World Cultures. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the individual and society and exploring world cultures. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE Individual and Society course, and UIC GE World Cultures course*.

HON 123. Honors Core in Understanding Individual and Society and Understanding U.S. Society. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the individual and society and understanding U.S. society. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE Individual and Society course, and UIC GE US Society course*.

HON 124. Honors Core in Understanding the Past and Understanding the Creative Arts. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the past and understanding the creative arts. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and UIC GE Creative Arts course, and Honors College Reg 1 course, and UIC GE Past course*.

HON 125. Honors Core in Understanding the Past and Exploring World Cultures. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes adress topics related to understanding the past and exploring world cultures. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE Past course, and UIC GE World Cultures course*.

HON 126. Honors Core in Understanding the Past and Understanding U.S. Society. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the past and understanding U.S. society. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE Past course, and UIC GE US Society course*.

HON 127. Honors Core in Understanding the Creative Arts and Exploring World Cultures. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the creative arts and exploring world cultures. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and UIC GE Creative Arts course, and Honors College Reg 1 course, and UIC GE World Cultures course*.

HON 128. Honors Core in Understanding the Creative Arts and Understanding U.S. Society. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the creative arts and understanding U.S. society. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and UIC GE Creative Arts course, and Honors College Reg 1 course, and UIC GE US Society course*.

HON 129. Honors Core in Exploring World Cultures and Understanding U.S. Society. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to exploring world cultures and understanding U.S. society. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE US Society course, and UIC GE World Cultures course*.

HON 130. Honors Core in Analyzing the Natural World and Understanding the Individual and Society. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to analyzing the natural world and understanding the individual and society. Course Information: May be repeated up to 1 time(s). *Honors course, and Honors College Reg 1 course, and UIC GE Individual and Society course, and UIC GE Natural World No Lab course*.

HON 131. Honors Core in Analyzing the Natural World and Understanding the Past. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to analyzing the natural world and understanding the past. Course Information: May be repeated up to 1 time(s). *Honors course, and Honors College Reg 1 course, and UIC GE Natural World No Lab course, and UIC GE Past course*.

HON 132. Honors Core in Analyzing the Natural World and Understanding the Creative Arts. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to analyzing the natural world and understanding the creative arts. Course Information: May be repeated up to 1 time(s). *Honors course, and UIC GE Creative Arts course, and Honors College Reg 1 course, and UIC GE Natural World No Lab course*.

HON 133. Honors Core in Analyzing the Natural World and Exploring World Cultures. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to analyzing the natural world and exploring world cultures. Course Information: May be repeated up to 1 time(s). *Honors course, and Honors College Reg 1 course, and UIC GE Natural World No Lab course, and UIC GE World Cultures course*.

HON 134. Honors Core in Analyzing the Natural World and Understanding U.S. Society. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to analyzing the natural world and understanding U.S. Society. Course Information: May be repeated up to 1 time(s). *Honors course, and Honors College Reg 1 course, and UIC GE Natural World No Lab course, and UIC GE US Society course*.

HON 140. Honors Core in Understanding the Individual and Society. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the individual and society. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE Individual and Society course*.

HON 141. Honors Core in Understanding the Past. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the past. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE Past course*.

HON 142. Honors Core in Understanding the Creative Arts. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding the creative arts. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and UIC GE Creative Arts course, and Honors College Reg 1 course*.

HON 143. Honors Core in Exploring World Cultures. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to exploring world cultures. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE World Cultures course*.

HON 144. Honors Core in Understanding U.S. Society. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to understanding U.S. society. Course Information: May be repeated to a maximum of 6 hours. *Honors course, and Honors College Reg 1 course, and UIC GE US Society course*.

HON 145. Honors Core in Analyzing the Natural World. 3 hours.
An interdisciplinary general education course designed around a central theme. Themes address topics related to analyzing the natural world. Course Information: May be repeated up to 1 time(s). *Honors course, and Honors College Reg 1 course, and UIC GE Natural World No Lab course*.

HON 200. Honors Lectures. 0 hours.
A series of special non-credit lectures arranged for honors students. Course Information: Satisfactory/Unsatisfactory grading only. *Honors course*.

HON 201. Honors Seminar. 1 hour.
A series of specially arranged seminars in different areas of interest. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 4 hours with approval. Approval to repeat course granted by the Honors College. Prerequisite(s): Enrollment eligibility may vary from section to section, depending upon topic. *Honors course*.

HON 202. Honors Tutoring. 0 hours.
Provides students with the opportunity to tutor students in approved subjects. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated with approval. Approval to repeat course granted by the Honors College. Prerequisite(s): Approval of the Honors College. *Honors course*.

HON 222. Honors Activity. 0 hours.
Honors work in an approved course or individual project. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Required each fall and spring term for all Honors College students; optional for Honors College students who complete an Honors activity during the summer session. *Honors course*.

HON 225. Honors Research. 0 hours.
Individual research not covered by standard courses under close supervision of a faculty member. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated with approval. Approval to repeat course granted by the Honors College. Prerequisite(s): Approval of the Honors College. *Honors course*.

HON 294. Honors Inquiries. 3 hours.
An in-depth exploration of issues confronting a topic of significance. Through reading and engaged discussion, students will learn substantive material as well as critical thinking skills. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Sophomore standing or above; or consent of the instructor. *Honors course*.

HON 301. Foundations for the Future. 1 hour.
This 1-hour seminar provides upper-level Honors students structured support, focusing on preparation for topics in four primary areas: (1) scholarship; (2) awards; (3) career/graduate schools; and (4) long-term future issues. Course Information: Satisfactory/Unsatisfactory grading only. *Honors course*.

HON 322. Honors Capstone Activity. 0 hours.
Independent, in-depth examination of an approved topic under the close supervision of a faculty advisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. *Honors course*.

HON 401. Advanced Honors Seminar. 3 hours.
Student, faculty, and invited guests act as partners in the in-depth exploration of a focused topic. This interaction is fostered though common readings, written assignments, and open discussions. Course Information: May be repeated to a maximum of 6 hours. Students may register for more than one section per term. Prerequisite(s): Sophomore standing or above and consent of the instructor. Graduate students may obtain instructor consent. Recommended background: HON 201. *Honors course*.

Human Nutrition (HN)

Courses

HN 100. Introduction to Nutrition: New Student Seminar. 2 hours.
Overview of nutrition emphasizing the key concepts of the discipline and the diverse range of careers in the field. Focuses on professional preparation.

HN 110. Foods. 3 hours.
The principles of food components, component interactions, food selection, preparation and service. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

HN 111. Food Handling and Safety. 1 hour.
Covers principles of safe food handling, sanitation and hygiene practices to prevent foodborne illnesses. Prepares students for eligibility for the Illinois and national sanitation certification examination. Course Information: Meets eight weeks of the semester.

HN 196. Nutrition. 3 hours.
Covers fundamental principles of nutrition as a science through examination of the relationship between diet and health. *UIC GE Natural World No Lab course*.

HN 201. Essentials of Nutrition, Physical Activity and Health Assessment. 3 hours.
Evidence-based tools and resources for using food and physical activity to maintain health and prevent chronic disease. Course Information: Credit is not given for HN 201 if the student has credit in HN 302. Prerequisite(s): HN 196; and approval of the department.

HN 202. Culture and Food. 2 hours.
Provides a perspective on factors that affect the development of food habits, similarities and differences across cultures, and how the use of foods provides a window to multiculturalism. Course Information: Previously listed as HN 302. *UIC GE World Cultures course*.

HN 203. Culture and Food Lab. 2 hours.
Practical application of accurately preparing, presenting, and modifying cultural specific foods. Course Information: Recommended background: Credit or concurrent registration in HN 202.

HN 213. Food, Health and Equity. 3 hours.
Explores the interconnectedness of food systems, health equity, healthcare systems, and societal structures through the lens of the socio-ecological model. *UIC GE Individual and Society course*.

HN 296. Nutrition and Physical Activity. 3 hours.
Integrates the fundamental principles of nutrition and physical activity to provide students with knowledge of proper nutrition for improving health, fitness and performance. Course Information: Prerequisite(s): HN 196 or consent of the instructor.

HN 300. Science of Foods. 3 hours.
Explores relationship between the chemical structure of food components and their functional properties and applications in food product development. Covers principles of food safety, sensory evaluation, food additives and fermentation. Course Information: Prerequisite(s): HN 111 or HN 110 or the equivalent or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

HN 302. Nutritional Assessment. 3 hours.
In-depth training of nutrition assessment tools that Registered Dietitians will use for measuring dietary intake and anthropometric measurements in different populations and in different settings. Course Information: Previously listed as HN 200. Credit is not given for HN 302 if the student has credit in HN 200. Prerequisite(s): HN 196.

HN 306. Nutrition Education. 3 hours.
Study of theoretical and applied strategies for instructional planning and assessment that are applied to both group and individual nutrition education. Prerequisite(s): HN 302 or HN 201; or approval of the department.

HN 307. Human Nutrition and Metabolism. 3 hours.
Human nutrient requirements and metabolism of carbohydrates, lipids, proteins, vitamins, minerals and non-nutritive substances found in foods. Course Information: Prerequisite(s): HN 196 and one semester of college level general chemistry; or consent of the instructor.

HN 308. Nutrition Science I. 3 hours.
Metabolism, dietary regulation and requirements for energy, protein, fat and carbohydrates, including issues of under/over nutrition and regulation of food intake. Course Information: Prerequisite(s): HN 196 and Credit or concurrent registration in CHEM 352 and Credit or concurrent registration in KN 230 and KN 231; and approval of the department.

HN 309. Nutrition Science II. 3 hours.
Continuation of HN 308. Metabolism, dietary regulation and requirements for micronutrients such as vitamins and minerals, including issues of under/over nutrition and regulation of food intake. Course Information: Prerequisite(s): HN 308.

HN 311. Nutrition During the Life Cycle. 3 hours.
Principles of nutrition through the life cycle, including weight management. Course Information: Prerequisite(s): HN 307; or HN 308 and HN 309.

HN 313. Introduction to Community Nutrition. 3 hours.
Assessment, planning and evaluation of community nutrition programs using a systems approach. Course Information: Previously listed as HN 413.

HN 318. Genetic, Molecular and Cellular Mechanisms of Chronic Diseases. 3 hours.
Addresses the most important mechanisms of pathogenesis, with an emphasis on chronic conditions. The role of inflammation and of genetic variability in modulating disease susceptibility will be addressed in detail. Course Information: Prerequisite(s): Grade of C or better in KN 230; and approval of the department.

HN 320. Clinical Nutrition I. 3 hours.
Principles of nutrition, biochemistry, physiology, and pathology related to the management of starvation, obesity and gastrointestinal diseases, cardiovascular disease, and diabetes. Course Information: Prerequisite(s): HN 308; and approval of the department.

HN 330. Quantity Food Production. 3 hours.
Lecture/discussion on kitchen layout and design, menu planning, food procurement, storage, production and service. Course Information: Field trips required at a nominal fee. Prerequisite(s): HN 110; or approval of the department.

HN 332. Food Service Management. 2 hours.
Application of management principles to food service system functions. Course Information: Prerequisite(s): HN 110.

HN 355. Supervised Practice I. 1-4 hours.
A supervised practicum in a professional setting to prepare for entry-level dietetics practice. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 8 hours. Prerequisite(s): Grade of C or better in HN 320 and senior standing; and approval of the department.

HN 394. Special Topics in Human Nutrition. 1-4 hours.
Selected nutrition topics. Topics vary from year to year and may include nutrition and physical activity, nutrition assessment, nutrition and behavior, nutrition education, food sustainability, or community engagement. Course Information: May be repeated. Students may register in more than one section per term.

HN 396. Independent Undergraduate Study in Human Nutrition. 1-4 hours.
Study in selected areas of human nutrition carried out under the direction of a faculty member. Exact nature of the project is determined by the selected area of interest. Course Information: Prerequisite(s): Consent of the instructor.

HN 405. Food as Medicine I: Cooking for Healing and Wellness. 2 hours.
A new disease state or medical diet will be covered each week and students will learn how to plan menus and prepare foods that are appropriate for each diet. Course Information: Prerequisite(s): HN 110.

HN 406. Food as Medicine II. 2 hours.
A wellness related diet, a disease state, or a medical topic will be covered each week. Students will learn how to plan menus and prepare foods that are appropriate to each diet. Course Information: Prerequisite(s): HN 110; and approval of the department This course is designed for undergraduate and graduate students majoring in nutrition.

HN 407. Writing Process in Nutrition. 2 hours.
Approaches writing as an instrument of thought and a tool of persuasion. Students will learn to effectively communicate nutrition information through writing. Course Information: May be repeated for credit. Prerequisite(s): ENGL 160 and ENGL 161; and junior standing or above; and approval of the department. Recommended Background: HN 196 and HN 110.

HN 410. Food Microbiology. 4 hours.
Discusses food-borne pathogens, toxins, and contaminants. Covers spoilage, pathogenic and beneficial microorganisms in the food industry and microbiological techniques for isolating and quantifying microorganisms of public health concern. Course Information: Prerequisite(s): Approval of the Department. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

HN 411. Food Analysis. 4 hours.
Principles and application of the chemical, physical and instrumental methods used to determine the constituents of foods. Course Information: Prerequisite(s): CHEM 222 and HN 300; and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

HN 412. Sensory Evaluation for Foods and Beverages. 2 hours.
Teaches the physiological and psychological basis of human subjects, chemistry of aroma and taste, basic sensory methodologies in food evaluation and analysis and interpretation of sensory data. Course Information: Prerequisite(s): Approval of the Department.

HN 413. Food Product Development. 3 hours.
Principles of food product development: target market evaluation, concept development and presentation, formulation, manufacturing, packaging, product costs, pricing, safety and marketing. Course Information: Prerequisite(s): HN 300; and approval of the department.

HN 414. Fermented Foods and Beverages. 2 hours.
Covers the health benefits and the chemistry and microbiology in making fermented foods and beverages. Course Information: Prerequisite(s): Approval of the Department.

HN 420. Clinical Nutrition II. 3 hours.
Principles of nutrition, biochemistry, physiology, pathology, education, and psychology related to management of selected diseases (diabetes, cancer, HIV/AIDS, renal diseases, and metabolic stress). Course Information: Prerequisite(s): HN 308; or approval of the department.

HN 422. Clinical Nutrition III. 2 hours.
Principles of nutrition, biochemistry, physiology, and pathology related to the management of critically ill patients. Course Information: Prerequisite(s): HN 309 and HN 420; or consent of the instructor.

HN 423. Nutrition Counseling. 3 hours.
Teaches theory and skill development for effective nutrition interviewing and counseling. Experiential opportunities to practice various counseling approaches are provided. Prerequisite(s): HN 302 or HN 201; or approval of the department.

HN 425. Sports Nutrition. 3 hours.
Designed to teach the foundations and application of sports nutrition, including how to assess, counsel and address the nutritional needs of athletes and active individuals. Course Information: Prerequisite(s): HN 302; and approval of the department.

HN 440. The Research Process in Nutrition. 3 hours.
Covers methods for reading and critiquing current scientific literature, overview of study designs used to address different types of research questions, basic overview of study design, data analysis and interpretation of results. Course Information: Prerequisite(s): HN 196; and approval of the department.

HN 455. Supervised Practice II. 1-11 hours.
An advanced supervised practicum in a professional setting to prepare for entry-level dietetics practice. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 15 hours. Prerequisite(s): Grade of C or better in HN 420 and senior standing or above; and approval of the department.

HN 480. Field Study. 2 hours.
Provides practical experience to develop/strengthen the student's knowledge and skills in an area of nutrition practice. Course Information: Prerequisite(s): HN 410; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Clinical Practice and one Conference.

HN 494. Special Topics in Human Nutrition. 1-4 hours.
Selected nutrition topics. Topics vary from year to year and may include nutrition and physical activity, nutrition assessment, nutrition and behavior, nutrition education, food sustainability, or community engagement. Course Information: May be repeated. Students may register in more than one section per term.

Humanities (HUM)

Courses

HUM 110. Introduction to the Humanities I: Critical Thinking, Writing, and Literature. 4 hours.
An exploration of modes of thought and self-expression through literature and philosophy. Topics will vary. Course Information: This course is open only to students in the Odyssey Project.

HUM 111. Introduction to the Humanities II: U.S. History and Visual Studies. 4 hours.
How humans experience, investigate, make, and represent the world. Course Information: Open only to students in the Odyssey Project.

HUM 120. Engaged Humanities: Understanding the Individual and Society. 4 hours.
An exploration of the complex relationship between the individual and society, with special attention given to the Chicago context and activities designed to develop student research and writing skills. Topics will vary. Course Information: Credit is not given for HUM 120 if student has credit in ENGL 161.This is a writing-intensive course with extensive practice in expository writing and revision. A grade of B or better in HUM 120 will satisfy the ENGL 161 requirement. Prerequisite(s): Grade of B or better in ENGL 160 or placement into ENGL 161. Open only to freshmen. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Individual and Society course*.

HUM 201. Topics in the Humanities. 3 hours.
Introduction to key concepts and ideas in the humanities. Students in this course may join the Engaged Humanities Initiative and receive funding for humanities research. Course Information: May be repeated to a maximum of 9 hours if topics vary. Prerequisite(s): ENGL 161; or HUM 120; or consent of the Engaged Humanities Initiative (https://ehi.uic.edu/).

HUM 210. Seminar in the Humanities. 3 hours.
Focuses on in-depth discussion of topics in the humanities and builds on methods introduced in HUM 110 and HUM 111. Course Information: Open only to students in the Odyssey Project. Prerequisite(s): HUM 110 and HUM 111; or consent of the instructor.

Industrial Engineering (IE)

Courses

IE 118. Energy for Sustainable Society. 3 hours.
Focuses on how energy systems work today and how they can work in a decarbonized sustainable future, while still meeting the critical energy needs of global developed and developing societies. Course Information: Same as ME 118. *UIC GE Individual and Society course*.

IE 198. Special Topics in Engineering Graphics. 1-4 hours.
Specific topics are announced each term. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Prerequisite may vary by section according to topic.

IE 201. Financial Engineering. 3 hours.
Principles and techniques of economic analysis in engineering; Financial decision making; Single and multi project selection techniques. Course Information: Prerequisite(s): MATH 181.

IE 312. Dynamic Systems and Control. 3 hours.
Dynamics of linear systems. Modeling of mechanical, electrical, fluid, and thermal systems. Analysis and design of feedback control systems. Analytical, computer and experimental solution methods. Time and frequency domain techniques. Course Information: Same as ME 312. Prerequisite(s): CS 109 and ECE 210 and MATH 220; and sophomore standing or above; or approval of the department.

IE 342. Probability and Statistics for Engineers. 3 hours.
Probability, random variables, mathematical expectation, discrete and continuous distributions, sampling distributions, estimation theory, and test of hypothesis. Course Information: Prerequisite(s): MATH 181.

IE 345. Regression Applications and Forecasting in Engineering. 3 hours.
Single and multiple regression analysis of variance, examination of residuals, introduction to time series analysis, and analytical forecasting techniques; application to engineering system. Course Information: Prerequisite(s): IE 342.

IE 348. Artificial Intelligence and Data Mining for Engineering Applications. 3 hours.
Provides a comprehensive understanding of artificial intelligence (AI), data analytics, and ethics in AI in the context of Operations and Industrial Engineering Applications. Course Information: Same as ME 348. Extensive computer use required. Prerequisite(s): IE 342.

IE 365. Work Productivity Analysis. 4 hours.
Operations analysis; man-machine relationship; motion study; micromotion study, time study; predetermined time systems; performance rating; standard data techniques; work sampling; wage payment plans. Course Information: Prerequisite(s): IE 342. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

IE 380. Materials and Manufacturing Process Principles. 3 hours.
Behavior of common engineering materials, such as metals, polymers, ceramics, and composites, and their attributes in the context of manufacturing processes. Interaction between materials, design, and manufacturing. Economics of manufacturing. Course Information: Same as ME 380. Prerequisite(s): CME 203 and CHEM 122 and CHEM 123.

IE 391. Industrial Engineering Practicum. 1 hour.
Provides students with the opportunity to apply the skills and knowledge gained in previous engineering courses within a professional, working environment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 1 hour awarded toward degree requirements. Prerequisite(s): Approval of the Department.

IE 392. Undergraduate Research. 1-3 hours.
Research under close supervision of a faculty member. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Consent of the head of the department.

IE 394. Senior Capstone Design. 4 hours.
Systematic approach to the design process. Creative problem solving. Design methodology and engineering principles applied to open-ended design problems with inherent breadth and innovation. Course Information: Same as ME 394. Credit is not given for IE 394 if the student has credit for ME 396 or IE 396. Prerequisite(s): Senior standing or above; or approval of the department.

IE 396. Senior Design I. 3 hours.
Systematic approach to the design process. Creative problem solving. Design methodology and engineering principles applied to open-ended design problems with inherent breadth and innovation. Course Information: Same as ME 396. Credit is not given for IE 396 if the student has credit in IE 444 or ME 444 or IE 445 or ME 445. Prerequisite(s): ME 347 and IE 201 and Credit or concurrent registration in ME 211 and Credit or concurrent registration in ME 370; or IE 201 and Credit or concurrent registration in IE 345 and Credit or concurrent registration in IE 365. Open only to seniors. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

IE 397. Senior Design II. 2 or 3 hours.
The systematic approach to the design process; creative problem solving; design methodology and engineering principles learned in ME 396 are applied to complete the Senior Design project. Course Information: Same as ME 397. Credit is not given for IE 397 if the student has credit for IE 444 or ME 444 or IE 445 or ME 445. Prerequisite(s): ME 396; or IE 396; and senior standing or above. Requires concurrent registration in ME 499 or IE 499.

IE 411. Mechatronics I. 0-4 hours.
Elements of mechatronic systems, sensors, actuators, microcontrollers, modeling, hardware in the loop simulations, real time software, Electromechanical systems laboratory experiments. Course Information: Same as ME 411. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Senior standing or above or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

IE 412. Dynamic Systems Analysis I. 3 or 4 hours.
Classical control theory, concept of feedback, laplace transform, transfer functions, control system characteristics, root locus, frequency response, compensator design. Course Information: Same as ME 412. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 308.

IE 441. Ergonomics and Human Factors. 3 or 4 hours.
The study of principles and techniques associated with ergonomic problems. Topics include human information input and processing, human output and control, and ergonomic considerations in safety. Course Information: Same as EOHS 441. Previously listed as IE 341. 3 undergraduate hours; 4 graduate hours. Prerequisite(s): Credit or concurrent registration in IE 342 or consent of the instructor.

IE 442. Design and Analysis of Experiments in Engineering. 0-4 hours.
Covers different methods for statistical design of engineering experiments, executing them and analyzing their results. Course Information: Prerequisite(s): IE 342. Class Schedule Information: To be properly registered, student must enroll in one Lecture-Discussion and one Laboratory-Discussion.

IE 444. Interdisciplinary Product Development I. 3 or 4 hours.
Systematic approach to the design process. Creative problem solving. Cross-functional teams (w/students from other departments/colleges) research and apply new product concepts to open-ended design problems. Course Information: Same as ME 444. 3 undergraduate hours. 4 graduate hours. Credit for IE 444 is not given if the student has credit in ME 396 or ME 397 or IE 396 or IE 397. Year-long (with IE/ME 445) project course. Prerequisite(s): ME 347 and IE 201; or IE 345 and IE 201; and senior standing or above; and consent of the instructor.

IE 445. Interdisciplinary Product Development 2. 4 hours.
Cross-functional teams (w/students from AD 420 and MKTG 594) research and develop new product concepts. Focus on solutions to the opportunities identified in IE/ME 444 to functional prototypes. Serves as a replacement for IE/ME 396. Course Information: Same as ME 445. Year-long (with IE/ME 444) project course. Prerequisite(s): IE 444 or ME 444; and senior standing or above; and consent of the instructor. Systematic approach to the design process. Creative problem solving. Cross-functional teams (w/students from other departments/colleges) research and apply new product concepts to open-ended design problems. Focus on solutions to the opportunities. Course Information: Same as ME 445. Credit is not given for IE 445 if the student has credit in ME 396 or ME 397 or IE 396 or IE 397. Year-long (with IE/ME 444) project course. Prerequisite(s): IE 444 or ME 444; and senior standing or above; and consent of the instructor.

IE 446. Advanced Quality Control and Reliability. 3 or 4 hours.
Principles of statistical quality control including control by variable and by attribute, construction and use of control charts for variables, fraction defectives and number of defects and use of standard plans, reliability and life cycle testing. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IE 342.

IE 461. Safety Engineering. 3 or 4 hours.
Human protection systems; accident and emergency handling; manufacturing and service hazard systems. Course Information: Same as EOHS 460. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IE 342 and IE 365; or consent of the instructor.

IE 463. Manufacturing Facilities Design and Material Handling. 3 or 4 hours.
Facilities design functions, computer-aided plant layout, facility location, warehouse layout Minimax location, deterministic and probabilistic conveyor models. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Credit or concurrent registration in IE 201 and Credit or concurrent registration in IE 345 and Credit or concurrent registration in IE 365 and Credit or concurrent registration in IE 472.

IE 464. Virtual Automation. 0-4 hours.
Fundamentals of manufacturing and automation modeling using CAD/CAM and computer-integrated manufacturing methods; concepts of virtual manufacturing; industrial robots and automated factory models within virtual environments. Course Information: Same as ME 464. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 107 or CS 108. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion, and one Laboratory.

IE 465. Manufacturing Information Systems. 0-4 hours.
Design and implementation of supervisory control and data acquisition systems; manufacturing systems controller and communication networks. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Senior or graduate standing, or consent of the instructor; and familiarity with computer programming. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

IE 466. Production Operation Analytics and Inventory Control. 3 or 4 hours.
Principles of production planning, master scheduling, job sequencing, design and control of deterministic and stochastic inventory systems, material requirement planning, and supply chain management. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IE 345 and Credit or concurrent registration in IE 472.

IE 467. Discrete Event Computer Simulation Application. 3 or 4 hours.
The solution of industrial application problems by means of discrete event computer simulation. Simulation model building. Input analysis. Output analysis. In depth study of some specific simulation programming languages, with projects. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IE 342.

IE 468. Virtual Manufacturing. 3 or 4 hours.
Virtual reality applications in manufacturing systems design, manufacturing applications of networked virtual reality, virtual reality modeling of occupational safety engineering. Course Information: Same as ME 468. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 107 or CS 108.

IE 471. Operations Research I. 3 or 4 hours.
Introduction to operations research, formulation of linear programming problems, simplex methods, duality theory, sensitivity analysis, network models, and integer linear programming. Course Information: 3 undergraduate hours. 4 graduate hours. No graduate credit for industrial engineering majors. Prerequisite(s): MATH 218 or MATH 310.

IE 472. Operations Research II. 3 or 4 hours.
Nonlinear programming problems, unconstrained optimization search techniques. Kuhn-Tucker theorems, quadratic programming, separable programming, meta heuristics, goal programming, and dynamic programming. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 107 or CS 109, and IE 471 or graduate standing.

IE 473. Stochastic Processes and Queuing Models. 3 or 4 hours.
Stochastic dynamic systems, queuing networks, probabilistic state transition models and nondeterministic decision making models. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IE 342 and Credit or concurrent registration in IE 471 and MATH 210.

IE 481. Additive Manufacturing Process. 3 or 4 hours.
Covers aspects of additive manufacturing. The types that are covered are generic process, design, vat photopolymerization, extrusion based, jetting, direct writing, 3D bio-printing, powder bed fusion, slicing, and data representation. Course Information: Same as ME 481. 3 undergraduate hours. 4 graduate hours. Recommended background: Manufacturing Processes.

IE 494. Special Topics in Industrial Engineering. 3 or 4 hours.
Particular topics vary from term to term depending on the interests of the students and the specialties of the instructor. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Prerequisite(s): Consent of the instructor.

IE 496. Undergraduate Senior Design Thesis I. 0-8 hours.
Introduction to the principles and practice of product design: specifications, evaluation of design alternatives, technical reports, and oral presentations, through independent design projects. Course Information: Same as ME 496. Credit only given to nondegree students. No graduation credit given to students enrolled in Engineering. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): Consent of the instructor.

IE 497. Undergraduate Senior Design Thesis II. 0-8 hours.
ntroduction to engineering design and research methods: design tools, product conception and development, simulation, prototyping, technical reports and presentations, literature survey and undergraduate thesis. Course Information: Same as ME 497. Credit only given to nondegree students. No graduation credit given to students enrolled in Engineering. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): Consent of the instructor.

IE 499. Professional Development Seminar. 0 hours.
Students are provided general information about their role as UIC MIE alumni in society and the role of the University in their future careers. Students provide evaluations of their educational experience in the MIE department. Course Information: Same as ME 499. Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to seniors; and approval of the department. Must be taken in the student's last semester of study.

Information and Decision Sciences (IDS)

Courses

IDS 200. Intro to Management Information Systems. 4 hours.
Introduction to concepts and application of information technology for solving business problems and supporting organizational functions. Includes hands-on instruction on use of computer-based productivity tools. Course Information: Previously listed as IDS 100. Class Schedule Information: During the fall and spring terms, combined section final exam will be held on Thursday of finals week from 3:30 to 5:30 p.m. To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

IDS 201. Introduction to Business Programming. 3 hours.
Disciplined computer-assisted problem solving. Structured programming, data types and data structures, modularization. Program design for business information- and decision-support. Course Information: Credit is not given for IDS 201 if the student has credit for MCS 260. Prerequisite(s): IDS 200 and MATH 160 or the equivalent courses. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

IDS 270. Business Statistics I. 4 hours.
Working with business data. Data summarization, visualization, business insights. Probability, sampling distributions, confidence intervals, hypothesis testing and introduction to linear regression. Use of software for data visualization and analysis. Course Information: Prerequisite(s): MATH 160 or an upper-level MATH course. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *IAI Major BUS course*.

IDS 312. Business Project Management. 3 hours.
An integrative approach to learning how projects contribute to the strategic goals of the organization. Major issues: selecting projects, project management techniques and tools, budgeting, monitoring, risk mitigation, and interpersonal skills.

IDS 313. Internet Applications in Business. 3 hours.
Internet business applications in entrepreneurship, finance, accounting, and marketing. Assessing business problems, planning Internet-based solutions, and understanding web tools. Students interested in further studies can continue with IDS 413.

IDS 314. AI Essentials for Business Professionals. 3 hours.
Offers an introduction to artificial intelligence (AI) and their transformative potential in business. Students will learn essential AI concepts while developing practical skills to apply AI tools to various business areas and problem types. Course Information: Extensive computer use required. Prerequisite(s): IDS 200.

IDS 331. Business Analysis Using Spreadsheets. 3 hours.
Analyzing business cases using spreadsheet software. Effective and efficient use of Excel. Spreadsheet automation using Visual Basic for Applications. Course Information: Extensive computer use required. Prerequisite(s): IDS 200. Recommended background: ACTG 210.

IDS 355. Operations Management. 3 hours.
Application of management sciences to the planning and design of production, distribution, and service systems. Course Information: Prerequisite(s): ENGL 161. Class Schedule Information: During the fall and spring terms, combined section final exam will be held on Thursday of finals week from 3:30 to 5:30 p.m. To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

IDS 371. Business Statistics II. 3 hours.
Continuation of statistical concepts, techniques for managerial decisions. Analysis of variance, multivariate regression, time series, statistical process control, non-parametric methods. Use of statistical software for data visualization, analysis. Course Information: Prerequisite(s): IDS 270 and MATH 165.

IDS 400. Programming for Data Science in Business. 3 or 4 hours.
Aims to provide students the knowledge and skills for designing and developing data science applications in various business areas, using a language such as Python. Focuses on programming constructs and use of functions and packages. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): IDS 201and basic knowledge of programming at the level of IDS 201 or equivalent. Recommended background: IDS 270.

IDS 401. Business Object Programming using Java. 0-4 hours.
Basic concepts in object-oriented programming such as objects, classes, class inheritance and interfaces, data abstraction and encapsulation, polymorphism, and dynamic binding. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 201 or the equivalent. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

IDS 403. Information Security. 3 or 4 hours.
Examine the field of information security to prepare students for their future roles as business decision-makers. Presents a balance of the managerial and technical aspects of information security. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 200 or the equivalent.

IDS 405. Business Systems Analysis and Design. 3 or 4 hours.
Theory of analysis, design and development of information systems; information management and database management systems; data management and analysis; case studies in systems implementation and evaluation. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 201 or IDS 331.

IDS 406. IDS Consulting Practicum. 3 or 4 hours.
Students interact with businesses or non-profit organizations to design and develop technology, business and analytics-related solutions in IDS areas. Experiential learning on all project phases from investigation and analysis, through presentation. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Knowledge of databases, programming, statistics; or consent of instructor. Recommended background: Senior standing; and familiarity with systems analysis and design.

IDS 410. Business Database Technology. 3 or 4 hours.
Computer software techniques used in business with emphasis on information management and database management systems. Data management and analysis. Major types of database management systems, query languages. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 201 or IDS 331. For BS in Data Science prerequisite is an equivalent course like CS 141.

IDS 412. Distributed Business Systems. 3 or 4 hours.
Organizational aspects and underlying concepts of distributed business systems, decentralization versus centralization issues, costs of distributed computing, and performance evaluation measures. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 201 or IDS 331; and credit or concurrent registration in IDS 410.

IDS 413. Internet Technology and Management. 3 hours.
The technologies of World Wide Web development. Topics include: TCP/IP, HTTP, HTML, HTML authoring, XML, ASP programming, client-side programming, and Web 2.0, web servers, database servers, business application servers and Internet. Course Information: Credit is not given for IDS 413 if the student has credit for IDS 424. Extensive computer use required. Prerequisite(s): IDS 201 or IDS 331; and IDS 410.

IDS 420. Business Model Simulation. 3 or 4 hours.
Simulation analysis of strategic business decision models for investment, marketing, product introduction, and operational policies concerning inventory, production planning, quality assurance and supply chain management. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Credit or concurrent registration in IDS 355; or credit or concurrent registration in IDS 331 or the equivalent.

IDS 422. Text Mining for Business Applications. 3 or 4 hours.
Text mining for business applications. It will cover document representation, text categorization and clustering, basic natural language processing techniques, sentiment analysis, probabilistic topic models and text visualization. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371 or FIN 330 or ECON 300 or ACTG 392 or STAT 382 or STAT 481; or consent of the instructor.

IDS 435. Optimization for Analytics. 3 or 4 hours.
Optimization methods for machine learning and data science applications in business, engineering, sciences. Core formulations and algorithms for continuous, discrete, dynamic optimization problems. Why algorithms work, and implementation of methods. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371 or FIN 330 or ECON 300 or ACTG 392 or STAT 382 or STAT 481 and knowledge of programming at the level of IDS 201 or equivalent.

IDS 437. Stochastic Methods. 3 or 4 hours.
Stochastic processes and other applications of probability theory. Use of spreadsheet and other software tools for analysis, simulation and decision theory. Models for business operations and planning, computer systems, transportation, finance. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 355 and IDS 371.

IDS 446. Decision Analysis. 3 or 4 hours.
Prior and posterior distributions; conjugate priors; value of information; applications to decision making in business. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371.

IDS 450. Supply Chain Planning and Logistics. 3 or 4 hours.
Covers concepts in designing, analyzing, improving, measuring and controlling logistics operations in modern supply chains. Students are presented with logistics concepts, techniques, planning tools, and case studies to facilitate learning. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): IDS 355; and IDS 454. IDS 454 can be taken as a corequisite; or consent of the instructor. Recommended background: Prior coursework/experience in operations management.

IDS 451. Enterprise Operations and Supply Chain Systems. 0-4 hours.
Provides an overview of how enterprise business systems operate and are used to manage operations and supply chains in order to make effective business decisions. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Extensive computer use required. Shows students how business processes integrate within an enterprise and across the supply chain. Prerequisite(s): IDS 200 and credit or concurrent registration in IDS 355; or credit or concurrent registration in IDS 532. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

IDS 452. Sustainability in Supply Chain Management and Operations. 3 hours.
A holistic view of sustainable supply chain operations is introduced. Issues such as pollution, climate change, energy, water scarcity are discussed. LCA analyses, IPAT equation, sustainability index, recycling are covered to address the issues. Course Information: Prerequisite(s): Concurrent registration in IDS 355. Recommended background: Prior coursework/experience in supply chain and operations management and proficiency in Excel.

IDS 453. Supply Chain Management: Sourcing and Procurement. 3 or 4 hours.
The course materials will focus on the fundamental tools, processes and techniques in sourcing and procurement strategies, contract negotiation and management, managing supplier relationships, evaluating supplier performance, and global sourcing. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 355 or IDS 532. Recommended background: Prior coursework/experience in supply chain management.

IDS 454. Introduction to Supply Chain Management. 3 or 4 hours.
Supply Chain Management is studied as an information-intensive, integrated system for managing material flows, logistics and inter-organizational partnership to deliver products and services. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 355.

IDS 455. Data-Driven Decisions for Sustainable Business. 3 or 4 hours.
Leverages an evidence and data-driven approach to convert sustainability goals into decisions, evaluating financial, environmental, and social impacts. Employs a risk-focused perspective to manage short- and long-term objectives. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): IDS 400 or equivalent.

IDS 457. Foundations for Sustainable Business. 3 or 4 hours.
Introduction to sustainable business foundations: setting sustainability goals and key performance indicators, governance, stakeholder engagement and communication, strategic operations, technology integration, financial accountability, and reporting. Course Information: Same as ACTG 457 and MGMT 457. Prerequisite(s): ENGL 161.

IDS 460. Causal Inference. 3 hours.
Conceptual foundations and methods for causal inference, using causal diagrams as well as the potential outcomes framework. Identification and estimation of causal effects in randomized control trials and observational studies. Course Information: Extensive computer use required. Prerequisite(s): STAT 481 or IDS 371; and STAT 382 or IDS 462. Recommended Background: Familiarity with statistical packages such as R, Stata, and/or SAS is recommended.

IDS 462. Statistical Software for Business Applications. 3 or 4 hours.
Hands-on experience with statistical software commonly used in industry. Data preparation, advanced statistical methods for business problems - marketing, finance, operations, etc. Interpretation and communication of results to guide decision making. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371 or FIN 330 or ECON 300 or ACTG 392 or STAT 382 or STAT 481; or consent of the instructor.

IDS 470. Multivariate Analysis. 3 or 4 hours.
Introduction to the structure and analysis of multivariate data. Emphasis on the multivariate normal model. Regression; tests concerning multivariate means, classification; discriminant analysis, principal components. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371 or FIN 330 or ECON 300 or ACTG 392 or MATH 310 or MATH 320.

IDS 472. Business Data Mining. 3 or 4 hours.
Data mining for business insights and decisions. Classification, trees, random forests, naïve Bayes, clustering, association rules, neural nets, recommender systems, text mining. Hands-on application to problems in finance, marketing, and operations. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for IDS 472 if the student has credit for IDS 572. Prerequisite(s): IDS 371 or FIN 330 or ECON 300 or ACTG 392 or STAT 382 or STAT 481 or the equivalent.

IDS 473. Risk Management and Insurance. 3 hours.
Introduction to risk management. Loan and credit management; credit scoring. Risk measurements and reserves; banking and insurance capital requirements, the BASEL accord, tail events and catastrophic event insurance. Financial contracts and hedging. Course Information: Same as FIN 473. Prerequisite(s): IDS 270 or IE 342 or STAT 381 or PSCH 343 or SOC 401; and FIN 300.

IDS 474. Quality and Productivity Improvement Using Statistical Methods. 3 or 4 hours.
Directed experimentation for quality and productivity improvement, quality surveillance, design and analysis of two-level factorial experiments and multi-level experiments, data transformation. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371 or consent of the instructor.

IDS 475. Database Accounting Systems. 3 or 4 hours.
Concepts and principles of designing database systems to perform accounting functions, applications of microcomputer accounting software packages systems design tools, and computerized transaction cycles. Course Information: Same as ACTG 475. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): A passing grade in both ACTG 211 and IDS 200.

IDS 476. Business Forecasting Using Time Series Methods. 3 or 4 hours.
Autoregressive, moving average, and seasonal models for time series analysis and business forecasting. Forecasting using multi-variable transfer function models is also included. Course Information: Same as ECON 450. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371 or ECON 300 or ECON 400; or consent of the instructor.

IDS 478. Regression Analysis. 3 or 4 hours.
Data collection and exploration; model building; variable least squares; residual analysis; variable selection; multicollinearity; ridge regression; nonlinear regression; nonparametric regression. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): IDS 371.

IDS 479. Enterprise Risk Management. 3 or 4 hours.
Overview of enterprise-wide risk management strategies and techniques: strategies that firms employ to enhance value and minimize exposure; techniques used to identify, measure, reduce, and transfer risk. Course Information: Same as FIN 479. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): FIN 300; or consent of the instructor. Recommended background: IDS 473 or FIN 473.

IDS 494. Topics in Information and Decision Sciences. 3 or 4 hours.
Topics vary; selected readings; case analysis. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) if topics vary. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

IDS 495. Competitive Strategy. 4 hours.
Multidisciplinary analysis of organizational strategy and policy using case method and/or business simulation. Assignments involve extensive library research and oral and written reports. Course Information: Credit is not given for IDS 495 if the student has credit in MGMT 495 or ACTG 495 or FIN 495. Prerequisite(s): Senior standing or above Senior standing in the College of Business Administration and completion of all other CBA core courses.

IDS 499. Research Experience. 1-3 hours.
Research experience under the supervision of a faculty member. The faculty member and student will determinne the research project. Each student must submit a written report and each student must participate at a research event on campus. Course Information: May be repeated to a maximum of 9 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the department and the instructor.

Information Technology (IT)

Courses

IT 101. Java Programming for Information Technology. 3 hours.
Elementary data types, arithmetic & logical operations, control structures & error handling, methods & functions, introduction to object-oriented programming design & implementation. Emphasis is placed on the development of problem-solving skills. Course Information: Prerequisite(s): Grade of C or better in MATH 121. Recommended background: CS 100 or basic computer literacy. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

IT 201. Introduction to Computer Configuration and Operating System Software. 3 hours.
Introduction to concepts of computer configuration, and Operating System Software. Comparisons of commercially available CPU families, peripherals, system performance and evaluation. Discussions of technological developments and commercially available systems. Course Information: Prerequisite(s): Credit or concurrent registration in IT 101 or credit or concurrent registration in CS 102 or CS 107. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

IT 202. Web and Multimedia Technology. 3 hours.
Introduciton to internet, multimedia concepts, protocols, and tools. HTML document markup language. Web site design. Script programming for interactive web pages. Creating, editing images, video, and audio for internet use. Programming exercises. Course Information: Prerequisite(s): Credit or concurrent registration in IT 101 or credit or concurrent registration in CS 102 or CS 107. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

IT 301. Networks and Distributed Computing Technology. 3 hours.
Introduction to the use of computers on a network. Installation and configuring of networking components: Firewalls, nameserver and gateways. Use of both wired and wireless networks. Course Information: Prerequisite(s): IT 201. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

IT 302. Database Administration and Installation. 3 hours.
A study of the use of existing databases (bibliographic and non-bibliographic formats), their data structure, processing and retrieval data, integrity and security, and interface design issues. Course Information: Prerequisite(s): IT 202. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

Interdisciplinary Education in the Arts (IDEA)

Courses

IDEA 110. Creativity and Innovation in Design and Arts. 4 hours.
Provides knowledge of the issues and factors that motivate, influence, and materialize creativity and innovation in design and arts disciplines. Course Information: Previously listed as ISA 110. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory. *UIC GE Creative Arts course*.

IDEA 120. Digital Practices in Design and Arts. 4 hours.
Introduction to key ideas and fundamentals of computing in contemporary digital practices in design and the arts disciplines. Class will expose students to exciting practitioners in the field. Course Information: Previously listed as ISA 120. Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

IDEA 130. Introduction to Game Studies: Play and Praxis. 4 hours.
Overview of game studies as an interdisciplinary field concerning game creation, and the historical, cultural, social, and technological importance of games. Emphasis on game theory, gamification, game creation methods, and game cultures. Course Information: Extensive computer use required. Field trip required at a nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

IDEA 210. Topics in IDEAS: Intermedia and Interdisciplinary Artforms. 4 hours.
Topics designed specifically of interdisciplinary subject matter. Topics will be determined by faculty and student interest in interdisciplinary, intermedia, and transdisciplinary forms of cultural production. Course Information: May be repeated to a maximum of 8 hours. Recommended Background: IDEA 110 and IDEA 120.

IDEA 310. Independent Study Course for IDEA Majors. 1-4 hours.
Subject matter is determined by student in collaboration with supervising faculty member. Course Information: Prerequisite(s): IDEA 110 and IDEA 120. Recommended Background: Comfort with interdisciplinary creative practices.

IDEA 322. Introduction to Arts-Based Research Methods. 4 hours.
Overview of arts-based research as an interdisciplinary, humanistic, and qualitative research methodology. Emphasis on applied, practice-led research in realization and refinement of interdisciplinary art projects. Course Information: Extensive computer use required. Field trip required at a nominal fee. Prerequisite(s): DES 222. Recommended background: One year in any major in the College of Architecture, Design, and the Arts. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

IDEA 410. Interdisciplinary Capstone for IDEA Majors. 4 hours.
A sustained practicum in the production, discussion and theorization of work produced by seniors (in the last two semesters) of IDEA coursework. Course Information: May be repeated to a maximum of 8 hours. Field work required.

Interdisciplinary Public Health Sciences (IPHS)

Courses

IPHS 401. Determinants of Population Health. 4 hours.
Introduces students to where one is born, lives, learns, plays, works and ages influences overall health and health outcomes.

IPHS 402. Analytic and Research Methods in Public Health. 6 hours.
Introduces students to the analytic and research methods used to carry out the core functions of evidence-based public health.

IPHS 403. Public Health Systems, Management and Community Health Methods. 4 hours.
Introduces problem and case-based pedagogy in public health systems and practice, including community health intervention planning and evaluation, and organizational planning and management.

IPHS 404. Analytic and Research Methods in Population Health Part I. 3 hours.
Introduces students to the analytic and research methods used to carry out the core functions of evidence-based public health. Course Information: Corequisite(s): Requires concurrent registration in IPHS 401 or consent of the instructor.

IPHS 405. Analytic and Research Methods in Population Health Part II. 3 hours.
Introduces students to the analytic and research methods used to carry out the core functions of evidence-based public health. Course Information: Prerequisite(s): IPHS 404.

IPHS 409. Global Public Health Challenges. 3 hours.
An ecological approach to public health to provide a broad overview of current health problems around the world, with an emphasis on low income countries.

IPHS 410. Global Public Health Solutions. 3 hours.
Utilizes readings and case studies of successful health interventions in the developing world to orient students to the field of global public health. Course Information: Prerequisite(s): Graduate standing.

IPHS 420. Interprofessional Education. 0 hours.
This experience focuses on the principles in working with professions outside the discipline of public health. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Completion of a minimum of 10 hours of SPH credit. Recommended Background: IPHS 401 and IPHS 402; and IPHS 404. Concurrent registration of IPHS 403.

IPHS 421. SPH Success. 0 hours.
Required of all incoming graduate students and is designed to help them prepare for and succeed in SPH coursework. Requirements differ by degree program and students retain access for the duration of their academic program.

IPHS 430. Epidemics of Injustice. 2 hours.
Developed through a collaboration between members of Radical Public Health and faculty who were brought together by a sense of urgency to address ongoing threats to democracy, social justice, and the public's health.

IPHS 450. Foundations and Determinants of Public Health. 3 hours.
Introduces students to the foundations of public health and application of these principles to addressing key factors and determinants of population health and health equity. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department.

IPHS 451. Public Health Policy, Systems and Advocacy. 3 hours.
A survey course that introduces public health policies and how they come into existence and work to improve public health. Course Information: Prerequisite(s): Graduate standing.

IPHS 452. Public Health Planning, Practice, and Evaluation. 3 hours.
Introduces concepts, principles, and skills for administering public health programs (e.g. community health assessment/improvement, intervention planning, program evaluation), emphasizing community-based organizations and public agencies. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department. Corequisite(s): Requires concurrent registration in IPHS 450.

IPHS 453. Public Health Management and Leadership. 2 hours.
Introduces concepts, principles, and skills relevant to public health administration, management and leadership across a wide variety of organizations. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department.

IPHS 454. Quantitative Methods and Analysis I. 3 hours.
Introduces students to analytic and research methods widely used in evidence-based public health. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department.

IPHS 455. Quantitative Methods and Analysis II. 3 hours.
Builds on similar analytic territory content covered in Part I, but from a statistical modeling perspective. Course Information: Prerequisite(s): IPHS 454; and graduate or professional standing; and approval of the department.

IPHS 456. Introduction to Research Design for Public Health. 1 hour.
Introduces students to data collection techniques for qualitative and quantitative research, with an emphasis on qualitative methods, and demonstrates several methods of data collection and analysis common in public health practice. Course Information: Prerequisite(s): Graduate or professional standing; and approval of the department.

IPHS 457. Current Topics in Public Health. 2 hours.
This graduate-level course examines a broad range of current and emerging topics in public health through an interdisciplinary and evidence-based lens, focused on contemporary challenges, innovations, and policy debates. Course Information: Meets eight weeks of the semester.

IPHS 494. Introductory Special Topics - Interdepartmental. 1-4 hours.
Introductory special topics in public health. Course content will vary from semester to semester. Course Information: May be repeated. Students may register in more than one section per term.

Interdisciplinary Studies in the Arts (ISA)

Courses

ISA 100. Freshman Seminar: Introduction to Interdisciplinary Practice in the Arts. 1 hour.
Focuses on methods of making connections in which students will have the opportunity to engage in relevant interdisciplinary inquiry and practice. Course Information: Satisfactory/Unsatisfactory grading only. Field work required. Prerequisite(s): Open only to freshmen.

ISA 200. Introduction to Interdisciplinary Arts. 3 hours.
Introductory topics course that explores the interdisciplinary thematic ties between the arts and humanities. Topics will vary between the visual and performing arts. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): ENGL 161.

ISA 299. College of Architecture and the Arts Study Abroad. 0-18 hours.
Provides credit for foreign study. Student's proposal for study abroad must have prior approval of the major department or school and the College of A & A office. Final determination of credit is made on student's portfolio and completion of work. Course Information: May be repeated for a maximum of 36 hours per academic year or for a total of 48 hours, all of which must be earned within one calendar year. Prerequisite(s): Junior standing or above; and approval of the department, the College of Architecture and the Arts, and the Study Abroad Office.

ISA 300. Interdisciplinary Topics. 3 hours.
Studies in interdisciplinary arts which will explore significant and relevant topics in the visual and performing arts. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): ENGL 161 and junior standing or above.

ISA 399. Research Experience in the Arts. 1-3 hours.
Research experience under the guidance of a faculty member who will act as research supervisor. Course Information: Satisfactory/ Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Approval of the department or college and consent of the instructor supervising the research experience.

ISA 400. Advanced Topics in Interdisciplinary Arts. 3 or 4 hours.
Exploration of advanced topics in interdisciplinary arts which include architecture, art and design, art history, music and theatre. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s).

ISA 490. International Student Exchange Program. 0-18 hours.
The Student Exchange Program enables the reciprocal exchange of students between UIC and colleges or universities in other countries. There are a variety of program tailored to meet the needs of both graduate and undergraduate students. Course Information: May be repeated for a maximum of 48 hours of credit. May be repeated for a maximum of 36 hours per academic year or for a total of 48 hours, all of which must be earned within one calendar year. Determination of the number of credits to be granted is part of the proposal approval process. Students from other UIC Colleges and Schools are eligible for the program. For more information, visit the website at http://www.uic.edu/depts/oia/resources-student/studentexchange.html. Prerequisite(s): Junior standing or above and approval of the student's major department, the AA College office, and the Office of International Affairs.

International Studies (INST)

Courses

INST 105. Global Transformations and the Rise of the West Since 1000. 3 hours.
Overview of historical transformations that led to the rise of Europe and the wider West to global preeminence. Emphasizes contributions of other world cultures to this development. Course Information: Same as HIST 105. This class may be taught in an online format. When that is the case, internet access will be required. A high-speed connection is strongly suggested. Please check the online class schedule for online sections. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

INST 106. The World Since 1400: Converging Worlds, New Circulations. 3 hours.
Overview of historical developments that created an interconnected world. Explorations, rise of capitalism, European colonialism, nationalism and development, and post-colonialism. Course Information: Same as HIST 106. Course is offered in both face-to-face and hybrid/ online formats. Check the class schedule for details. When taught online or hybrid, students will be required to have reliable internet access and a means for accessing it (computer preferable). Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

INST 114. Topics in World History. 3 hours.
Introduction to history through global events and the historical development of diverse cultural, religious, social, economic, and political institutions. Course Information: Same as HIST 114. May not be repeated for credit. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion.

INST 130. Introduction to Comparative Politics. 3 hours.
Comparative study of political institutions, political culture, and political processes in selected major countries of the world. Course Information: Same as POLS 130. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the relevant semester to determine the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high-speed connection, while not required, is strongly suggested. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course*.

INST 184. Introduction to International Relations. 3 hours.
Political, military, and economic relations between states, international organizations and transnational actors. Problems of war, imperialism and the world economy. Prospects for global cooperation. Course Information: Same as POLS 184. Extensive computer use required. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the relevant semester to determine the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high-speed connection, while not required, is strongly suggested. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

INST 200. Topics in International Studies. 3 hours.
An exploration of various topics in international studies through an interdisciplinary lens, addressing issues related to world markets and development, global cultures and societies, and international security and governance. Course Information: May be repeated for a maximum of 9 hours if topics vary. Prerequisite(s): Completion of a 100-level INST course.

INST 221. Macroeconomics in the World Economy: Theory and Applications. 3 hours.
Determinants of the level of economic activity, inflation, unemployment, international economics, impact of domestic and world economy on business decisions, applications of the theory. Course Information: Same as ECON 221. Prerequisite(s): ECON 120 and ECON 121; and MATH 121 or MATH 160 or MATH 165 or MATH 115; or approval of the department.

INST 250. Eastern and Western Philosophies of Religion. 3 hours.
Eastern and Western philosophies of religion: Hinduism, Buddhism, Judaism, and Christianity. Course Information: Same as RELS 250. *UIC GE World Cultures course*.

INST 283. International Political Economy. 3 hours.
Political underpinnings and ramifications of international economic relations. Foreign trade policy, multinational corporations, oil North-South relations, economic warfare. Course Information: Same as POLS 283. Recommended background: POLS 184 or INST 184.

INST 284. International Security. 3 hours.
International conflict and cooperation, including war, nationalism, global inequality, and the environment. Course Information: Same as POLS 284. Prerequisite(s): POLS 184 or INST 184 or consent of the instructor.

INST 301. Seminar in International Studies. 3 hours.
Seminar in international studies addressing global themes and issues. Content varies. Specific topics are announced each term. Course Information: May be repeated to a maximum of 6 hours if topics vary. Previously listed as LAS 301. Prerequisite(s): Junior standing or consent of the instructor.

INST 333. International Economics. 3 hours.
Operation of the international economy. Covers the theory and practice of international trade and international macroeconomics. Topics include exchange rates, the balance of payments, and operation of fiscal and monetary policy. Course Information: Same as ECON 333. Prerequisite(s): ECON 220 or ECON 221 or INST 221.

INST 334. Economic Development. 3 hours.
Uses economic tools to investigate the prevalence, causes and consequences of global poverty. Study the range of market failures that contribute to the persistence of poverty. Course Information: Same as ECON 334. Prerequisite(s): ECON 220 or ECON 221 or INST 221.

INST 349. Topics in Comparative Politics. 3 hours.
Selected problems in comparative politics. Course Information: Same as POLS 349. May be repeated to a maximum of 6 hours if topics vary. Prerequisite(s): POLS 130 or INST 130; and POLS 200; or consent of the instructor . Students seeking to register with instructor approval should contact the academic advisor for Political Science, in addition to securing permission to enroll from the course instructor.

INST 400. Advanced Seminar in International Studies. 3 hours.
Advanced examination of various topics in international studies through an interdisciplinary lens, addressing specialized issues related to world markets and development, global cultures and societies, and international security. Course Information: May be repeated for a maximum of 9 hours if topics vary. Prerequisite(s): Junior standing or above; or consent of the instructor.

Italian (ITAL)

Courses

ITAL 101. Elementary Italian I. 4 hours.
Exposure to multiple, basic textual and aural genres and socio-cultural situations to familiarize students with contemporary life in the Italian-speaking world. Course Information: No credit given if the student has credit in ITAL 102 or ITAL 103 or ITAL 104; or has completed any 200-, 300-, 400-, or 500-level Italian language courses; or has placed into ITAL 102 or above. This is a blended-online and classroom course. Use of computer and internet access is required. A high speed connection, while not required, is strongly suggested. Class Schedule Information: During the fall and spring terms, combined section final exam will be held on Monday of finals week from 6 to 8 p.m.

ITAL 102. Elementary Italian II. 4 hours.
Continuation of Italian 101. Exposure to multiple, basic textual and aural genres and socio-cultural situations to familiarize students with contemporary life in the Italian-speaking world. Course Information: No credit given if the student has credit in ITAL 103 or ITAL 104; or has completed any 200-, 300-, 400-, or 500-level Italian language courses; or has placed into ITAL 103 or above. This is a blended-online and classroom course. Use of computer and internet access is required. A high speed connection, while not required, is strongly suggested. Prerequisite(s): Grade of C or better in ITAL 101; or appropriate score on the department placement test. Class Schedule Information: During the fall and spring terms, combined section final exam will be held on Monday of finals week from 6 to 8 p.m.

ITAL 103. Intermediate Italian I. 4 hours.
Continuation of Italian 102. Exposure to a variety of socio-cultural situations as well as textual genres to familiarize students with contemporary Italian society. Course Information: Credit is not given for ITAL 103 if the student has credit in ITAL 104 or has completed any 200-, 300-, 400-, or 500- level Italian language courses; or has placed into ITAL 104 or above. This is a blended-online and classroom course. Use of computer and internet access is required. A high speed connection, while not required, is strongly suggested. In the Summer this course may be available in Siena, Italy. Prerequisite(s): ITAL 102 or ITAL 140; or appropriate score on the department placement test. Class Schedule Information: During the fall and spring terms, combined section final exam will be held on Tuesday of finals week from 6 to 8 p.m.

ITAL 104. Intermediate Italian II. 4 hours.
Continuation of ITAL 103. Exposure to a variety of socio-cultural situations as well as textual genres to familiarize students with contemporary Italian society and public discourse. Course Information: Credit is not given for ITAL 104 if the student has completed any 200, 300, 400, or 500-level Italian language courses. This is a blended-online and classroom course. Use of computer and internet access is required. A high speed connection, while not required, is strongly suggested. In the summer, this course may be available in traditional (non-blended) format as part of the study abroad curriculum in Siena, Italy. Prerequisite(s): ITAL 103; or appropriate score on the department placement test. Class Schedule Information: During the fall and spring terms, combined section final exam will be held on Tuesday of finals week from 6 to 8 p.m. *IAI GECC Humanities course*.

ITAL 140. Rapid Italian Language for Romance Language Speakers. 4 hours.
Italian for students who already speak one or more Romance languages. Drawing from a variety of cultural objects (e.g. film, music) this course aims at promoting comparative linguistic analysis and effective communication skills in Italian. Course Information: Credit is not given for ITAL 140 if the student has credit in ITAL 101 or ITAL 102. Previously listed as ITAL 240. Extensive computer use required. May be offered as an 8-week asynchronous online course or 16-week blended (3 days in-person with additional online work) course. Prerequisite(s): FR 104 or SPAN 104 or SPAN 114 or PORT 201; or consent of the instructor.

ITAL 196. Totalitarianism, Writing and Cinema. 3 hours.
An introduction to French, Spanish, and Italian writing and films dealing with the issue of totalitarianism. Various authors are examined within a broad context of European thinking on totalitarianism. Course Information: Same as FR 196, and SPAN 196. Taught in English. Two additional hours for viewing films (every two weeks). Prerequisite(s): Consent of the instructor.

ITAL 200. Italian at Work: Language and Culture in Practice. 3 hours.
Develop practical Italian language skills through real-world communication, with a focus on culture, society, and professional contexts. Course Information: Taught in Italian. Prerequisite(s): Grade of C or better or concurrent registration in ITAL 104; or appropriate score on the department placement test or consent of the instructor.

ITAL 201. Exploring Italy. 3 hours.
Through a critical approach to the historical identities and key socio-cultural issues of Italy's regions, students will investigate the interconnections between geographical and social, economic, political, linguistic, and cultural differences. Course Information: Taught in Italian. Prerequisite(s): Grade of C or better or concurrent registration in ITAL 104; or appropriate score on the department placement test; or consent of the instructor.

ITAL 210. Narrating Italy: Stories, Sounds, and Screens. 3 hours.
Introduction to Italian cultural expression through storytelling in film, music, visual arts, print media, and other creative forms. Course Information: Taught in Italian. Prerequisite(s): Grade of C or better or concurrent registration in ITAL 104; or appropriate score on the department placement test; or consent of the instructor.

ITAL 230. Italian and Italian American Culture and Civilization. 3 hours.
Italian and Italian American culture and civilization will explore key moments in Italian social history and its connection to the Italian diaspora. Course Information: Taught in English. No knowledge of Italian required. *UIC GE Past course, and UIC GE World Cultures course*.

ITAL 240. Rapid Italian Language for Spanish Speakers. 4 hours.
Comparative linguistic differences between Spanish and Italian; practice in speaking, reading, and writing. Course Information: Prerequisite(s): Native speakers of Spanish, or any 200-level Spanish courses, or consent of the instructor.

ITAL 249. Beauty, Power, Imagination: The Italian Renaissance. 3 hours.
Exploration of the radical changes brought forth by the Italian Renaissance in the way people thought and acted in the world, and in almost every aspect of life: art, architecture, culture, economics, politics, and society. Course Information: Same as AH 249 and CL 249. Taught in English. The program includes optional activities such as field trips to the Art Institute and to the Daley Library Rare Book Collection. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

ITAL 270. The Sopranos Effect: Myth, Migration and the Italian-American Identity. 3 hours.
Immigrants' identity formation and representation as seen through literature and visual media. Focus on Italian and Italian American transnational identities and narratives in their interactions with their socio-historical contexts. Course Information: Same as ENGL 270. Taught in English. Extensive computer use required. No knowledge of Italian required. This course is offered in both face-to-face (16 weeks) and online asynchronous format (8 weeks). Online courses involve heavy computer usage; computer and internet access are required. Check the class schedule for details on specific sections. Recommended background: Completion of the University Writing Requirement. *UIC GE Individual and Society course, and UIC GE US Society course*.

ITAL 277. Reel Mobsters: Mafia in Film and Television. 3 hours.
Explores Italian and American mafia films and TV, analyzing cultural impact, mythmaking, and cinematic portrayals of organized crime across genres, styles, and national perspectives. Course Information: Same as ENGL 277 and MOVI 277. Taught in English. *UIC GE Creative Arts course, and UIC GE US Society course*.

ITAL 280. Beyond Italy: Cinema, Culture, and Change. 3 hours.
An exploration of Italian and Italian-American cinema with a focus on Italy's culture, its global reach, and the critical, social issues that continue to shape our world. Course Information: Same as MOVI 280. Taught in English. Extensive computer use required. No knowledge of Italian required. Films screened with English subtitles. This course is offered in both face-to-face (16 weeks) and online asynchronous format (8 weeks). Online courses involve heavy computer usage; computer and internet access are required. Check the class schedule for details on specific sections. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

ITAL 285. Zombies, Plagues, and Other Pandemics in Literature and Visual Media. 3 hours.
Pandemics and their effects on human beings on a physical, emotional, and societal level, as seen through literature and visual media across nations. Course Information: Same as LCSL 285 and SPAN 285. Taught in English. Extensive computer use required. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

ITAL 293. Following Dante: The Moral Imagination of the Divine Comedy. 3 hours.
Love. Justice. Redemption. In this class, we journey with a medieval poet whose timeless vision brings sinners, saints, and seekers to life—and reveals what it means to be human. Course Information: Same as CL 293 and RELS 293. Previously listed as ITAL 193. Taught in English. *UIC GE Creative Arts course, and UIC GE Past course*.

ITAL 300. Advanced Topics in Italian Literary and Cultural Studies. 3 hours.
Advanced exploration of topics relating to Italian cultural studies with a special focus on Italian literature and other media. Course Information: May be repeated for a maximum of 6 hours if topic is different for each registration and with consent of the instructor. Taught in Italian. Prerequisite(s): ITAL 200 or ITAL 201 or ITAL 210 or the equivalent or consent of the instructor.

ITAL 301. Advanced Topics in Italian Visual Media and Film. 3 hours.
Advanced topics course on specific periods or movements in Italian film and other visual media. Topics will vary.Course Information: May be repeated for a maximum of 6 hours if topic is different for each registration and with consent of the instructor. Taught in Italian. Prerequisite(s): ITAL 200 or ITAL 201 or ITAL 210 or the equivalent or consent of the instructor. Recommended background: ITAL 280.

ITAL 302. Advanced Topics in Gender, Politics, and Cultural Difference in Italian Studies. 3 hours.
Study of different cultural movements and their effect on the construction and deconstruction of national, regional, class, and gender identities in the Italian context. Topics will vary.Course Information: May be repeated for a maximum of 6 hours if topic is different for each registration and with consent of the instructor. Taught in Italian. Prerequisite(s): ITAL 200 or ITAL 201 or ITAL 210 or the equivalent or consent of the instructor.

ITAL 303. Contemporary Italian Language, Culture and Society. 3 hours.
Focus on contemporary Italian culture and society through the exploration of audio-visual (music, films) and written texts. Learners refine their communicative competence in Italian, critical thinking skills, and cultural and intercultural awareness. Course Information: Taught in Italian. Prerequisite(s): Credit or concurrent registration in ITAL 200 or ITAL 201 or ITAL 210 or equivalent; or consent of the instructor.

ITAL 370. Writing and Research in the Major. 1 hour.
Perfecting writing and expository skills in English. Required for majors in the department. Course Information: Same as FR 370 and SPAN 370. Prerequisite(s): Junior or senior standing and approval of the department.

ITAL 399. Independent Study. 1-3 hours.
For majors and minors in Italian who wish to supplement regular courses or undertake individual study projects. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Approval of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Japanese (JPN)

Courses

JPN 101. Elementary Japanese I. 4 hours.
First course of the four-semester program to develop basic Japanese skills for both oral and written communication and to develop cultural awareness and competence through learning various aspects of Japanese cultures. Course Information: Extensive computer use required. This course is taught in a blended-online format. Use of computer and internet access are required. A high-speed connection is strongly suggested. Seniors interested in this course must contact the Japanese BLP Coordinator.

JPN 102. Elementary Japanese II. 4 hours.
Second course of the four-semester program to develop basic Japanese skills for both oral and written communication and to develop cultural awareness and competence through learning various aspects of Japanese cultures. Course Information: Extensive computer use required. This course is taught in a blended-online format. Use of computer and internet access are required. A high-speed connection is strongly suggested. Prerequisite(s): A grade of C or above in JPN 101, or appropriate score on the department placement test.

JPN 103. Intermediate Japanese I. 4 hours.
Third course of the four-semester program to develop basic Japanese skills for both oral and written communication and to develop cultural awareness and competence through learning various aspects of Japanese cultures. Course Information: Extensive computer use required. This course is taught in a blended-online format. Use of computer and internet access are required. A high-speed connection is strongly suggested. Prerequisite(s): A grade of D or above in JPN 102, appropriate score on the department placement test, or the equivalent AP test score.

JPN 104. Intermediate Japanese II. 4 hours.
Fourth course of the four-semester program to develop basic Japanese skills for both oral and written communication and to develop cultural awareness and competence through learning various aspects of Japanese cultures. Course Information: Extensive computer use required. This course is taught in a blended-online format. Use of computer and internet access are required. A high-speed connection is strongly suggested. Prerequisite(s): A grade of D or above in JPN 103, appropriate score on the department placement test, or the equivalent AP test score. *IAI GECC Humanities course*.

JPN 196. Independent Study. 1-4 hours.
Individual study under faculty direction for qualified students with special interests and needs. Course Information: May be repeated to a maximum of 8 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

JPN 200. Advanced Spoken Japanese. 3 hours.
Emphasis on advanced oral and aural proficiency. Expression of cultural and personal topics using formal and informal language. Course Information: Prerequisite(s): JPN 104; or consent of the instructor.

JPN 210. Advanced Japanese Language and Culture. 3 hours.
Expansion of communication skills, especially speaking, through an exploration of contemporary Japanese culture. Course Information: Grade of C or better in JPN 104; or appropriate score on the department placement test.

Jewish Studies (JST)

Courses

JST 101. Introduction to Judaism. 3 hours.
Introduction to the Jewish religion as it has developed from its roots in the Hebrew Bible until today, emphasizing its central texts and concepts. Same as RELS 121. *UIC GE Individual and Society course*.

JST 102. Introduction to Jewish History. 3 hours.
Overview of Jewish history from Biblical times until the present. Topics will range from second Temple Judea and the beginning of the diaspora through 21st-century Jewish life in America and Israel. Course Information: Same as RELS 126. *UIC GE Individual and Society course, and UIC GE Past course*.

JST 103. Introduction to Israel Studies. 3 hours.
Introduction to major themes, issues, writers and contexts of the founding, establishment, and conflicts of the modern state of Israel. *UIC GE Past course, and UIC GE World Cultures course*.

JST 117. Understanding the Holocaust. 3 hours.
Examines the Holocaust of European Jewry as the result of antisemitic ideology and the development of modern German political forces; implementation of the Final Solution. Course Information: Same as HIST 117 and RELS 117. *UIC GE Individual and Society course, and UIC GE Past course*.

JST 122. Minority Perspectives in the Germanic Context. 3 hours.
Investigation of the challenges and/or opportunities of multicultural societies by examining in a socio-historical context texts created by members of Europe's ethnic, religious, and national minorities. Course Information: Same as GER 122 and RELS 122. No credit toward a major or minor program offered by the Department of Germanic Studies. Lectures, discussion, and readings in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

JST 123. Introduction to Yiddish Culture and Literature. 3 hours.
Yiddish culture in Europe and the U.S. in socio-historical context. Focus on the role of Yiddish in conceptions of secular, cultural, religious, national Jewish identities. Course Information: Same as GER 123 and RELS 123. No credit toward a major or minor program offered by the Department of Germanic Studies. Lectures, discussion, and readings in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

JST 124. Introduction to the Hebrew Bible. 3 hours.
A study of the Five Books of Moses (a.k.a Torah or Pentateuch) within the contexts of the ancient Near East and biblical literature. Course Information: Same as CL 124 and RELS 124. Taught in English. *UIC GE Past course*.

JST 125. Diaspora, Exile, Genocide: Aspects of the European Jewish Experience in Literature and Film. 3 hours.
Literature and films on European Jewish responses to anti-Semitism and persecution in a historical context to reveal the condition of post-Enlightenment German-speaking Jewish and Yiddish-speaking societies. Course Information: Same as GER 125 and RELS 127. No credit toward a major or minor program offered by the Department of Germanic Studies. Taught in English. *UIC GE Past course, and UIC GE World Cultures course*.

JST 203. Israel Film: Aspects of History, Life, and Culture. 3 hours.
Exploration of major themes related to life in Israel via its national cinema. Historical, social, and cultural aspects of Israeli society are examined through film. *UIC GE World Cultures course*.

JST 220. Modern Polish-Jewish Culture and Literatures. 3 hours.
Polish-Jewish literature and non-fiction works in English translation from Polish, Yiddish and Hebrew are studied as expressions of a distinct Ashkenazi or East European Jewish culture that developed on historically Polish lands. Course Information: Same as POL 220 and CEES 220. Prerequisite(s): ENGL 160 or ENGL 161. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

JST 225. Topics in Muslim-Jewish Relations. 3 hours.
Muslim-Jewish interactions from the rise of Islam until contemporary times, the relationship between Biblical and Quranic materials, the Jewish and Islamic interpretive tradition and the legal systems of the two religious traditions. Course Information: Same as CL 225 and RELS 225.

JST 230. Topics in Jewish Thought. 3 hours.
Survey of major topics in Jewish theology, philosophy, ethics and political thought. Course Information: Same as RELS 231. May be repeated if topics vary. Recommended Background: JST 101 or the equivalent.

JST 240. Philosophy and Revelation: Jewish and Christian Perspectives. 3 hours.
Introduction to philosophical ways of addressing the claim that a book (the Bible, the Quran) comes from God. Texts by Immanuel Kant, Moses Mendelssohn, and Soren Kierkegaard, among others. Course Information: Previously listed as JST 141. Same as RELS 240 and PHIL 240. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

JST 242. The History of Jewish Biblical Interpretation. 3 hours.
Jewish interpretation of the Hebrew bible. A survey of the span of Jewish history and the wide range of cultural contexts that have impacted the understanding of the Torah. Course Information: Same as CL 242 and RELS 242. *UIC GE Past course*.

JST 243. Politics and Government of the Middle East. 3 hours.
Contemporary Middle East political institutions, culture, processes, and conflicts. Emphasis on interaction of traditional and modern forces, such as Islam, nationalism, political elites, ideologies, states. Course Information: Same as POLS 243. Prerequisite(s): POLS 130 or POLS 190; or consent of the instructor. *UIC GE World Cultures course*.

JST 296. Topics in Jewish Studies. 3 hours.
How Jews became a modern ethnic group, how their experiences compare with other ethnic groups, and how their experiences in modern times vary from nation to nation. Course Information: Same as RELS 296. May be repeated to a maximum of 6 hours. Previously listed as JST 294.

JST 311. Gender and Sexuality in Early Christianity and Judaism. 3 hours.
Examination of the root of contemporary perspectives on gender and sexuality in the early traditions of Judaism and Christianity including the Bible, the Epic of Gilgamesh, the Church Fathers, the Talmud, and legends of the saints. Course Information: Same as GWS 311 and RELS 311.

JST 394. Topics in Jewish Studies. 3 hours.
Selected topics in Jewish culture and history. Course Information: Same as RELS 395. May be repeated to a maximum of 9 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

JST 410. Advanced Studies in Jewish Literature, Art and Culture. 3 or 4 hours.
Selected topics in Jewish literature and/or arts, in one or more places and time periods. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) if topics vary. Prerequisite(s): One course in Jewish Studies. Recommended background: JST 102.

JST 420. Advanced Studies in Jewish Religion. 3 or 4 hours.
In-depth study of a period or mode of Jewish religious development or textual production, or an examination of a religious tenet or practice across various historical periods. Topics will vary.Course Information: Same as RELS 420. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) if topics vary. Prerequisite(s): JST 101; and JST 230 or JST 242 or JST 254.

JST 430. Advanced Studies in Jewish Thought. 3 or 4 hours.
Advanced topics in Jewish theology, philosophy, ethics or political thought. Course Information: Same as RELS 430. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): One 100-level and one 200-level course in Jewish Studies.

JST 475. The Bible as Literature: Hebrew Bible. 3 or 4 hours.
Literary analysis of genres and themes of the Hebrew Bible and close reading of the biblical texts. Sources of the Bible and their historical context. Course Information: Same as ENGL 475 and RELS 475. 3 undergraduate hours. 4 graduate hours. Previously listed as JST 478. Taught in English. Recommended background: Any of ENGL 175 or ENGL 207-209.

JST 494. Topics in Jewish Studies. 3 or 4 hours.
Selected topics in Jewish studies. Course Information: Same as RELS 494. 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 6 hours if topics vary. Prerequisite(s): JST 101 or JST 102 or consent of the instructor.

Kinesiology (KN)

Courses

KN 100. Kinesiology: First Year Seminar. 2 hours.
Overview of kinesiology emphasizing the key concepts of the sub-disciplines and diverse range of careers in the field. Focuses on academic and professional preparation given the integrative nature of the discipline and current trends.

KN 110. Life Skills for Student Athletes. 2 hours.
Prepares student-athletes, and those working with student-athletes, to thrive as leaders in their community and workplace, be productive members of society, and contribute value to their own life and to those with whom they interact.

KN 120. Introduction to Anatomy and Physiology. 4 hours.
An introduction to human anatomy and physiology, including cellular structures and selected organ systems, utilizing scientific processes and laboratory demonstration. Course Information: Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

KN 130. Stress Management. 3 hours.
Introduction to stress and its effects on health, with experiential application of coping strategies and relaxation techniques. Addresses conventional and innovative approaches, with a special emphasis on holistic health and wellness.

KN 136. Techniques and Principles of Exercise. 3 hours.
Teaches students how to identify, describe, execute, and progress common resistance and aerobic exercises for optimal health, athletic performance and overall fitness. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

KN 137. Personal Fitness. 1 hour.
Evaluation of each student's level of fitness, followed by participation in a group exercise program. Variable training modes. Discussion on fitness-related topics.

KN 150. The Healthy Human. 3 hours.
Using the core dimensions of wellness, this course prepares students to live healthy, proactive lifestyles by creating a personal framework to serve them in their daily lives. Emphasis will be on the holistic integration of body, mind, and spirit. *UIC GE Individual and Society course*.

KN 151. Success Strategies for Anatomy and Physiology. 1 hour.
Teaches students to engage in effective study and learning strategies, with an emphasis on metacognition, for success in A&P. These metacognitive skills are transferable to other courses in the student's higher education experience. Course Information: Corequisites: Requires concurrent registration in KN 230 or KN 253.

KN 152. Introduction to Exercise Physiology and Health. 3 hours.
Provides students with the fundamental knowledge of the structure and function of the human body, particularly as it relates to the interaction between physical activity and health and disease. Course Information: Recommended background: High school chemistry, biology and/or physiology. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion. *UIC GE Natural World Lab course*.

KN 194. Special Topics in Kinesiology. 1-3 hours.
Participation and study in selected activities in Kinesiology. Course Information: May be repeated if topics vary. Students may register in more than one section per term.

KN 200. Statistical Methods. 3 hours.
How to apply, interpret, and think critically about scientific data from the biological and health sciences. Extensive hands-on experience working with data to illustrate concepts and develop skills for decision making and analytical thinking. Course Information: Credit is not given for KN 200 if the student has credit in STAT 101. Prerequisite(s): Grade of C or better in MATH 110. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

KN 230. Anatomy and Physiology Lecture I. 3 hours.
The structure and function of mammalian cells and tissues and human skeletal, muscular and nervous systems are discussed. Integrating the functions of the various systems is emphasized. Course Information: Extensive computer use required. Credit for KN 230 is not given if the student has credit in KN 251 or KN 253. Prerequisite(s): Grade of C or better in BIOS 110 and cumulative undergraduate GPA of at least 2.5 (A=4.0).

KN 231. Anatomy and Physiology Lecture II. 3 hours.
The structure and function of the human endocrine, circulatory, respiratory, digestive, sensory, and reproductive systems are discussed. Integrating the functions of the various systems is emphasized. Course Information: Extensive computer use required. Prerequisite(s): KN 230. Credit for KN 231 is not given if the student has credit in KN 252 or KN 254.

KN 232. Anatomy and Physiology Laboratory I. 2 hours.
Course to complement KN 230. Includes wet and dry lab activities. Human cadavers used in instruction. Course Information: Credit for KN 232 is not given if the student has credit in KN 251 or KN 255. Prerequisite(s): Grade of C or better in BIOS 110 and Credit or concurrent registration in KN 230 or the equivalent and GPA 2.5.

KN 233. Anatomy and Physiology Laboratory II. 2 hours.
Course to complement KN 231. Includes wet and dry lab activities. Human cadavers used in instruction. Course Information: Credit for KN 233 is not given if the student has credit in KN 252 or KN 256.Prerequisite(s): Credit or concurrent registration in KN 231 or the equivalent.

KN 237. Sport and Exercise Psychology. 3 hours.
Presents the psychological basis for exercise and sport motivation and behavior. Focus on application of theoretical models of exercise and sport and psychological strategies to improve participation in exercise and improve sport performance. Course Information: Previously listed as KN 335. Credit is not given for KN 237 if the student has credit in KN 335.

KN 243. Exercise Assessment. 3 hours.
This introductory-level course addresses screening and assesses fitness components necessary to assess posture, body composition, strength, flexibility and cardio-respiratory endurance. Course Information: Extensive use of instrumentation. Prerequisite(s): KN 136. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

KN 245. Exercise Programming and Instruction. 3 hours.
Emphasizes how to develop and instruct individual and group exercise programs utilizing a variety of exercise modalities. Personal training, small group instruction, and group exercise techniques are included in both lecture and lab experiences. Course Information: Credit is not given for KN 245 if the student has credit in KN 240. Prerequisite(s): KN 136 and KN 243. Course Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

KN 246. Group Exercise Instruction. 2 hours.
Focuses on group fitness fundamentals for apparently healthy exercisers. Emphasis will be on proper exercise instruction, cuing, class organization, safety, and effective exercise planning for a variety of different class types. Course Information: Prerequisite(s): KN 245. Course Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

KN 261. Applied Musculoskeletal Anatomy. 3 hours.
Designed to provide a foundational knowledge base regarding the structure of the human musculoskeletal system as it relates to movement and function. Course Information: Prerequisite(s): KN 251 or KN 253 or KN 230.

KN 262. Training Methods for Core Stability. 3 hours.
Students learn methods to assess and program core stability for a variety of populations in the contexts of posture, endurance, strength and flexibility. Extensive use of Pilates equipment and small apparatus. Prerequisite(s): Junior standing or above; and consent of the instructor. Recommended background: KN 261. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

KN 294. Special Topics in Kinesiology. 1-3 hours.
Selected topics in Kinesiology. Course Information: May be repeated if topics vary. Students may register in more than one section per term.

KN 299. Study Abroad in Kinesiology and Nutrition. 0-18 hours.
Provides credit for study abroad. Student's proposal must have prior approval of the student's major program or department. Final determination of credit is made on the student's completion of the work. Course Information: May be repeated for a maximum of 36 hours.

KN 300. Research Methods and Inquiry in Kinesiology. 3 hours.
Introduces undergraduate students to inquiry processes and research methods applied in the field of Kinesiology. Course Information: Recommended background: KN 200 or PSCH 242.

KN 331. Sport and Exercise Injury Management. 3 hours.
Fundamental management of exercise and sport related injuries and conditions. Course Information: Prerequisite(s): KN 261. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

KN 336. Health Coaching. 3 hours.
Behavior change approaches with diverse patients/clients using foundational health coaching and motivational principles. Students use communication, coaching and comportment skills to help guide others in the pursuit of healthy lifestyle habits. Course Information: Previously listed as KN 436. Credit is not given for KN 336 if the student has credit for KN 436. Prerequisite(s): KN 237.

KN 337. Psychology of Injury and Recovery. 3 hours.
Introduces the psychological, social, and emotional experiences associated with the acquisition and experience of physical injuries. Course Information: Prerequisite(s): KN 237.

KN 345. Exercise Assessment and Programming. 3 hours.
Emphasizes a variety of advanced experiences in integrating assessment and programming techniques and approaches to exercise, fitness, health and sport. Course Information: Prerequisite(s): KN 243, and KN 245, and either KN 251, or KN 230 and KN 232. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

KN 350. Cadaver Dissection I. 2 or 3 hours.
Cadaver dissection using the regional approach. Dissection of the musculo-skeletal system, spinal cord and peripheral nervous system. Course Information: Prerequisite(s): Grade of C or better in KN 251 or Grade of C or better in KN 255 or Grade of C or better in KN 232; or consent of the instructor.

KN 351. Cadaver Dissection II. 2 or 3 hours.
Cadaver dissection using the regional approach method. Dissection of the brain, cardiovascular, respiratory, digestive, urinary and reproductive systems. Course Information: Prerequisite(s): Grade of C or better in KN 252 or Grade of C or better in KN 256 or Grade of C or better in KN 233; or consent of the instructor.

KN 352. Physiology of Exercise. 4 hours.
The physiological responses associated with acute and chronic physical exercise; muscular, circulatory, respiratory and nervous systems. Course Information: Prerequisite(s): KN 152; and KN 231 or KN 252 or KN 254. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

KN 361. Movement Biomechanics. 3 hours.
Introduces students to the science of mechanics with a particular emphasis on the application of mechanics to the analysis of normal and pathological human and animal movement. Course Information: Previously listed as KN 260. Prerequisite(s): MATH 121 and KN 261 and PHYS 131 or higher.

KN 362. Tissue Biomechanics. 3 hours.
Introduces students to the biomechanics of the tissues of the body, emphasizing the musculoskeletal system. Students will study the structure-function relationship of tissues, and how this relationship is disrupted with disease or injury. Course Information: Credit is not given for KN 362 if the student has credit in KN 465. Prerequisite(s): MATH 121; and PHYS 131.

KN 372. Motor Control and Learning. 3 hours.
Introduction to basic principles regarding the acquisition and control of human movements. Course Information: Prerequisite(s): KN 252; or KN 231 and KN 233.

KN 393. Undergraduate Internship in Kinesiology. 3 or 6 hours.
This course will provide students with a working experience at a professional job site where they can apply the knowledge, skills and abilities they have learned in the program. Course Information: Field work required. Students must provide their own transportation to and from internship sites. Prerequisite(s): Approval of the department and completion of all required courses for the chosen internship site.

KN 394. Special Topics in Kinesiology. 1-3 hours.
Flexible course structure designed to accommodate additional topics not covered in current course offerings. Topic examples include muscle physiology, psychology of physical activity, biomechanics and motor control of special populations. Course Information: May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): Sophomore standing or above; and consent of the instructor.

KN 396. Special Project. 1-3 hours.
Selected topics in Kinesiology for individual study. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Approval of student project by the KN 396 instructor and supervising instructor.

KN 397. Special Project Presentation. 1 hour.
Students will prepare and present their experiential learning project in a public forum. Emphasis will be on building the competencies of scientific communication and professionalism. Course Information: Prerequisite(s): KN 396.

KN 398. Undergraduate Research. 1-3 hours.
An in-depth research analysis for the development of a research proposal in the student's area of interest. Review current literature, investigate various research methodologies, review the relevant research policies, and develop a proposed project. Course Information: Prerequisite(s): Approval of the department.

KN 399. Undergraduate Research Presentation. 1 hour.
The implementation of the proposal developed in KN 398. Data collection, analysis and interpretation will provide the basis for the written project. The project will be presented in an open forum to faculty and other students. Course Information: Prerequisite(s): KN 398.

KN 400. Entrepreneurship for Applied Health Professionals. 3 hours.
Relates the theory, principles and practices applied in entrepreneurial start-up settings in healthcare and human performance professions. Course Information: Prerequisite(s): Junior standing or above.

KN 410. Aging and the Motor System. 3 hours.
Introduction to aging with a focus on its impact on the physical structure and function of the neural, muscular and skeletal systems; the mechanics through which the trajectory of aging can be potentially modified. Course Information: Prerequisite(s): KN 252; or KN 231 and KN 233.

KN 431. Lower Extremity Overuse Injury. 3 hours.
Critical review of the literature related to lower extremity overuse injury; current practices and research gaps in the prevention and treatment of these injuries; movement assessment and corrective exercise to prevent and care of these injuries. Course Information: Prerequisite(s): KN 261 and KN 331. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

KN 432. Foundations of Positive Psychology. 3 hours.
Introduces students to positive psychology and the opportunities for human development channeling positive thoughts, emotions and behaviors to achieve life, relationships and legacy goals. Course Information: Prerequisite(s): Acceptance into the concentration in Performance, Sport and Exercise Psychology within the MS in Kinesiology or consent of the instructor.

KN 433. Sociocultural Perspectives in Performance, Sport and Exercise Psychology. 3 hours.
Pertinent sociological issues and theories will be examined in the scholarly pursuit of knowledge and understanding of the sociological and cultural influences in the field of performance, sport and exercise psychology. Course Information: Prerequisite(s): Acceptance into the concentration in Performance, Sport and Exercise Psychology within the MS in Kinesiology or consent of the instructor.

KN 434. Business Branding in Performance, Sport and Exercise Psychology. 3 hours.
Designed to help students build a coaching and/or consulting business for face-to-face and virtual clients. Course Information: Prerequisite(s): Acceptance into the concentration in Performance, Sport and Exercise Psychology within the MS in Kinesiology or consent of the instructor.

KN 435. Sport Psychology for Individual and Team Performance. 3 hours.
Analysis and application of psychological concepts related to process and outcomes of sport and exercise programs. Course Information: Prerequisite(s): KN 237 or KN 335.

KN 438. Advanced Sport and Exercise Psychology. 3 hours.
Explores research on the psychological effects of sport and exercise across the lifespan. Emphasis will be placed on understanding research methods and applying knowledge of consequences in practice. Course Information: Prerequisite(s): KN 237. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

KN 441. Muscle Physiology. 3 hours.
Examination of skeletal muscle function during physical activity and adaptations of skeletal muscle that occur with exercise training, inactivity and aging. Course Information: Prerequisite(s): KN 352.

KN 442. Principles of ECG Interpretation. 3 hours.
Introduction to the basic principles and interpretation of the electrocardiogram (ECG) as it relates to fitness programs involving the apparently healthy as well as cardiac rehabilitation patients. Course Information: Prerequisite(s): Grade of C or better in KN 352; and junior standing or above; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture/Discussion and one Laboratory.

KN 445. Corrective Exercise for Postural and Movement Imbalances. 3 hours.
Focuses on how to develop, integrate, and apply comprehensive strategies to identify, assess, and improve common postural and muscular imbalances which contributes to movement impairments. Course Information: Prerequisite(s): KN 243. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

KN 447. Mental Health in Athletics. 3 hours.
Designed to advance student understanding and response to current and emerging mental health issues in athletics. Course Information: Prerequisite(s): Junior standing or above.

KN 448. Adapted Exercise Programming. 3 hours.
Examines the criteria for exercise and fitness participation for individuals with disabilities or chronic health conditions. Course Information: Previously listed as KN 348. Prerequisite(s): KN 345.

KN 450. Exercise Programming for Athletic Performance. 3 hours.
Students develop the required knowledge and competencies to complete professional credential examinations with nationally and internationally recognized organizations such as the National Strength and Conditioning Association. Course Information: KN 345 or consent of instructor.

KN 452. Advanced Exercise Physiology. 3 hours.
Builds on the science foundation provided by KN 352 to examine timely and emerging topics in exercise physiology. Students will develop skills for critical thinking, problem solving, and forming and defending a scientific opinion. Course Information: Prerequisite(s): KN 352. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

KN 460. Neuromechanical Basis of Human Movement. 3 hours.
Biomechanics of single and multi-joint systems, and its role in neural control of movement. Mechanisms of acute adaptations including warm-up, fatigue and potentiation, and chronic adaptations arising from reduced use or training. Course Information: Prerequisite(s): KN 361.

KN 465. Biomechanics of the Neuromusculoskeletal Systems. 3 hours.
Introduces the non-engineering/physics student to the biomechanics of the neural, muscular and skeletal systems. The course focuses on normal structure-function of tissues and joints, injury and prevention. Course Information: Previously listed as KN 365. Prerequisite(s): KN 361 or one year of college physics; or consent of the instructor.

KN 472. Movement Neuroscience. 3 hours.
Overview of the neurophysiology of human movement. This course will cover the mechanisms and neural circuitry of sensory and sensorimotor processes underlying the control of movement. Course Information: Prerequisite(s): KN 252; or KN 231 and KN 233. Recommended background: KN 352 and KN 372.

KN 475. Movement Disorders. 3 hours.
Examines basic and applied understanding of the neural changes in motor function in disease and disorders of movement. This will include peripheral and central motor deficits. Prerequisite(s): KN 352 and KN 372.

KN 491. Professional Preparation. 3 hours.
Advances student employability and graduate school success in five domains: problem solving, communication, team work, adaptability, and emotional intelligence; helps students develop five key skill competencies. Course Information: Prerequisite(s): Junior standing or above. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

KN 493. Practicum in Undergraduate Teaching. 1-3 hours.
Peer instruction experience for undergraduate students. Course Information: May be repeated to a maximum of 6 hours. Students may register for more than one section per term. Prerequisite(s): Students must have successfully completed the course in which they will be assisting (or an equivalent) and obtain consent of the instructor.

KN 494. Special Topics in Kinesiology. 1-3 hours.
Flexible course structure designed to accommodate relevant topics beyond the scope of the current course offerings, with more in-depth analysis of primary literature. Course Information: May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): Depending on topic, specific prerequisites may be required.

KN 495. Senior Seminar. 1 hour.
Challenges students to integrate concepts learned in previous courses to solve problems and come to conclusions on health-related topics. It also prepares students for their immediate post-baccalaureate professional steps. Course Information: Prerequisite(s): Senior standing or above.

KN 496. Special Projects in Kinesiology. 1-3 hours.
Independent research on special projects. Course Information: Prerequisite(s): Approval by graduate faculty member and graduate director.

Korean (KOR)

Courses

KOR 101. Elementary Korean I. 4 hours.
Introduction to Korean language and culture. Intensive practice in speaking, listening, reading, and writing. Course Information: Course is taught in a blended-online format. Extensive computer use is required. A high-speed connection is strongly suggested. Seniors interested in this course must contact the Korean BLP Coordinator.

KOR 102. Elementary Korean II. 4 hours.
A continuation of KOR 101. An elementary level examination of Korean language and culture. Intensive practice in speaking, listening, reading and writing. Course Information: This course is taught in a blended-online format. Extensive computer use is required. A high-speed connection is strongly suggested. Prerequisite(s): Grade of C or better in KOR 101; or appropriate score on the department placement test.

KOR 103. Intermediate Korean I. 4 hours.
A continuation of KOR 102. An intermediate-level examination of Korean language and culture. Intensive practice in speaking, listening, reading, and writing. Course Information: This course is taught in a blended-online format. Extensive computer use is required. A high-speed connection is strongly suggested. Prerequisite(s): Grade of C or better in KOR 102; or appropriate score on the department placement test.

KOR 104. Intermediate Korean II. 4 hours.
This fourth of a four-semester basic language program in Korean and continuation of KOR 103. An intermediate level examination of Korean language and culture. Intensive practice in speaking, listening, reading, and writing. Course Information: This course is taught in a blended-online format. Extensive computer use is required. A high-speed connection is strongly suggested. Prerequisite(s): Grade of C or better in KOR 103; or appropriate score on the department placement test.

KOR 130. Understanding Korean History, Culture and Society through Contemporary Korean Films. 3 hours.
Exploration of contemporary Korean history and culture through film. Course Information: Same as MOVI 130. Taught in English. *UIC GE World Cultures course*.

KOR 201. Advanced Korean I. 3 hours.
The study of Korean at a low-advanced level. Students will be involved with intensive listening, speaking, reading and writing used in low-advanced formal and informal communicative situations. Course Information: Prerequisite(s): Grade of C or better in KOR 104; or appropriate score on the department placement test.

KOR 230. Korean Popular Culture in a Global World. 3 hours.
An introduction to the global phenomenon of Korean popular culture, including music, film, and television. Examines diverse K-Pop themes such as cross-cultural impacts and its possibilities for the future. Course Information: Taught in English. *UIC GE World Cultures course*.

Latin (LAT)

Courses

LAT 101. Elementary Latin I. 4 hours.
Fundamentals of the Latin language. Grammar and reading. Course Information: For students who have no credit in Latin. One additional hour of computer-assisted instruction each week.

LAT 102. Elementary Latin II. 4 hours.
Continues LAT 101. Grammar and reading. Course Information: One additional hour of computer-assisted instruction each week. Prerequisite(s): LAT 101 or the equivalent.

LAT 103. Intermediate Latin I. 4 hours.
Introduction to Roman historians and oratory. Selections from Cicero, Sallust, Livy, and other Latin prose writers. Review of forms and grammar. Course Information: Prerequisite(s): LAT 102 or the equivalent.

LAT 104. Intermediate Latin II. 4 hours.
Completes study of Latin at intermediate level. Latin poetry as well as prose, and grammar. Course Information: Prerequisite(s): LAT 103 or the equivalent. *IAI GECC Humanities course*.

LAT 291. Topics in Latin Prose Authors. 3 hours.
Readings in Latin prose chosen from a single author, period, or single genre. Course Information: Same as CL 291. May be repeated for a maximum of 9 hours if topics vary. Taught in English. Students who register in CL 291 will complete assignments in English translation. Students who register in LAT 291 will complete more than half of the readings in Latin. Prerequisite(s): LAT 104 or equivalent for students who register in LAT 291 only. Recommended background: CL 102. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

LAT 299. Independent Reading. 3 hours.
Individual study under faculty direction. For students qualified by preparation and interest. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): LAT 104 or the equivalent. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

LAT 391. Topics in Latin Poetry. 3 hours.
Advanced readings in Latin poetry chosen from a single author, period, or single genre in different periods. Course Information: Same as CL 391. May be repeated to a maximum of 9 hours if topics vary. Taught in English. Students who register in CL 391 will complete assignments in English translation. Students who register in LAT 391 will complete more than half of the readings in Latin. Prerequisite(s): CL 250 or CL 252 or CL 253; or consent of the instructor; and LAT 291 or the equivalent for students who register for LAT 391 only. Recommended background: CL 102. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

Latin American and Latino Studies (LALS)

Courses

LALS 100. Skills and Career Readiness in Latin American and Latino Studies. 1 hour.
Success skills and career readiness for the major or minor, developing a career plan with an LALS degree, identifying and taking advantage of college resources, and learning to meet university expectations. Course Information: Satisfactory/Unsatisfactory grading. LALS 100 does not count toward the LALS major or minor.

LALS 101. Introduction to Latin American Studies. 3 hours.
Introduction to the major concepts, issues, and debates in the field of Latin American Studies. Overview of history, cultures, and issues of race, ethnicity, gender, class in Latin America. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

LALS 102. Introduction to Latino Studies. 3 hours.
Introduction to the major concepts, issues, and debates in the field of U.S. Latina/o Studies. Overview of the history, cultures, and issues of race, ethnicity, gender, and class among Latinos in the United States. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Fine Arts course, and IAI GECC Humanities course, and UIC GE Past course, and UIC GE US Society course*.

LALS 103. Introduction to Latino Urban Studies. 3 hours.
Demographic, economic, political, cultural, and social dimensions of Latino communities in the United States. Includes Chicanos/Mexicanos Puerto Ricans, Cubans, and Central and South Americans. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE US Society course*.

LALS 104. Introduction to Puerto Rican Studies. 3 hours.
Analysis of historical, cultural, political, social and economic issues of Puerto Rico: the political status of Puerto Rico, problems of cultural identity, migration and economic dependence. *UIC GE Past course, and UIC GE World Cultures course*.

LALS 105. Introduction to Mexican Studies. 3 hours.
Introduction to major issues in the formation of modern Mexico (conquest, Revolution of 1910) and to major historical and contemporary literary works which depict and interpret the Mexican and Mexico. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

LALS 107. Introduction to Nahua Studies. 3 hours.
Survey of key aspects of Aztec (Nahua) society, culture, and language in the era before and during European colonization (1300 CE-present). Introduces basic reading skills in Nahuatl, a major indigenous language in Central Mexico. *UIC GE World Cultures course*.

LALS 108. Indigenous Culture Change in Latin America. 3 hours.
Overview of Latin American indigenous societies from the Precolumbian era to the present, using archaeological, historical, and anthropological findings to analyze the changes and adaptations of native cultures from Latin America. *UIC GE World Cultures course*.

LALS 109. Introduction to Latino Cultures. 3 hours.
Examination of the cultural and artistic productions of U.S. Latinos and/or Latin Americans through historical processes of mainstreaming, transculturation, and hybridity. Course Information: Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Creative Arts course, and UIC GE US Society course*.

LALS 110. Introduction to Latin American Cultures. 3 hours.
Examination of the cultural and artistic productions of Latin Americans and constructions of Latin American heritage and tradition. Class Schedule Information: To be properly registered, students must enroll in one Lecure and one Discussion. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LALS 120. Introduction to Research in Latin American and Latino Studies. 3 hours.
Immersion experience with research in the Latino community. A guided exploration of the research process, including production of a research question, choosing methods for collecting data, and producing a poster presentation to share findings. Course Information: Field work required.

LALS 127. Latin American Music. 3 hours.
Survey class that introduces students to the rich repertoire of music in Latin America. It explores the history of genres, their development, instruments and representative artists in their geographical, social and cultural contexts. Course Information: Same as MUS 127. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LALS 161. Introduction to Latin American History. 3 hours.
Introduction to major themes in Latin American history from pre-Colombian society and the European conquest to the present. Course Information: Same as HIST 161. *UIC GE Past course, and UIC GE World Cultures course*.

LALS 192. Latin American Women Writers in Translation. 3 hours.
Introduction to literature by Latin American women from the seventeenth century to the present. Focus on the role literature has played in the negotiation of gender identities in the private and the public spheres. Course Information: Same as GWS 192 and SPAN 192. Taught in English. Extensive computer use required. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

LALS 217. Human Geography of Latin America including the Caribbean Region. 3 hours.
Culture, settlement, political and economic development problems in Latin America, with special attention to Puerto Rico, the Caribbean Region, and Mexico. Course Information: Same as GEOG 203. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

LALS 220. Latin American Cities in a Global Context: Environment, Employment, and Housing. 3 hours.
Global economic trends impacting Latin American cities, with a focus on three urban planning issues: environment, employment and housing. Growing inequality, precarious employment, spatial segregation, and squatter settlements will be explored. Course Information: Same as US 220. Recommended background: LALS 101. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

LALS 223. Southwestern Archaeology. 3 hours.
Introduction to the archaeology of ancient Native American cultures of the North American Southwest, emphasizing processes of culture change from earliest times until European contact, with focus on current debates and relevant methods and theories. Course Information: Same as ANTH 223. Prerequisite(s): Credit or concurrent registration in ANTH 102; or consent of the instructor.

LALS 225. Racial and Ethnic Groups. 3 hours.
Sociological and social-psychological analysis of racial, religious, and other ethnic groups; consideration of historical and current social problems arising from their relationships in society. Course Information: Same as BLST 225 and SOC 225. Prerequisite(s): SOC 100; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE US Society course*.

LALS 229. Sociology of Latinos. 3 hours.
Examines social, political and economic issues affecting Latino groups. While focusing on the process of racialization, the course also examines immigration, language rights, gender and sexuality, labor market, media, and youth. Course Information: Same as SOC 229. Prerequisite(s): SOC 100 or LALS 102 or SOC 105 or LALS 103; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE US Society course*.

LALS 233. Latinos in Chicago. 3 hours.
Development and dynamics of Chicago's Mexican, Puerto Rican, Cuban, Central and South American communities: settlement, demographics, economics, culture, social institutions and political participation.

LALS 234. Politics of Immigration Enforcement. 3 hours.
How immigrants in the United States have been constructed as a “problem” and ways that authorities have consequently sought to govern them. Topics include nativism, illegalization, criminalization, border policing, detention, deportation, and rights. Course Information: Same as ANTH 246.

LALS 239. Visual Culture of the Ancient Andes. 3 hours.
A survey of the visual expressions, material culture, and built environment of ancient Andean civilization, from the earliest manifestations of societal complexity through the Spanish Conquest, with particular attention to the environmental, ideologi. Course Information: Same as AH 273. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LALS 240. Visual Culture of Ancient Mesoamerica. 3 hours.
A survey of the visual expressions, material culture, and built environment of ancient Mesoamerican civilization, from the earliest manifestations of societal complexity through the Spanish Conquest, with particular attention to the environmental, id. Course Information: Same as AH 274. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LALS 242. Government and Politics of Latin America. 3 hours.
An examination of government and politics in selected Latin American countries. Comparative and historical analysis of dictatorship, democracies, political institutions, and parties. Course Information: Same as POLS 242.

LALS 257. Archaeology of North America. 3 hours.
Introduction to the prehistoric cultures of North America from earliest times until the arrival of Europeans. Course Information: Same as ANTH 226. Prerequisite(s): ANTH 102 or consent of the instructor.

LALS 258. Ancient Civilizations of Mexico and Central America. 3 hours.
Analysis and interpretation of the archaeological evidence on the process of development of native civilization in the Meso-American area from the beginnings of agricultural settlement to the eve of the Spanish conquest. Course Information: Same as ANTH 227 and GEOG 207. Prerequisite(s): ANTH 102; or sophomore standing or above; or consent of the instructor.

LALS 260. Indigenous Storytelling in Latin America. 3 hours.
Study of Legend of the Suns, the Quetzalcoatl cycle, pictographic stories, the Popol Vuh and tales from Huarochirí in the colonial context. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LALS 261. Latin America to 1850. 3 hours.
Provides a survey of the pre-Columbian and early national periods in Latin America. Course Information: Same as HIST 261. Prerequisite(s): ENGL 161; or consent of the instructor.Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

LALS 262. Latin America Since 1850. 3 hours.
Provides an introduction to Latin American socioeconomic, political, and cultural development since 1850 with emphasis on major countries and regions. Course Information: Same as HIST 262. Course is offered in both face-to-face and online formats. Check the class schedule for details on specific sections. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *UIC GE Past course, and UIC GE World Cultures course*.

LALS 263. Latin American Colonial Art. 3 hours.
A survey of Latin American art and architecture from European contact to independence. Course Information: Same as AH 263. Prerequisite(s): Three hours of art history at the 100 level, or consent of the instructor. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LALS 266. Modern Mexico. 3 hours.
Provides an introduction into the social, cultural, and political history of Mexico from the decades after independence to the present. Course Information: Same as HIST 266. Prerequisite(s): ENGL 161; or consent of the instructor.Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

LALS 267. Introduction to U.S. Latinx Literature. 3 hours.
Introductory survey of a wide range of U.S. Latinx literature in various genres and various ethnic, geographical and historical contexts. Course Information: Same as ENGL 267. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Creative Arts course*.

LALS 268. History of Central America. 3 hours.
The human and territorial characteristics of Central America, including facets of Spanish colonialism and the history of revolutions and modernity in the region, including a history of U.S. - Central American relations. Course Information: Same as HIST 269. Prerequisite(s): Completion of the English composition requirement. *UIC GE Past course*.

LALS 269. Latin American Environmental Studies. 3 hours.
Overview of environmental challenges in Latin America caused by mining, export agriculture, petroleum exploration, urbanization, and climate change. Social and political responses to environmental change and conservation regulation. Course Information: Recommended background: EAES 101. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

LALS 270. Ethnography of Meso-America. 3 hours.
Survey of the contemporary indigenous cultures of Meso-America, studied against their pre-conquest history and in their development since the Spanish Conquest. Course Information: Same as ANTH 277. Prerequisite(s): ENGL 161. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

LALS 274. The Politics of Blackness in Latin America. 3 hours.
Examines race, culture, and politics in Latin America from historical and contemporary perspectives with a particular emphasis on the latter half of the 20th century and the beginning of the 21st century. Course Information: Same as BLST 274 and POLS 274. Recommended background: Three credit hours in BLST or LALS or POLS.

LALS 275. Gender in Latin America. 3 hours.
Latin American women in historical perspective from pre-Columbian and Iberian societies to the present. Course Information: Same as GWS 275 and POLS 275. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Past course, and UIC GE World Cultures course*.

LALS 276. Latinas in the United States. 3 hours.
Socioeconomic conditions and cultural experiences of Latinas in the U.S. Historical and contemporary views of labor, health, education, family, identity formation and leadership. Course Information: Same as GWS 276, and SOC 226. Grade of C or better in ENGL 160; Grade of C or better or concurrent registration in ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE US Society course*.

LALS 277. Issues of Race, Class, and Gender Among Latinos. 3 hours.
Institutional, cultural and psychological components of race, class, and gender relations. Institutional inequality, questions of assimilation and identity, attitudes, and effects of inequality on community.

LALS 278. Latin American/Latino Film Studies. 4 hours.
Introduction to the history and major aesthetic movements of Latin American cinema. Course Information: Same as MOVI 278 and SPAN 278. Taught in English. Includes a film screening component. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LALS 283. Latinos and Politics. 3 hours.
Latino politics and politicians in the context of the American political system. The political system, Latino participation, experience, and research on political processes. Course Information: Same as POLS 209. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE US Society course*.

LALS 286. Issues in Latino Identity. 3 hours.
Examines one or more topics of central importance to U.S. Latino populations. Topics may be related to such issues as youth, migration, family, religion, or cultural production.

LALS 288. History of Modern Puerto Rico. 3 hours.
Survey of political and socioeconomic history from 1868 to the present. Course Information: Same as HIST 288.

LALS 289. Latina/o History. 3 hours.
Latinas/os in the United States from the colonial era to the present. Empire and imperialism, migration and citizenship, diversity and community formation, politics, labor, activism, and transnational ties to Latin America. Same as HIST 289. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course*.

LALS 290. Mexican-American History. 3 hours.
The political, social, economic, and cultural development of the Mexican people in the U.S. from colonial times until the present. Course Information: Same as HIST 290. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

LALS 291. Topics in Latin America. 3 hours.
In-depth focus on a particular theme or topic relating to Latin American society, politics, culture, or economics. Course Information: May be repeated. Students may register in more than one section per term. Recommended background: LALS 101.

LALS 292. Topics in Latino Studies. 3 hours.
In-depth focus on a particular theme or topic relating to Latinos in the US or transnational issues relating to society, politics, culture, or economics. Course Information: May be repeated. Students may register in more than one section per term.

LALS 295. Latino Literary Studies. 3 hours.
Major trends, genres, works, themes, and writers related to Latino history and culture, mainstream and minority U.S., Latin American and third world literatures. Course Information: Same as ENGL 295 and SPAN 295. *UIC GE Creative Arts course, and UIC GE US Society course*.

LALS 296. Latin American and Latino Studies Study Abroad. 3 hours.
International field work exploring cultural, historical, and sociopolitical issues of different communities within Latin American and Latino Studies. Course Information: May be repeated to a maximum of 6 hours. Taught in English. Field trips required at a nominal fee. Field work required. Students must apply and be accepted by the UIC Study Abroad Office in order to register for this course. Visit www.studyabroad.uic.edu for more information. Prerequisite(s): Acceptance to the program via the Study Abroad Office application process and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

LALS 299. Independent Study. 3-6 hours.
Individual reading or research project and paper in Latin American or U.S. Latino Studies, with instructor's consent and supervision. Course Information: May be repeated to a maximum of 9 hours. Students may register in more than one section per term. Prerequisite(s): A 2.50 grade point average. Open to undergraduate students with consent of the appropriate instructor and the Latin American and Latino Studies director. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

LALS 301. Research Methods in Latin America and Latino Studies. 3 hours.
An examination of various research methods used in Latin America and Latino Studies. Qualitative research methods used in the humanities and social sciences with emphasis on how to formulate ideas, develop them, and carry out a research project. Course Information: Prerequisite(s): Two 200-level LALS courses; LALS major or minor or consent of the instructor; junior standing or above or consent of the instructor.

LALS 302. Research Workshop in Latin American and Latino Studies. 3 hours.
Workshop where students will engage in individual research projects related to Latin American and/or Latino Studies. Course Information: Prerequisite(s): LALS 301, junior standing or above, and consent of the instructor.

LALS 304. Introduction to Spanish Creative Writing for Heritage Speakers. 3 hours.
Exploration of writing tools through analysis of Spanish literary texts and through creative writing exercises. Course Information: Same as SPAN 304. This course may not be used to satisfy the prerequisite for ENGL 490, ENGL 491, or ENGL 492. Extensive computer use required. This course is intended for heritage students, but may be taken by students demonstrating near-native writing proficiency with the permission of the course instructor. Prerequisite(s): Grade of C or better in SPAN 204; or consent of the instructor. Recommended background: Grade of C or better in SPAN 210.

LALS 328. Child Migration Across the Americas. 3 hours.
Examines why and how migrant children have played a central role in the past and present migratory dynamics of the Americas. Course Information: Same as ANTH 328.

LALS 333. Undocumented Social Movements. 3 hours.
Undocumented coalitions, visibility, and refusal. Poetry, films, artivism, movement journalism, and secondary readings. Visibility, claiming and redefining citizenship, and building power alongside other racialized communities. Course Information: Same as ANTH 333.

LALS 335. Latinx Sound Studies. 3 hours.
Experience and experiment with sound to imagine and enact social identities and leverage political power. Intersections of race, class, gender and sexuality, geography and citizenship through sounded and aural frameworks. Course Information: Same as COMM 334.

LALS 337. Latino/a Religions in the US. 3 hours.
How Latinx communities venerate ancestors and deities, create and remake sacred space, practice healing, and organize politically through the lens of of documentaries, fiction and literature, visual art, and ethnographic studies. Course Information: Same as RELS 337.

LALS 348. Seminar: Political Problems of Developing Societies. 3 hours.
Selected aspects of the politics and countries of Asia, Africa and Latin America. Course Information: Same as POLS 348. Prerequisite(s): POLS 200 and POLS 130; or consent of the instructor.

LALS 367. Latinx Literature. 3 hours.
Development of Latinx literature from different historical periods and diasporic communities. Analysis of political and social concerns relevant to Latinx literature and culture. Course Information: Same as ENGL 367. Previously listed as LALS 353. Recommended background: Any of LALS 101-102 or ENGL 207, 209, or 267.

LALS 376. Politics of the Latinx Body. 3 hours.
Focuses on the social construction of raced, gendered, and sexed bodies as deviant, abnormal, and pathological, and on how such bodies are rendered objects of surveillance, discipline, and regulation. Particular attention is paid to Latinx bodies.

LALS 380. Social Movements in Latin America. 3 hours.
The different ways in which different groups have used non-traditional means to change the social and political circumstances that have conditioned their lives. Course Information: Prerequisite(s): One course in LALS or consent of the instructor.

LALS 385. Latino Social Movements in the United States. 3 hours.
Activism and social movements of Latina/o populations in the United States. Topics may include labor organizing, civil rights and power movements, immigrant mobilizations, feminism, and environmental justice. Course Information: Prerequisite(s): One course in LALS or consent of the instructor.

LALS 391. Seminar in Latin American Studies. 3 hours.
Diverse aspects of modern Latin American society, politics, culture and economics from the wars of independence to contemporary times. Course Information: May be repeated to a maximum of 6 hours. Recommended background: LALS 101.

LALS 395. Seminar in Latino Studies. 3 hours.
Diverse aspects of the U.S. Latino experience at more theoretical and advanced levels. Course Information: May be repeated to a maximum of 6 hours. Recommended background: LALS 102.

LALS 403. Interdisciplinary Research Methods in Latin American and Latino Studies. 3 or 4 hours.
Examination of research methods in social sciences and current trends in Latin American and Latino Studies. Emphasis on critical analysis of research methods, use of analytical approaches for particular kinds of investigation, and hands on application to case studies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Graduate standing. Undergraduates may register with consent of the instructor. Recommended background: Credit or concurrent registration in LALS 501.

LALS 408. Global Black Feminisms. 3 or 4 hours.
Examines transnational, Third Wave and Third World Black feminist approaches to global politics from historical and contemporary perspectives with a particular emphasis on the late 20th century and the beginning of the 21st century. Course Information: Same as BLST 408 and GWS 408. 3 undergraduate hours. 4 graduate hours. Recommended background: Undergraduate students: at least three credit hours in BLST or GWS or LALS.

LALS 417. Latina and Latin American Feminist Thought. 3 or 4 hours.
Chicana/Latina and Latin American feminist texts and methods. Differential consciousness, spirituality (spiritual activism and spiritual mestizaje), curanderismo, and decolonial epistemologies. Course Information: Same as GWS 417.

LALS 422. Chicanas and Latinas: Self and Society. 3 hours.
The experiences of Chicanas and Latinas through the lens of contemporary sociological research. Topics to be discussed include: community formation and activism, feminisms, sexuality, religion, health, family, immigration, education, work, media, etc. Course Information: Same as SOC 422.

LALS 423. Andean Prehistory. 3 or 4 hours.
An overview of the cultural evolution of the Andean region from the arrival of the first inhabitants to the development of the Inca empire. Course Information: Same as ANTH 423. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ANTH 269 or consent of the instructor.

LALS 425. Urban Field Research in Latino/a Communities. 3 or 4 hours.
Field work in Chicago Latino/a neighborhoods. Observing, taking field notes, analyzing issues of workforce, homelessness, street vending, affordable housing, community organizing, educational infrastructure, environmental degradation, gentrification. Course Information: 3 undergraduate hours. 4 graduate hours. Field work required. Prerequisite(s): LALS 403.

LALS 428. Latin@ Futurity. 3 or 4 hours.
An exploration of utopic and dystopic imaginations in Latin@ literature, media, and popular culture. Discusses coloniality, precarity, an alternate timeline as (re)imagined through queer, indigenous, and femme epistemologies. Course Information: 3 undergraduate hours. 4 graduate hours. Same as COMM 428.

LALS 433. Latin American Migration to the U.S. 3 or 4 hours.
Latin American migration to the U.S. International migration theories, family remittances, transnational linkages, dual citizenship, and past and current U.S. immigration policy debates. Course Information: Same as SOC 433. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): One course in LALS or SOC; or consent of the instructor.

LALS 434. Literature of the Americas. 3 or 4 hours.
Transnational or hemispheric approach to Latin American literature. Writers whose work moves back and forth between nations. Identities across borders, languages, and nations. Course Information: Same as ENGL 434. 3 undergraduate hours. 4 graduate hours.

LALS 436. Borders and Borderlands: Method and Theory. 3 or 4 hours.
Borders as theory and method in Latino/a and Latin American Studies. Borders and bordering practices, mobile, transnational communities, mapping and policing, and migrant mobility and autonomy. Course Information: 3 undergraduate hours. 4 graduate hours.

LALS 437. Global Migrations Across the Americas. 3 or 4 hours.
Processes of migrant mobilities and control in the Americas. Structural causes, social groups, and role of global inequality. Case studies in the US and Latin America regarding the securitization of migration and growth patterns in migrant mobility. Course Information: Same as ANTH 435. 3 undergraduate hours. 4 graduate hours.

LALS 461. Topics in Latin American History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 461. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history, Latin American and Latino studies, or consent of the instructor.

LALS 465. Asian Diasporas in Latin America. 3 or 4 hours.
Examines Asian migration to Latin America, covering topics such as labor and economic systems, transnational networks, community building, racism, identity, and serial migration. Course Information: Same as GLAS 465 and HIST 465. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in GLAS 100 or Grade of C or better in HIST 161. Recommended background: HIST 264.

LALS 466. Criminal Governance in Latin America. 3 or 4 hours.
Emergence of criminal politics in Latin America. Engagement of politicians, organized crime actors, and state agents in the pursuit goals (economic, political, personal). Root sources, logic and consequences of this new, prevalent order. Course Information: Same as POLS 466. 3 undergraduate hours. 4 graduate hours.

LALS 467. Topics in Latinx Literature. 3 or 4 hours.
Study of a specific topic in Latinx literature and literary studies, which may examine a single or select group of authors, a particular genre, or a particular regional or aesthetic focus. Topics vary. Course Information: Same as ENGL 467. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time. Previously listed as ENGL 442. Recommended background: ENGL 207, ENGL 208, ENGL 209, ENGL 327 or LALS 101, LALS 102; junior standing or above.

LALS 476. Latinx Youth: Coming of Age in the U.S. 3 or 4 hours.
Discursive and cultural positioning of Latina/o/x youth in the US. Explores how youth shape identity, culture, education, politics, community. Using concept of intersectionality, explores links to gender, class, and sexuality. Course Information: 3 undergraduate hours; 4 graduate hours. Same as GWS 476 and SOC 474.

LALS 491. Topics in Latin American Studies. 3 or 4 hours.
In-depth study of selected topics such as state formation, education, populism, the family, democratization, industrialization, and ideological currents in Latin America. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register for more than one section per term. Prerequisite(s): One LALS course or consent of the instructor.

LALS 495. Topics in Latino Studies. 3 or 4 hours.
In-depth study of topics in Latino studies, including communities and current issues from an interdisciplinary perspective. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if. Students may register for more than one section per term. Prerequisite(s): One LALS course or consent of the instructor.

LALS 497. Community Research Internship. 3 or 4 hours.
Work in community-based organizations and cultural institutions to develop experiential knowledge about social, political and cultural issues facing Latinos and Latin Americans. Placements introduce issues of ethnicity, identity, and transnationalism. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above and consent of the instructor. Concurrent registration in LALS 498. Recommended Background: LALS 403.

LALS 499. Advanced Independent Study. 1-4 hours.
Individual advanced reading or research project in Latin American or U.S. Latino studies, with instructor's consent and supervision. Course Information: May be repeated to a maximum of 8 hours. Students may register in more than one section per term. Prerequisite(s): Open, with consent of the instructor, to graduate students and Latin American and Latino studies majors with at least a 3.00 grade point average. Students in other programs or with lower than a 3.00 grade point average are admitted at the instructor's discretion only. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

Liberal Arts and Sciences (LAS)

Courses

LAS 110. Experience UIC. 1 hour.
Introduction to campus and college resources that support transition to university life and foster a sense of belonging. Strategies for developing academic and professional goals, engaging with classmates and faculty, and attaining academic success. Course Information: Satisfactory/Unsatisfactory grading only. Strongly recommended for LAS first-year students. Field trips outside of class hours required.

LAS 120. Career Readiness and Major Exploration. 1 hour.
Support for LAS undeclared students to align their skills, strengths, interests, values and motivations to make informed decisions about their academic and career paths. Course Information: Extensive computer use required. Taught over 8 weeks. Support for undeclared second-semester first-year students in their major exploration. Prerequisite(s): Open only to freshmen.

LAS 200. LAS Career Success and Professional Development. 1 hour.
Strategies and tools to promote major exploration, career readiness, and confidence building; articulate the value of an LAS degree; and develop a professional network. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as LAS 101. Extensive computer use required. Meets eight weeks of the semester.

LAS 289. LAS Internship. 1-3 hours.
An opportunity to connect internship experiences to future career interests and goals through development and exploration of professional identity, best practices of professionalism and networking, and understanding of workplace cultures. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 6 hours. An internship must be secured before enrolling in the course. Some sections may be offered fully online. Use of a computer and internet access are required for online sections. A high speed connection, while not required, is strongly suggested. Credit cannot be applied toward the major. Credit earned in course counts toward the limit on credit for internships. One internship course per semester is allowed. Prerequisite(s): A cumulative grade point average of 2.50, completion of 30 hours of course work; transfer students must have completed 12 hours of coursework at UIC. Approval by the LAS Internship Program Office.

LAS 294. Topics in Liberal Arts and Sciences. 3 hours.
Study of a specific intermediate topic in the liberal arts. Course Information: May be repeated for credit if topic is different for each registration. Students may register for more than one section per term. Prerequisite(s): Consent of the instructor.

LAS 296. Independent Study in Liberal Arts and Sciences. 1-3 hours.
Individual study and other special projects supervised by a faculty member. Course Information: No more than 16 semester hours of independent study credit in any discipline may apply toward the degree. Prerequisite(s): Approval of the Department.

LAS 299. Liberal Arts and Sciences Study Abroad. 0-18 hours.
Provides credit for foreign study. Student's proposal for study abroad must have prior approval of the major department and the College of Liberal Arts and Sciences office. Final determination of credit is made on the student's completion of the work. Course Information: May be repeated for a maximum of 36 hours per academic year or for a total of 48 hours, all of which must be earned within one calendar year. Determination of the number of credits to be granted is part of the proposal approval process. For more information, visit the Study Abroad office website at https://studyabroad.uic.edu/. Prerequisite(s): Approval of the student's major department and the College office, and the Study Abroad Office.

LAS 490. International Student Exchange Program. 0-18 hours.
The Student Exchange Program enables the reciprocal exchange of students between UIC and colleges or universities in other countries. There are a variety of programs tailored to meet the needs of both graduate and undergraduate students. Course Information: May be repeated for a maximum of 36 hours per academic year or for a total of 48 hours, all of which must be earned within one calendar year. Determination of the number of credits to be granted is part of the proposal approval process. Students from other UIC Colleges and Schools are eligible for the program. For more information, visit the Study Abroad Office website at https://studyabroad.uic.edu/. Prerequisite(s): Approval of the student's major department, the LAS College office, and the Study Abroad Office. Consent of the Instructor.

LAS 494. Topics in Cultural Studies. 3 or 4 hours.
An interdisciplinary approach to a current cultural debate. Topics will vary. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Taught at the Field Museum.

LAS 495. The Newberry Library Undergraduate Seminar. 6 hours.
Seminar with a topic related to the holdings of the Newberry Library. Classes held in Newberry Library. Topics vary. Course Information: May be repeated if topics vary. Previously listed as LAS 395. Students are required to conduct research at the Newberry Library beyond designated class hours. Pre-tour of the Newberry is recommended. Prerequisite(s): Consent of UIC's Newberry Library seminar coordinator.

Library and Information Science (LIB)

Courses

LIB 399. Research Experience in Library and Information Science. 1-3 hours.
Research experience in Library and Information Science under the guidance of a faculty member who will act as research supervisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Consent of the instructor.

Linguistics (LING)

Courses

LING 150. Introduction to the Study of Language. 3 hours.
The nature of human language, including analysis of structure and use in social context. Course Information: May be offered in a traditional, blended, or online remote format. Check the class schedule for specifics. For both the online and hybrid ("blended-online") formats, computer and internet access are required. A high-speed connection is strongly suggested. *UIC GE Individual and Society course*.

LING 160. Language and Society. 3 hours.
Language and its social context: linguistic variation and diversity in the community involving bilingualism, language contact, dialects, style, class, gender, age, and change. Course Information: May be offered in a traditional, blended, or online remote format. Check the class schedule for specifics. For both the online and hybrid ("blended-online") formats, computer and internet access are required. A high-speed connection is strongly suggested. Recommended background: LING 150. *UIC GE Individual and Society course, and UIC GE US Society course*.

LING 170. Languages of the World. 3 hours.
A survey of the world's languages: their cultural origins, relationships, similarities, and differences. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

LING 201. Medical Terminologies: Ancient Roots in Modern Medicine. 3 hours.
The structure and formation of technical terms used in the health sciences, based on roots and elements from Greek and Latin. Course Information: Same as CL 201.

LING 206. Introduction to the Philosophy of Language. 3 hours.
Philosophical issues concerning meaning, the relationship between language and thought, how language is to be distinguished from other forms of communication, and how truth relates to meaning. Course Information: Same as PHIL 206. Recommended background: One non-logic course in philosophy. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

LING 210. Introduction to Natural Language Syntax. 3 hours.
An introduction to concepts and methodologies for the syntactic analysis of natural language. Emphasis on recursive phrase structures, feature structures, and feature dependencies. Course Information: Prerequisite(s): LING 150; or consent of the instructor. Recommended Background: ENGL 200.

LING 220. Introduction to Phonetics and Phonology. 3 hours.
This introduction to concepts and methodologies for the phonetic and phonological analysis of natural language emphasizes the description and analysis of phonological patterns using feature specification and analysis of acoustic properties of speech. Course Information: Extensive computer use required. A high-speed connection, while not required, is strongly suggested. Prerequisite(s): LING 150; or consent of the instructor.

LING 230. Semantics, Pragmatics, and Discourse. 3 hours.
An introduction to the core issues in semantics, pragmatics, and discourse studies. Emphasis is on lexical semantics, meaning as conceptualization, relation between pragmatics and semantics, and relation between pragmatics and discourse structuring. Course Information: Prerequisite(s): LING 150; or consent of the instructor.

LING 260. Language Acquisition, Language Contact and Bilingualism. 3 hours.
The social and psychological aspects of three major areas of language acquisition and use will be addressed: child language acquisition, adult second language acquisition and bilingualism/language contact. Course Information: May be offered in a traditional, blended, or online remote format. Check the class schedule for specifics. For both the online and hybrid ("blended-online") formats, computer and internet access are required. A high-speed connection is strongly suggested. Prerequisite(s): ENGL 160. Recommended background: LING 150 or LING 160 or a similar course. *UIC GE Individual and Society course, and UIC GE US Society course*.

LING 270. Language in Healthcare. 3 hours.
Review and practice of research on linguistic and cultural factors in (mis)communication in healthcare settings. Course Information: Field work required. Fieldwork will take place during regularly scheduled class time (approximately 6 of 45 contact hours) and outside of class as homework assignments. Recommended background: LING 150 or LING 160.

LING 300. Seminar in Linguistic Analysis. 3 hours.
Special topics course introduces students to the current developments and tools in a specific area of linguistic analysis; provides students with in-depth understanding of the theoretical issues and methodologies in the topic area. Course Information: May be repeated if topics vary. Only 6 hours may be counted towards a major or minor in the Department of Linguistics. Students may register for more than one section per term. Prerequisite(s): LING 150; or consent of the instructor. Recommended background: At least one of LING 210, LING 220, or LING 230.

LING 310. Language and Discrimination. 3 hours.
Analyzes how language is used to discriminate in education, policy, law, work, media, technology, and other fields using seminal texts, case studies, and authentic examples from global and local perspectives. Course Information: Prerequisite(s): LING 150. Recommended background: LING 160.

LING 320. Linguistics and Speech-Language Pathology. 3 hours.
Examines the intersections of linguistics and speech-language pathology throughout historical periods, in communication development throughout an individual's lifetime and current trends in both fields. Course Information: Extensive computer use required. The course may be offered in 8 or 15 weeks. Class format varies by section. Check the class schedule for details. Online sections involve heavy computer usage; computer and internet access are required. Prerequisite(s): LING 150 and LING 220; or consent of the instructor. Recommended background: Credit or concurrent registration in LING 160 or LING 260 or LING 300 or LING 310.

LING 330. A Linguistic Introduction to Chinese. 3 hours.
A linguistic introduction to Chinese including sounds/tones, words, and sentence patterns; regional and social dialects; evolution of writing system; language policies; language contact and change; Chinese L2 acquisition; Chinese language communities. Course Information: Same as CHIN 330. Taught in English. Extensive computer use required. The course may be offered in 15 weeks or 8 weeks. Class format varies by section. Check the class schedule for details. Online sections involve heavy computer usage; computer and internet access are required. Prerequisite(s): CHIN 101; or appropriate score on the department placement test; or consent of the instructor. Recommended background: LING 150.

LING 340. Vocabulary in Action: How do we learn, process, and use words as multilinguals? 3 hours.
Helps students understand multilingual vocabulary acquisition, processing and usage. Students will additionally learn how to use corpus research tools. Course Information: Taught in English. Extensive computer use required. Class format varies by section. Check the class schedule for details. Online sections involve heavy computer usage; computer and internet access are required. Prerequisite(s): LING 150; or consent of the instructor. Recommended background: LING 260.

LING 350. Are Algorithms Biased. 3 hours.
Guides students to explore aspects of how human bias is reflected in algorithms that are increasingly used in daily interactions with a focus on biases in language technologies. Course information: Extensive computer use required. The course may be offered in 15-weeks or 8-weeks. The course may be offered online. Prerequisite(s): Grade of C or better in LING 150; or consent of the instructor. Recommended background: LING 310.

LING 360. Basic Statistics for Language Research. 3 hours.
Introduction to basic statistical techniques and procedures for quantitative research in language science working with R under the RStudio environment. Course Information: Extensive computer use required. Prerequisite(s): LING 150; or consent of the instructor. Recommended background: MATH 180; and Credit in at least one 200-level LING course.

LING 370. Introduction to Computational Linguistics. 3 hours.
Explores how computers process data for language research, specifically focusing on how to apply NLP techniques to language-data-related tasks using Python. Course Information: Extensive computer use required. Prerequisite(s): LING 150; or consent of the instructor. Recommended background: Credit in at least one 200-level LING course.

LING 402. Trial Interaction. 3 or 4 hours.
Language use, culture, and law in the trial process. Analysis of qualitative methods applied to legal processes and change. Course Information: Same as CLJ 402. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CLJ 261 and CLJ 350; or consent of the instructor.

LING 405. Introduction to General Linguistics. 3 or 4 hours.
Linguistics, the scientific study of language as knowledge, structure, and use, involves Phonetics, Phonology, Morphology, Syntax, Semantics, and Pragmatics. Introduction to Linguistics explores these disciplines. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above; or consent of the instructor.

LING 406. History of European Standard Languages. 3 or 4 hours.
The phenomenon of the "standard language" in Western and Eastern Europe. Course Information: Same as CEES 406 and LCSL 406. 3 undergraduate hours. 4 graduate hours. Taught in English. In cases where students speak languages other than English, they might receive tasks to research literature in that language (and on that language) and to present their research results. Prerequisite(s): Junior standing or above; and consent of the instructor.

LING 410. AI for Language Research. 3 or 4 hours.
Comprehensive exploration of the intersection between AI and language sciences, with emphasis on how to address linguistic inquiries by way of computational methods and techniques. Course Information: 3 undergraduate hours. 4 graduate hours. Taught in English. Extensive computer use required. Prerequisite(s): A 200-level LING course and LING 370; or consent of the instructor. Recommended background: Credit in LING 360.

LING 440. Language and Gender. 3 or 4 hours.
Examination of sociolinguistic research and theories on the interrelationships between language and gender, including gender categories in linguistic systems, gender differences in language use, interaction, and cross-cultural comparisons. Course Information: Same as GWS 440. 3 undergraduate hours. 4 graduate hours. Previously listed as LING 540. Prerequisite(s): Junior standing or above; or consent of the instructor.

LING 459. Topics in Linguistics. 3 or 4 hours.
Topics vary. Course Information: Same as LCSL 459. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Only 6 hours may be counted towards a major or minor in the Department of Linguistics. Students may register for more than one section per term. Prerequisite(s): Consent of the instructor.

LING 480. Sociolinguistics. 3 or 4 hours.
The study of language structure and use involving socially-informed pragmatics, ethnography of communication, sociolinguistic variation and dialectology, and issues of bilingualism. Course Information: Same as ANTH 480. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): LING 405; and junior standing or above; or consent of the instructor.

LING 483. Methodology of Second Language Teaching. 3 or 4 hours.
Approaches, methods, and techniques for teaching second languages with a focus on speaking, listening, writing, reading, and on assessment and curriculum/syllabus design. Course Information: Same as LCSL 483. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above and consent of the instructor.

LING 487. Computer Assisted Language Learning. 3 or 4 hours.
An introduction to computer assisted language learning (CALL): the use of computer technology in second language reading and research. The effectiveness of CALL technology is assessed based on SLA theory and research studies. Course Information: Same as GER 487 and SPAN 487. 3 undergraduate hours. 4 graduate hours. Taught in English. Extensive computer use required. Prerequisite(s): LING 483 or CIE 483 or GER 448 or FR 448 or SPAN 448 or GER 449 or FR 449 or SPAN 449; or SPAN 502 or FR 502 or the equivalent; and senior standing or above.

LING 496. Independent Study. 1-4 hours.
Students are assigned to this course at the discretion of the department. Independent study in an area of linguisitics not normally covered by regular course offerings. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. A maximum of 6 hours is allowed for undergraduate students, and 8 hours of credit for graduate students. Prerequisite(s): 9 hours of linguistics and approval of the head of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

Literatures, Cultural Studies, and Linguistics (LCSL)

Courses

LCSL 101. Less Commonly Taught Languages I. 4 hours.
Elective language course offerings in LAS or through the CIC Course Share program. Course Information: May be repeated for credit. May be repeated for credit if the language offered is different. Does not award language proficiency credit.

LCSL 102. CIC Course Share Foreign Langauge II. 4 hours.
Holding course for UIC students taking approved foreign language coursework at other institutions through the CIC CourseShare program. Course Information: May be repeated. Students may register in more than one section per term. Consult with College of Liberal Arts and Sciences CIC coordinator regarding CourseShare opportunities. Prerequisite(s): Must be enrolled in the College of Liberal Arts and Sciences and meet prerequisite requirements of the offering institution and approval of the CIC CourseShare coordinator.

LCSL 103. CIC Course Share Foreign Langauge III. 4 hours.
Holding course for UIC students taking approved foreign language coursework at other institutions through the CIC CourseShare program. Course Information: May be repeated. Students may register in more than one section per term. Consult with College of Liberal Arts and Sciences CIC coordinator regarding CourseShare opportunities. Prerequisite(s): Must be enrolled in the College of Liberal Arts and Sciences and meet prerequisite requirements of the offering institution and approval of the CIC CourseShare coordinator.

LCSL 104. CIC Course Share Foreign Langauge IV. 4 hours.
Holding course for UIC students taking approved foreign language coursework at other institutions through the CIC CourseShare program. Course Information: May be repeated. Students may register in more than one section per term. Consult with College of Liberal Arts and Sciences CIC coordinator regarding CourseShare opportunities. Prerequisite(s): Must be enrolled in the College of Liberal Arts and Sciences and meet prerequisite requirements of the offering institution and approval of the CIC CourseShare coordinator.

LCSL 244. Food and the Cultural Imagination. 3 hours.
Exploration of the intersections of food, politics, and the cultural imagination within a European and international context, with an emphasis on values associated with food and eating as conveyed in film, literature, and popular culture. Course Information: Same as GER 244. Taught in English. *UIC GE World Cultures course*.

LCSL 250. Introduction to Comparative Cultural Studies. 3 hours.
Debates in comparative cultural studies, global arts and world literatures. Emphasis on diverse worldviews across Europe, Latin America, Francophone cultures. Competencies developed: critical thinking, equity & inclusion, intercultural communication. Course Information: Prerequisite(s): Completion of the English Composition requirement. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LCSL 260. Tales of Healing: Intro to Narrative Medicine. 3 hours.
Exploration of the role of stories in defining and treating illness and helping us cope in times of crisis. Traces how medical ideas and history find reflection in literature and how literary concepts get utilized in medicine. Course Information: Taught in English. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

LCSL 261. The Image of Health: Visuality and Medicine. 3 hours.
Approaches to visual thinking strategies in art and medicine as vital for clinical, medical practice and patient care. Course Information: Taught in English. Extensive computer use required. Field trip required at a nominal fee. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

LCSL 275. Encoding Text Cultures: Reading with AI in the Humanities. 3 hours.
What does it mean to think about literary and cultural texts as data? Exploration of the ways in which computational approaches enrich, challenge, and transform how we read texts and engage with subjects in text-based humanities. Course Information: Extensive computer use required. *UIC GE Creative Arts course*.

LCSL 285. Zombies, Plagues, and Other Pandemics in Literature and Visual Media. 3 hours.
Pandemics and their effects on human beings on a physical, emotional, and societal level, as seen through literature and visual media across nations. Course Information: Same as ITAL 285 and SPAN 285. Taught in English. Extensive computer use required. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

LCSL 294. Topics in Cultural Studies Abroad. 3 hours.
Immersive learning experience abroad; topics may include cultural, historical, social, political, or economic issues pertaining to the location of study. Course Information: Taught in English unless otherwise noted. Participation requires admission to the relevant UIC Study Abroad program. For more information, visit the Study Abroad Office website at https://studyabroad.uic.edu. Prerequisite(s): Consent of the instructor. *UIC GE World Cultures course*.

LCSL 296. Independent Study. 1-3 hours.
Independent reading or research under the supervision of a faculty member. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Sophomore standing or above; and consent of the instructor.

LCSL 391. Internship in Global Studies. 3 hours.
Professional field experience with an international agency or organization in the private or public sector.

LCSL 392. Internship in Global Engagement and Public Humanities. 0-3 hours.
Professional field experience with an international agency or organization in the private or public sector. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Completion of one year of a basic language program and approval of a pre-arranged internship by the School of Literatures, Cultural Studies and Linguistics. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

LCSL 406. History of European Standard Languages. 3 or 4 hours.
The phenomenon of the "standard language" in Western and Eastern Europe. Course Information: Same as CEES 406 and LING 406. 3 undergraduate hours. 4 graduate hours. Taught in English. In cases where students speak languages other than English, they might receive tasks to research literature in that language (and on that language) and to present their research results. Prerequisite(s): Junior standing or above; or consent of the instructor.

LCSL 459. Topics in Linguistics. 3 or 4 hours.
Topics vary. Course Information: Same as LING 459. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Only 6 hours may be counted towards a major or minor in the Department of Linguistics. Students may register for more than one section per term. Prerequisite(s): Consent of the instructor.

LCSL 483. Methodology of Second Language Teaching. 3 or 4 hours.
Approaches, methods, and techniques for teaching second languages with a focus on speaking, listening, writing, reading, and on assessment and curriculum/syllabus design. Course Information: Same as LING 483. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above and consent of the instructor.

Lithuanian (LITH)

Courses

LITH 101. Elementary Lithuanian I. 4 hours.
Basic grammar and vocabulary; developing effective speaking skills. Students will be introduced to the Lithuanian culture. Course Information: Extensive computer use required. For students who have had no formal work in Lithuanian. This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended.

LITH 102. Elementary Lithuanian II. 4 hours.
Continuation of LITH 101. The objective of the course is to provide students with basic skills for understanding and speaking Lithuanian. Course Information: Four additional half hours each week in the language laboratory. The class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): Grade of C or higher in LITH 101 or appropriate score on the departmental placement test.

LITH 103. Intermediate Lithuanian I. 4 hours.
Further development of grammar and vocabulary; developing effective communicative skills. Students will be introduced to Lithuanian culture. Course Information: Extensive computer use required. This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): Grade of C or better in LITH 102; or appropriate score on the department placement test.

LITH 104. Intermediate Lithuanian II. 4 hours.
Builds upon the previous three terms work. It continues the development of students' reading, speaking, listening, and writing skills in Lithuanian. Course Information: This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): Grade of C or higher in LITH 103 or appropriate score on the department placement test. *IAI GECC Humanities course*.

LITH 115. Lithuanian Culture. 3 hours.
A thematic study of Lithuanian culture from antiquity to the present in an historical and political context. Course Information: Knowledge of Lithuanian is not required. *IAI GECC Humanities course, and UIC GE World Cultures course*.

LITH 130. Lithuanian Prose Fiction in International Context. 3 hours.
Analysis of Lithuanian prose fiction with reference to its major influences from Europe, North and South America; the development of international style. Course Information: Taught in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

LITH 221. Lithuanian Literature I. 3 hours.
Reading and analysis of the works of selected nineteenth- and twentieth-century authors. The evolution of Lithuanian literature up to 1940. Course Information: Taught in English.

LITH 222. Lithuanian Literature II. 3 hours.
Reading and analysis of the works of selected authors from 1940 to the present. Course Information: Taught in English. Prerequisite(s): LITH 221.

LITH 230. Lithuanian Literature Abroad. 3 hours.
Lithuanian writers in exile: themes, trends in development, comparison with writers in Lithuania; influences of the new environment, writing in English. Course Information: Taught in English.

LITH 399. Independent Study. 1-3 hours.
Investigation of special problems under the general direction of a staff member. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Junior standing, consent of the instructor and the head of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

LITH 499. Independent Study. 1-4 hours.
Investigation of special problems under the general direction of a staff member. Course Information: May be repeated to a maximum of 8 hours. Graduate students may register for more than one section per term; undergraduates may only register for one section per term. Prerequisite(s): Senior or graduate standing, consent of the instructor and the head of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

Management (MGMT)

Courses

MGMT 115. Introduction to Global and Cross-Cultural Studies. 3 hours.
A multidisciplinary and comparative approach to globalization and its economic, social, cultural and political impact. Course Information: Field trip required at a nominal fee.

MGMT 340. Introduction to Organizations. 3 hours.
Organization and management concepts and applications. Individual and organizational goal attainment. Course Information: Prerequisite(s): ENGL 160. Recommended background: General knowledge of microeconomics.

MGMT 350. Business and Its External Environment. 3 hours.
Concerns the political, economic, social, legal, regulatory and international environment of business and the ethics and social responsibility of business actions. Course Information: Prerequisite(s): ENGL 161 and MATH 160.

MGMT 355. Structured Problem Solving for Consulting Projects. 3 hours.
Teaches structured problem-solving methods for consulting projects, introduces management frameworks, and covers methods and tools to facilitate implementation. Course Information: Prerequisite(s): IDS 200 and IDS 270 and ACTG 210 and BA 200 and MGMT 340.

MGMT 360. Data Analytics for Management. 3 hours.
Examines types and sources of information used by managers and investors to make strategic decisions; provides working knowledge of tools used to effectively manage, analyze and report strategic information. Course Information: Same as ENTR 360. Extensive computer use required. Prerequisite(s): IDS 270 and MGMT 340; or consent of the instructor.

MGMT 370. Foundations of Sports Management. 3 hours.
An introduction to the field of sports management and an overview of relevant functional areas of the industry and an examination of current and new trends affecting sport management. Course Information: Prerequisite(s): ENGL 161.

MGMT 445. Organizational Theory. 3 hours.
Emphasis on organizational theories and models to analyze and improve functioning and performance of organizations. Structure, technology, environmental adaptation, and managerial control systems. Course Information: Prerequisite(s): MGMT 340 and junior standing.

MGMT 447. Organizations. 3 or 4 hours.
Characteristics of business, government, and not-for-profit organizations; approaches used to study organizations; theoretical and empirical analysis of organizational processes. Course Information: Same as SOC 447. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 241 or MGMT 340 or SOC 244; and junior standing or above and an additional 200 or 300-level elective in sociology; or consent of the instructor.

MGMT 452. Organizational Behavior. 3 hours.
Emphasis on understanding and managing people at work. Analysis of individual, group and organization topics including leadership, motivation, attitudes, group dynamics, and organizational culture. Course Information: Prerequisite(s): MGMT 340; or consent of the instructor.

MGMT 453. Human Resource Management. 3 hours.
Examination of the activities involved in attracting, retaining, and motivating employees. Topics include planning, selection, compensation, performance appraisal, succession, and legal issues. Course Information: Prerequisite(s): MGMT 340; or consent of the instructor.

MGMT 454. Labor-Management Relations. 3 hours.
Labor unions and their impact on business firms and society. Labor-management relationships and collective bargaining practices. Public policy, union structure and bargaining theory. Course Information: Prerequisite(s): MGMT 340 and MGMT 350 and junior standing.

MGMT 455. Talent Management and Global Human Resources. 3 hours.
Examination of topics related to performance appraisal: motivating, retaining, and separating employees; compensation and benefits; managing human resources in a global economy. Prerequisite(s): MGMT 340 and credit or concurrent registration in MGMT 453.

MGMT 457. Foundations for Sustainable Business. 3 or 4 hours.
Introduction to sustainable business foundations: setting sustainability goals and key performance indicators, governance, stakeholder engagement and communication, strategic operations, technology integration, financial accountability, and reporting. Course Information: Same as ACTG 457 and IDS 457. Prerequisite(s): ENGL 161.

MGMT 460. Managing Globally. 3 or 4 hours.
Understanding the opportunities and problems that confront managers as they lead a company through complex global economic, political, legal, technological and cultural environment. Focus on people, values and culture. Course Information: Prerequisite(s): MGMT 340 and MGMT 350 or admission to Master of Science in Human Resources, or post-baccalaureate leadership certificate; or consent of Instructor.

MGMT 463. Negotiation and Conflict Resolution. 3 hours.
Strategies and techniques for successful agreement negotiation and business conflict resolution. Includes applications to classic situations such as collective bargaining, interpersonal relations, and stakeholder concerns. Course Information: Prerequisite(s): MGMT 340.

MGMT 464. Employment Recruitment and Selection. 3 hours.
The design and application of internal and external recruitment, selection and retention systems for the effective management of human capital by line managers and HR professionals. Prerequisite(s): MGMT 452 and MGMT 453.

MGMT 465. Compensation and Reward Systems. 3 hours.
Examination of compensation and reward systems designed to enhance employee motivation and performance. Topics include pay structure design, incentive systems, and benefits. Course Information: Prerequisite(s): MGMT 452 and MGMT 455; or consent of the instructor.

MGMT 466. Managerial Effectiveness Through Diversity. 3 or 4 hours.
Management of diverse work forces. Discrimination, affirmative action, career development, socialization and social change policies; historical, psychological, sociological, legal and managerial viewpoints. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): MGMT 340 or admission to Master of Science in Human Resources, or post-baccalaureate leadership certificate; or consent of Instructor.

MGMT 467. Impact of Technological Change. 3 hours.
Examines the impact of technological change upon the business environment and the managerial process. Emphasis on alternative futures and the planning necessary to attain desired ends. Course Information: Prerequisite(s): MGMT 340 and MGMT 350.

MGMT 470. Training and Development. 3 hours.
Examination of the science, methods, and practice of personnel training and development. Topics include needs determination, training design and delivery, training assessments. Course Information: Prerequisite(s): MGMT 452 and MGMT 453; or consent of the instructor. Recommended background: Experience as an intern or practitioner in an area of human resource management or organizational development.

MGMT 471. Organizational Design. 3 hours.
Covers how a firm's people, resources, processes, and culture are arrayed and deployed to help implement firm strategies, pursue key objectives, and respond to environmental demands. Course Information: Prerequisite(s): MGMT 340 and MGMT 452, or consent of the instructor.

MGMT 475. Leadership Theories and Personal Leadership Skills Development. 3 hours.
Overview of leadership theories, assessment of leadership strengths and weaknesses, and leadership skills training. Course Information: Prerequisite(s): MGMT 340.

MGMT 480. Transportation Systems Management. 3 hours.
Provides a fundamental knowledge of problems and practices encountered in the management of transportation systems. Includes impact of public policy; capital facilities; industry structure; costs; operations pricing and environmental relationships. Course Information: Prerequisite(s): MGMT 340 and MGMT 350, or consent of the instructor.

MGMT 481. Managerial Logistics. 3 hours.
Management of activities governing flow of materials and products through stages of production and distribution. Includes design of logistical systems and use of mathematical techniques. Course Information: Prerequisite(s): MGMT 340; and MATH 165 or MATH 180; or consent of the instructor.

MGMT 485. Corporate Sustainability and Responsibility. 3 hours.
Theories and techniques for designing and implementing corporate sustainability and responsibility programs to create private and social value. Course Information: Prerequisite(s): MGMT 340 and MGMT 350.

MGMT 486. Managerial Consulting. 3 hours.
Development of knowledge and critical skills necessary to operate effectively as internal or external management consultants through an applied experience with an organization. Course Information: Field work required. Prerequisite(s): MGMT 452 and MGMT 453; or consent of the instructor.

MGMT 490. Cracking the Case: Case Analysis for Consulting Projects. 3 hours.
Develops students' ability to understand analytical variations across industries and identify relevant data and facts to solve managerial issues. This course will introduce students to the case methodology. Course Information: Extensive computer use required. Prerequisite(s): ACTG 210 and ACTG 211 and BA 200 and FIN 301 and FIN 302 and IDS 200; and IDS 270 and IDS 355 and MGMT 340 and MGMT 350 and MKTG 360; and consent of the instructor. Recommended background: MGMT 355 and MGMT 360.

MGMT 494. Special Topics in Management. 3 hours.
Exploration of areas not covered in existing course offerings or study of selected topics in greater depth. Subject matter will vary from semester to semester. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Senior standing and 9 hours of 400-level management courses, or consent of the instructor.

MGMT 495. Competitive Strategy. 4 hours.
Multidisciplinary analysis of organization strategy and policy, using case method and/or business simulation. Assignments involve extensive library research and oral and written reports. Course Information: Credit is not given for MGMT 495 if the student has credit in ACTG 495 or FIN 495 or IDS 495. Prerequisite(s): IDS 355 or IE 365; and FIN 300 Senior standing in the College of Business Administration or senior standing in Engineering Management, and completion of all other CBA core courses.

MGMT 499. Research Experience. 1-3 hours.
Research experience under the supervision of a faculty member. The faculty member and student will determine the research project. Each student must submit a written report and each student must participate at a research event on campus. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

Marketing (MKTG)

Courses

MKTG 360. Introduction to Marketing. 3 hours.
The role of marketing in business and society. How organizations make marketing decisions and develop effective marketing strategies. Course Information: Required of all students in the College of Business Administration. Course Information: Prerequisite(s): ENGL 160.

MKTG 370. Quantitative Marketing Skills. 3 hours.
Foundational knowledge in the quantitative analysis of marketing problems and marketing research methods. Course Information: Extensive computer use required. Prerequisite(s): MKTG 360.

MKTG 452. Principles of Retailing. 3 hours.
The theory and practice of making retailing decisions regarding pricing, product, place and promotion, and the development of strategy based on market competition and trends. Course Information: Prerequisite(s): MKTG 360.

MKTG 455. Multichannel Retailing. 3 hours.
The role of multichannel retail strategies: the development and management of successful online retail models and the coordination of retail activities across multiple platforms and physical stores. Course Information: Prerequisite(s): MKTG 360.

MKTG 458. Digital Marketing Research. 3 hours.
Covers advanced methodologies in market research and data analysis in digital platforms. This includes qualitative and quantitative techniques to understand and analyze data collected from the web and social media. Course Information: Extensive computer use required. Prerequisite(s): MKTG 360 and MKTG 462.

MKTG 459. Qualitative Research and Discovery: Uncovering Consumer Insights in Marketing. 3 hours.
Hands-on experience with qualitative research methods including focus groups, interviews, ethnography, and netnography. Develops skills to uncover actionable consumer insights, contribute to marketing plans, and craft compelling data-driven stories. Course Information: Prerequisite(s): MKTG 360.

MKTG 460. Marketing Analytics. 3 hours.
Introduction to data-centered analysis for critical aspects of marketing, such as sales forcasting, profitibility analysis, market segmentation, promotion budgeting, and database marketing. Course Information: Prerequisite(s): MKTG 360 and IDS 270.

MKTG 461. Consumer Behavior. 3 hours.
Examines the psychology of consumer behavior, focusing on how individuals select, purchase, and use products. Topics include perception, attitudes, cultural and social influences, and motivation, with applications to real-world marketing strategies. Course Information: Prerequisite(s): MKTG 360 or consent of the instructor.

MKTG 462. Marketing Research. 3 hours.
An investigation of the gathering, analyses and interpretation of information used in solving marketing problems. Both qualitative and quantitative methods are employed in developing an analytical framework. Course Information: Prerequisite(s): MKTG 360; and IDS 270 or MKTG 370 or STAT 101.

MKTG 463. Marketing and Sales Channels. 3 hours.
Develop an integrated distribution strategy driven by product and customer needs; understand the selection and roles of channel partners; explore the management of channel relationships. Course Information: Prerequisite(s): MKTG 360. Business Administration students must have declared a major; or consent of instructor.

MKTG 464. Content Marketing. 3 hours.
The planning, design, distribution and management of content for digital marketing. Course Information: Prerequisite(s): MKTG 360.

MKTG 465. Strategic Marketing Management. 3 hours.
Analysis of marketing problems, development of marketing strategies, and persuasive communication of strategic and tactical marketing decisions. Course Information: Prerequisite(s): 15 hours of marketing course work. Recommended background: MKTG 461 and MKTG 462.

MKTG 467. Business Intelligence in Marketing. 3 hours.
Provides knowledge of critical concepts and tools in the use of business intelligence in marketing. Students will learn to use business intelligence to gain market and competitive insights and support marketing decision making. Course Information: Extensive computer use required. Prerequisite(s): MKTG 462 and IDS 270. Recommended background: MKTG 460.

MKTG 468. Advanced Marketing Research. 3 hours.
Advanced knowledge of critical concepts and tools in marketing research related to problem identification, data collection, and analysis in conventional and digital media. Course Information: Extensive computer use required. Prerequisite(s): MKTG 462 and IDS 270.

MKTG 469. Global Marketing. 3 hours.
The strategic and tactical marketing of goods and services to countries beyond domestic or current markets. Distinct economic, socio-cultural, and political-legal-regulatory environments are considered. Course Information: Prerequisite(s): MKTG 360 and BA 200; or consent of the instructor.

MKTG 470. Branding. 3 hours.
Examination of how firms can connect with consumers to build, measure, leverage and protect strong brands. Course Information: Prerequisite(s): MKTG 360. Recommended background: MKTG 462.

MKTG 471. Services Marketing. 3 hours.
An exploration of the special challenges of services marketing, including analyzing and developing solutions for new services, services quality, design and delivery of services, and services recovery. Course Information: Prerequisite(s): MKTG 360.

MKTG 473. Introduction to Sales. 3 hours.
Detailed exploration of the steps in a standard selling process; explores buyers motivations; sales presentations skills and sales technologies. Course Information: Prerequisite(s): MKTG 360 or consent of the instructor.

MKTG 474. Integrated Marketing Communications. 3 hours.
Explores Integrated Marketing Communication (IMC): blending different media and communication tools to create cohesive communication campaigns; developing, implementing, and evaluating strategies that align messaging across communication activities. Course Information: Prerequisite(s): MKTG 461 or consent of the instructor.

MKTG 475. Product Management. 3 hours.
Development and management of products and services from a marketing perspective; various aspects of the new product development process from idea generation to product launch; strategic thinking and analytical tools to make decisions in product management. Course Information: Prerequisite(s): MKTG 360.

MKTG 476. Business-to-Business (B2B) Marketing. 3 hours.
Unique concepts and strategies applied when businesses market to other organizations and institutions. Derived demand, systems selling, bid pricing, national account programs, and using distributors. Course Information: Prerequisite(s): MKTG 360.

MKTG 477. Interdisciplinary Research and Development I. 3 hours.
Multidisciplinary teams (w/students typically from Design, Engineering, Public Health, etc.) research and develop solutions related to business, social, or healthcare-related topics. Emphasis: problem solving, collaboration, sponsor engagement, and prototyping. Course Information: Students complete a product development project in conjunction with students enrolled in ME 444 and AD 420. Prerequisite(s): MKTG 360; and consent of the instructor. This is the first half of a year-long course. Students will be required to take MKTG 478 in the following semester.

MKTG 478. Interdisciplinary Research and Development II. 3 hours.
Multidisciplinary teams (w/students typically from Design, Engineering, Public Health, etc.) research and develop solutions related to business, social, or healthcare-related topics. Emphasis: problem solving, collaboration, sponsor engagement, and prototyping. Course Information: Students complete a product development project in conjunction with students enrolled in ME 445 and AD 421. Prerequisite(s): MKTG 360 and MKTG 477. This is the second half of a year-long course. Students will be required to take MKTG 477 in the previous semester.

MKTG 479. Digital and Social Media Marketing. 3 hours.
Creation, evaluation, and implementation of effective digital and social media marketing strategies and tactics. Course Information: Extensive computer use required. Prerequisite(s): MKTG 360. Recommended background: BA 200 and MKTG 461 and general computer skills.

MKTG 480. Approaches to Creativity. 3 hours.
Students will be taught, and have an opportunity to use, the dominant contemporary creative ideation methods used in business, particularly in regards to new products/services and advertisements. Course Information: Prerequisite(s): MKTG 360.

MKTG 481. Advanced Sales. 3 hours.
Advanced selling strategies, including key account and relationship management, team selling, solution presentation techniques, effective negotiation skills, and using sales technology to facilitate connections between the company and its customers. Course Information: Prerequisite(s): MKTG 360 and MKTG 473.

MKTG 482. Innovation Management. 3 hours.
Introducing a human-centered approach to designing products, services, and business systems using a Design Thinking methodology: a user-centered, iterative, research-based process for solving problems creatively and practically. Course Information: Prerequisite(s): MKTG 360.

MKTG 483. Social Selling and Sales Technology. 3 hours.
Examines the role of social media and sales technology in professional sales. Students gain hands-on experience using sales technologies, including customer relationship management (CRM), social media, and sales training apps. Course Information: Extensive computer use required. Prerequisite(s): MKTG 473; or consent of the instructor.

MKTG 485. Customer Experience Management. 3 hours.
Applying customer experience concepts, tools, and research methods in order to understand and manage customer-centric business models across industries. Course Information: Prerequisite(s): MKTG 360.

MKTG 494. Special Topics in Marketing. 1-4 hours.
Exploration of area not covered in existing course offerings or study of selected topics in greater depth. Subject matter may vary from semester to semester. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Business administration students must have declared a major.

MKTG 499. Research Experience. 1-3 hours.
Research experience under the supervision of a faculty member. The faculty member and student will determine the research project. Each student must submit a written report and each student must participate at a research event on campus. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Major in marketing. Consent of the head of the department and the instructor required.

Master of Engineering (MENG)

Courses

MENG 400. Engineering Law. 3 or 4 hours.
Overview of the legal system. Legal principles affecting the engineering profession. Professional ethics in engineering. Intellectual property law. Basic contract and tort principles. Environmental law. Course Information: Same as ENGR 400. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above.

MENG 401. Engineering Management. 3 or 4 hours.
Theory, strategy, and tactics of the use of project management including project planning, matrix management concept, and team meetings. Course Information: Same as ENGR 401. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above.

MENG 402. Intellectual Property Law. 3 or 4 hours.
Patent, copyright, trade secret, mask work, and cyber-squatting legal and procedural principles; protection for novel software, biotech inventions, and business methods; and trademark protection for domain names. Course Information: Same as ENGR 402. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above.

MENG 403. Reliability Engineering. 3 or 4 hours.
Probability overview; statistics overview; system reliability modeling and prediction-static methods; system reliability modeling and prediction-dynamic methods; maintainability and availability; reliability optimization; and risk analysis. Course Information: Same as ENGR 403. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above.

MENG 404. Math Fundamentals for AI Engineers and Data Scientists. 4 hours.
Concise refresher on the basics of the mathematical tools underpinning modern machine learning and artificial intelligence. Course Information: Extensive computer use required. Recommended Background: BS degree in a STEM discipline.

MENG 405. Foundations of Emergency Management. 4 hours.
Introduces the principles of emergency management including the history of EM in the United States; the roles of federal, state, and local EM agencies; national response concepts; andpreparedness, recovery, and mitigation strategies. Course Information: Extensive computer use required. Online web-based course.

MENG 406. Critical Infrastructure. 4 hours.
Designed to enable students to formulate policies and strategies aiming to protect the leading critical infrastructure sectors in the U.S. (e.g. energy, water, telecommunications, internet, etc.). Course Information: Extensive computer use required. Online web-based course.

MENG 407. Innovation Tools and Methods. 4 hours.
Introduction to tools and methods used for innovation in the development of products, systems, and services, including an introduction to the design thinking methodology.

MENG 411. Non-Newtonian Fluids. 3 or 4 hours.
Fluid mechanics and transport processes involving non-Newtonian fluids. Purely viscous and viscoelastic behavior. Viscometric functions and rheometry. Heat and mass transfer in non-Newtonian fluids. Course Information: Same as CHE 440. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CHE 410 or MENG 410 or consent of the instructor.

MENG 412. Computational Molecular Modeling. 3 or 4 hours.
Provide students with a fundamental understanding of the methods, capabilities and limitations of molecular simulations. Course Information: Same as CHE 438. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): CHE 301. Recommended background: Engineering/Science.

MENG 413. Fundamentals and Design of Microelectronics Processes. 3 or 4 hours.
Design and practical aspects of the most advanced state of micro- and nano-electronics processing with emphasis on thin film deposition, substrate passivation, lithography and etching with thermodynamics, kinetics, reactor design, and optimization. Course Information: Same as CHE 456. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Graduate standing or consent of the instructor. Recommended background: Engineering/Science.

MENG 416. Introduction to Machine Learning. 4 hours.
Introduces common machine learning tasks and learning techniques and broader paradigms that have been developed for these tasks. Ties machine learning techniques to specific real-world applications through hands-on experience. Course Information: Extensive computer use required. Meets eight weeks of the semester. Prerequisite(s): MENG 404; and consent of the instructor.

MENG 417. Introduction to Deep Neural Networks. 4 hours.
Introduces fundamental principles of neural networks. Topics include perceptron, multilayer networks, convolutional neural networks, and recurrent neural networks. Course Information: Extensive computer use required. Meets eight weeks of the semester.

MENG 418. Image Analysis and Computer Vision. 4 hours.
Students will learn the fundamentals of computer vision and will be able to develop image and object recognition, stereo depth estimation methods, and understand the vision methods used in autonomous driving systems. Course Information: Extensive computer use required. Meets eight weeks of the semester.

MENG 419. Artificial Intelligence. 4 hours.
Introduces students to the field of Artificial Intelligence (AI). Ties the theoretical foundations that underlie AI and practice in building components of rational agents. Course Information: Extensive computer use required. Meets eight weeks of the semester.

MENG 420. Natural Language Processing. 4 hours.
Students will be introduced to fundamental statistical and neural methods for language processing. Students will also get an overview of numerous machine learning and deep learning algorithms for efficiently solving language processing tasks. Course Information: Extensive computer use required. Meets eight weeks of the semester.

MENG 421. Quasi-Static Electric and Magnetic Fields. 4 hours.
Quasi-static approximations to Maxwell's equations. Scalar potential; capacitance; conduction; polarization; mixing formulas. Magnetization; vector potential; Biot-Savart law. Forces, energy and power. Poynting's theorem. Course Information: Previously listed as ECE 401. Extensive computer use required. Prerequisite(s): Graduate or professional standing; and consent of the instructor. Recommended background: Calculus through Differential Equations. College Physics.

MENG 423. Foundations of Electromagnetic Compatibility. 4 hours.
EMC requirements for electronic systems; non-ideal behavior of components; radiated and conducted emissions; susceptibility; coupling and shielding; electrostatic discharge; system design for EMS; Projects required. Course Information: Extensive computer use required. Prerequisite(s): Graduate or professional standing; and consent of the instructor. Recommended background: Undergraduate background in Electromagnetic Fields.

MENG 425. Transmission Lines for Communication and Power. 4 hours.
Two-conductor lines. Impedance matching. Wideband systems. Scattering matrix. Three-phase systems. Course Information: Extensive computer use required. Prerequisite(s): MENG 421 or consent of instructor. Recommended background: Undergraduate knowledge of electricity and magnetism.

MENG 426. Antennas and Arrays. 4 hours.
Antenna definitions and parameters. Linear antennas; self and mutual impedances. Arrays. Microstrip, broadband, and reflector antennas. Course Information: Extensive computer use required. Prerequisite(s): Graduate or professional standing and MENG 421, or consent of instructor. Recommended background: Undergraduate knowledge of electromagnetic fields.

MENG 435. Wireless Communication Networks. 4 hours.
Radio technology fundamentals; channel and propagation models; channel multiple access technologies; wireless mobile communication fundamentals; generic wireless mobile network; cellular/PCS wireless mobile network standards. Course Information: Extensive computer use required. Prerequisite(s): Graduate or professional standing; and consent of the instructor.

MENG 436. Wireless Data. 3 or 4 hours.
Data communications, existing Wireless Data Networks, planning, topology, performance, and operation. Course Information: Same as ENGR 436. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. This is an online web-based course. Prerequisite(s): Senior standing or above and a course in digital communications and an introductory course in wireless communications.

MENG 480. Introductory Bioinformatics. 4 hours.
Practical analysis of genomic sequences and other high throughput data. Basics of sequence alignment, biological database search, protein motif search, gene expression analysis, and structural bioinformatics. Course Information: Extensive computer use required. Prerequisite(s): Graduate or professional standing; and consent of the instructor. Recommended background: Background in Computer Science and Biology.

MENG 481. Introduction to Biostatistics. 4 hours.
Introduce basics about statistical treatment, model estimation, and parameter inference from observed biological data. Provide practical skills for summarizing and inference of experimental data. Course Information: Extensive computer use required. Prerequisite(s): Graduate or professional standing; and consent of the instructor. Recommended background: Calculus III and R programming language.

MENG 483. Bioinformatics Approach to Molecular Modeling. 4 hours.
Protein structure prediction and comparison. Monte Carlo and molecular dynamics simulations. Course Information: Course Information: Extensive computer use required. Prerequisite(s): Graduate or professional standing; and consent of the instructor. Recommended background: Background in Computer Science and Biology.

MENG 490. Math Preparation for AI/ML. 4 hours.
A preparatory math class for students to prepare for MENG 404. Course Information: No graduation credit is given to students enrolled in the Master Engineering. Extensive computer use required. Meets eight weeks of the semester. This class should be taken by students in limited admissions prior to MENG 404 or for students seeking a refresher course.

Mathematical Computer Science (MCS)

Courses

MCS 160. Introduction to Computer Science. 4 hours.
Computer literacy, number systems, concepts of operation systems, storage, files, databases, logic gates, circuits, networks, internet. Introduction to programming in Python, variables, assignments, functions, objects. Course Information: Previously listed as MCS 260. Prerequisite(s): Credit or concurrent registration in MATH 180. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture. *IAI Major CS course, and UIC GE Natural World No Lab course*.

MCS 275. Programming Tools and File Management. 4 hours.
Theory, techniques, and tools of the Python programming language, with applications to data structures, algorithms, web programming, and selected topics. Course Information: Prerequisite(s): Grade of C or better in MATH 180, and grade of C or better in MCS 160 or MCS 260 or CS 107 or CS 109 or CS 111 or equivalent. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture. *IAI Major CS course*.

MCS 294. Special Topics in Computer Science. 1-4 hours.
Course content is announced prior to each term in which it is given. Course Information: May be repeated. Prerequisite(s): Approval of the department.

MCS 320. Introduction to Symbolic Computation. 3 hours.
Introduction to computer algebra systems (MAPLE), symbolic computation, and the mathematical algorithms employed in such computation, with examples and applications to topics in undergraduate mathematics. Course Information: Prerequisite(s): Grade of C or better in MATH 210; and grade of C or better in: MCS 160 or MCS 260 or CS 107 or CS 109 or CS 111 or equivalent.

MCS 360. Introduction to Data Structures. 4 hours.
Pointers and dynamic memory allocation in C/C++, recursion, stacks, queues, heaps, binary and multiway trees, graphs, hash tables. Sorting and searching algorithms. Course Information: Prerequisite(s): Grade of C or better in MCS 160 or Grade of C or better in MCS 260; and Grade of C or better in MCS 275. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

MCS 361. Discrete Mathematics. 3 hours.
Discrete mathematical structures used in computer science: sets, functions and relations; induction, recursive definitions and relations, methods of proof, quantifiers; counting; graphs and trees; algorithms. Course Information: Previously listed as MCS 261. Prerequisite(s): Grade of C or better in MATH 215; or grade of C or better in CS 107 or CS 109 or CS 111; or equivalent.

MCS 394. Special Topics in Computer Science. 2-4 hours.
Course content is announced prior to each term in which it is given. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

MCS 401. Computer Algorithms I. 3 or 4 hours.
Design and analysis of computer algorithms. Divide-and-conquer, dynamic programming, greedy method, backtracking. Algorithms for sorting, searching, graph computations, pattern matching, NP-complete problems. Course Information: Same as CS 401. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MCS 360; or Grade of C or better in CS 251.

MCS 411. Compiler Design. 3 or 4 hours.
Language translation: lexical analysis, parsing schemes, symbol table management, syntax and semantic error detection, and code generation. Development of fully-functional compiler. Course Information: Same as CS 473. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in CS 301 or Grade of C or better in MCS 441; and Grade of C or better in CS 251 or Grade of C or better in MCS 360; and Grade of C or better in CS 261.

MCS 415. Programming Language Design. 3 or 4 hours.
Definition, design, and implementation of programming languages. Syntactic and semantic description; variable bindings, control and data structures, parsing, code generation, optimization; exception handling; data abstraction. Course Information: Same as CS 476. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): MCS 360; or CS 341.

MCS 421. Combinatorics. 3 or 4 hours.
The pigeonhole principle, permutations and combinations, binomial coefficients, inclusionexclusion principle, recurrence relations and generating functions, special counting sequences, Polya theory of counting. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 215; and Grade of C or better in MATH 218 or Grade of C or better in MATH 320; or consent of the instructor.

MCS 423. Graph Theory. 3 or 4 hours.
Basic concepts of graph theory including Eulerian and hamiltonian cycles, trees, colorings, connectivity, shortest paths, minimum spanning trees, network flows, bipartite matching, planar graphs. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 215; and Grade of C or better in MATH 218 or Grade of C or better in MATH 320; or consent of the instructor.

MCS 425. Codes and Cryptography. 3 or 4 hours.
Mathematics of communications theory, basic information theory necessary to understand both coding theory and cryptography, basic ideas and highlights for both coding theory and cryptography, including public-key cryptosystems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 215; and Grade of C or better in MATH 218 or Grade of C or better in MATH 320; or consent of the instructor.

MCS 441. Theory of Computation I. 3 or 4 hours.
Introduction to formal languages; relations between grammars and automata; elements of the theory of computable functions. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): MATH 215.

MCS 451. Object-Oriented Programming in C++. 3 or 4 hours.
C++ as an object-oriented language, classes and member functions, access control, class scope, constructors, destructors, overloading, conversions, streams, derived classes, polymorphism through virtual functions, templates, class libraries. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for MCS 451 if the student has credit for CS 474. Extensive computer use required. Prerequisite(s): Grade of C or better in MCS 360 or the equivalent or consent of the instructor.

MCS 471. Numerical Analysis. 3 or 4 hours.
Introduction to numerical analysis; floating point arithmetic, computational linear algebra, iterative solution to nonlinear equations, interpolation, numerical integration, numerical solution of ODEs, computer subroutine packages. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MCS 260; or grade of C or better in CS 107 or CS 109 or CS 111; or consent of instructor.

MCS 472. Introduction to Industrial Math and Computation. 3 or 4 hours.
Technical writing and oral presentations in preparation for industrial projects. Topics include quality control, operations research, cost-benefit analysis, differential equations, using scientific software. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in MCS 471 or consent of the instructor. Recommended background: Designed for students with a desire to explore mathematics via practical field work.

MCS 481. Computational Geometry. 3 or 4 hours.
Algorithmic problems on sets of points, rectangles, intervals, arcs, chords, polygons. Counting, reporting, location, intersection, pairing; static and dynamic data structures. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MCS 401 or consent of the instructor.

MCS 494. Special Topics in Computer Science. 3 or 4 hours.
Topics in mathematical computer science, such as symbolic compution, automated reasoning, cryptography or geometric algorithms. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

MCS 496. Independent Study. 1-4 hours.
Reading course supervised by a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the instructor and the department. Class Schedule Information: This course counts toward the limted number of independent study hours accepted toward the degree and the major.

Mathematics (MATH)

Courses

MATH 077. Mathematical Reasoning Workshop. 1 hour.
A refresher of the algebra used in Math 118. A more detailed reminder of algebraic techniques will be given in a student-centered environment with personalized homework and worksheets to address individual needs. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Extensive computer use required. Requires concurrent registration in MATH 118.

MATH 088. Intermediate Algebra Workshop. 1 hour.
Individualized lesson plans including: order of operations, properties of real numbers, linear equations, problem solving, graphing linear equations. Course Information: Satisfactory/Unsatisfactory grading only. No graduation credit. Extensive computer use required. Corequisites: Requires concurrent registration in MATH 108.

MATH 100. Exploring Mathematics, Statistics, and Computer Science. 1 hour.
Introduction to resources and offerings in the Department of Mathematics, Statistics, and Computer Science with a focus on departmental advising procedures and career and post-graduation opportunities. Course Information: Recommended background: After earning credit in at least one mathematics course.

MATH 104. Mathematical Reasoning Workshop. 1 hour.
A refresher of the algebra used in Math 105. A more detailed reminder of algebraic techniques will be given in a student-centered environment with personalized homework and worksheets to address individual needs. Course Information: Satisfactory/Unsatisfactory grading only. Previously listed as MATH 077. Credit is not given for MATH 104 if the student has credit in MATH 077. Requires concurrent registration in MATH 105.

MATH 105. Mathematical Reasoning. 4 hours.
Mathematical problem solving with a hands-on and learn-by-doing approach, using topics from linear equations, personal finance, geometry, probability, and statistics. Course Information: Previously listed as MATH 118. May serve as a prerequisite for statistics courses in the social sciences. It does not replace Math 108 as a prerequisite for any other mathematics department course. Credit is not given for MATH 105 if the student has credit in MATH 118 or MATH 121 or MATH 160 or MATH 165 or MATH 170 or MATH 180 or the equivalent. No graduation credit for architecture, business administration, or engineering students. Prerequisite(s): Credit or concurrent registration in MATH 104; or appropriate score on the department placement test. Course Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory-Discussion.

MATH 108. Intermediate Algebraic Concepts. 3 hours.
Linear equations and inequalities, absolute values, linear graphs and modeling, systems of equations, functions, quadratic equations, exponents and polynomials, factoring, radicals and rational exponents. Course Information: Previously listed as MATH 090. Extensive computer use required. Students with credit in a mathematics course at or above the 100-level may not enroll. Prerequisite(s): Credit or concurrent registration in MATH 088; or appropriate score on the department placement test.

MATH 109. College Algebra Workshop. 1 hour.
A refresher of material prerequisite for and used in MATH 110, including: functions, polynomial and rational equations, graphs and transformations, exponentials and logarithms, trigonometry. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Appropriate ALEKS placement score. Corequisite(s): Requires concurrent registration in MATH 110.

MATH 110. College Algebra. 4 hours.
Functions, composition and inverses; graphs and transformations, polynomial and rational functions, exponential functions, logarithms and applications; circles and introduction to trigonometry. Course Information: Credit is not given for Math 110 if the student has credit in MATH 121 or MATH 165 or MATH 170 or MATH 180. Extensive computer use required. Prerequisite(s): MATH 090 or MATH 108; credit or concurrent registration in MATH 109; or an appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory-Discussion.

MATH 115. Mathematical Foundations of Integrated Data Analytics. 4 hours.
Robust foundation in mathematical concepts necessary for effective data analysis in integrated data analytics through applied examples and an introduction to data visualization. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in MATH 110; or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory-Discussion.

MATH 121. Precalculus Mathematics. 5 hours.
Functions, graphs, exponentials and logarithms, radicals, complex numbers, trigonometry (circle and triangle approaches), trigonometric graphs and inverses, introduction to polar coordinates and vectors Course Information: No credit will be given for MATH 121 if students have credit in MATH 165 or MATH 170 or MATH 180. Extensive computer use required. Prerequisite(s): Grade of C or better in MATH 110; or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

MATH 122. Emerging Scholars Workshop for Precalculus Mathematics. 1 hour.
Intensive math workshop for students enrolled in MATH 121. Students work together in groups to solve challenging problems. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Admission to the Emerging Scholars Program. Must enroll concurrently in MATH 121.

MATH 125. Elementary Linear Algebra. 5 hours.
Introduction to systems of linear equations, matrices and vector spaces, with emphasis on business applications. Course Information: Credit is not given for MATH 125 if the student has credit in MATH 160. Prerequisite(s): Appropriate score on the department placement test; or Grade S in MATH 090 or Grade of C or better in MATH 108; or Grade of C or better in MATH 110; or equivalent. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Natural World No Lab course*.

MATH 140. Arithmetic and Algebraic Structures. 4 hours.
Problem solving; algebraic thinking; number systems; numeration; number theory; mathematical operations over natural, integer, and rational numbers; and proportional reasoning. Course Information: Prerequisite(s): Grade of S in MATH 090 or a grade of C or better in MATH 108 or appropriate score on the department placement test.

MATH 141. Algebraic and Geometric Structures. 4 hours.
Area, perimeter, volume, surface area of plane and solid figures; integers, real and rational numbers; trigonometry and extended solution of general polygons; probability. Full purpose calculators used. Course Information: Designed for students in the B.A. in Elementary Education program. Prerequisite(s): Grade of C or better in MATH 140. *IAI GECC Mathematics course*.

MATH 160. Finite Mathematics for Business. 5 hours.
Introduction to probability, statistics, and matrices, with emphasis on business applications. Course Information: Credit is not given for MATH 160 if the student has credit in MATH 125. Prerequisite(s): Appropriate score on the department placement test; or Grade of C or better in MATH 110; or equivalent. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Natural World No Lab course*.

MATH 165. Calculus for Business. 5 hours.
Introduction to differential and integral calculus of algebraic, exponential and logarithmic functions and techniques of partial derivatives and optimization. Emphasis on business applications. Course Information: Prior credit for MATH 170 or MATH 180 will be lost with subsequent completion of MATH 165. Prerequisite(s): Grade of C or better in MATH 110; or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Mathematics course, and UIC GE Natural World No Lab course*.

MATH 170. Calculus for the Life Sciences. 4 hours.
Introduction to calculus with applications to the life sciences, mathematical modeling, differentiation, integration and applications. Course Information: Prior credit in MATH 165 or MATH 180 will be lost with subsequent completion of MATH 170. Prerequisite(s): Grade of C or better in Math 110 or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Natural World No Lab course*.

MATH 178. Preparation for Calculus. 1 hour.
Asynchronous online supplement for some students in Math 180. Uses adaptive individualized assessment and learning to refresh and fill gaps in background knowledge. By invitation only. Course Information: Extensive computer use required. Students eligible to enroll will be contacted by the department. Prerequisite(s): Grade of C or better in MATH 121; or appropriate score on the department placement test; and approval of the department. Corequisites: Requires concurrent registration in MATH 180.

MATH 179. Emerging Scholars Workshop for Calculus I. 1 hour.
Intensive math workshop for students enrolled in MATH 180. Students work together in groups to solve challenging problems. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Admission to the Emerging Scholars Program. Must enroll concurrently in MATH 180.

MATH 180. Calculus I. 4 hours.
Differentiation, curve sketching, maximum-minimum problems, related rates, mean-value theorem, antiderivative, Riemann integral, logarithm, and exponential functions. Course Information: Prior credit in MATH 165 or MATH 170 will be lost with subsequent completion of MATH 180. Prerequisite(s): Grade of C or better in MATH 121 or appropriate performance on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI Major MTH course, and IAI GECC Mathematics course, and UIC GE Natural World No Lab course*.

MATH 181. Calculus II. 4 hours.
Techniques of integration, arc length, solids of revolution, applications, polar coordinates, parametric equations, infinite sequences and series, power series. Course Information: Prerequisite(s): Grade of C or better in MATH 180. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI Major MTH course, and IAI GECC Mathematics course, and UIC GE Natural World No Lab course*.

MATH 182. Emerging Scholars Workshop for Calculus II. 1 hour.
Intensive math workshop for students enrolled in MATH 181. Students work together in groups to solve challenging problems. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Admission to the Emerging Scholars Program. Must enroll concurrently in MATH 181.

MATH 194. Special Topics in Mathematics. 1-4 hours.
Course content is announced prior to each term in which it is given. Course Information: May be repeated. Prerequisite(s): Approval of the department.

MATH 210. Calculus III. 3 hours.
Vectors in space, functions of several variables, partial differential and optimization, multiple integrals, vector fields, Green's Theorem, Stokes Theorem. Course Information: Prerequisite(s): Grade of C or better in MATH 181. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *IAI Major MTH course, and IAI GECC Mathematics course, and UIC GE Natural World No Lab course*.

MATH 211. Emerging Scholars Workshop for Calculus III. 1 hour.
Intensive math workshop for students enrolled in MATH 210. Students work together in groups to solve challenging problems. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Admission to the Emerging Scholars Program. Must enroll concurrently in MATH 210.

MATH 215. Introduction to Advanced Mathematics. 3 hours.
Introduction to methods of proofs used in different fields in mathematics. Course Information: Prerequisite(s): Grade of C or better in MATH 181 and approval of the department.

MATH 218. Applied Linear Algebra. 3 hours.
Matrices, row reduction algorithm, vector spaces, LU-decomposition, orthogonality, Gram-Schmidt process, determinants, inner products, eigenvalue problems, applications to differential equations and Markov processes. Course Information: Previously listed as MATH 310. Credit is not given for MATH 218 if the student has credit in MATH 310. Prerequisite(s): Grade of C or better in MATH 181.

MATH 220. Introduction to Differential Equations. 3 hours.
Techniques and applications of differential equations, first and second order equations, Laplace transforms, series solutions, graphical and numerical methods, and partial differential equations. Course Information: Prerequisite(s): Grade of C or better in MATH 210. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture. *IAI Major MTH course*.

MATH 294. Special Topics in Mathematics. 1-4 hours.
Course content is announced prior to each term in which it is given. Course Information: May be repeated. Prerequisite(s): Approval of the department.

MATH 300. Writing for Mathematics. 1 hour.
Fulfills Writing-in-the-Discipline requirement. Course Information: Prerequisite(s): ENGL 161 or the equivalent, and a grade of C or better in MATH 210. Students must have declared a major in the Mathematics, Statistics, and Computer Science Department.

MATH 313. Analysis I. 3 hours.
The real number system, limits, continuous functions, differentiability, the Riemann integral. Course Information: Prerequisite(s): Grade of C or better in MATH 215 or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

MATH 320. Linear Algebra I. 3 hours.
Linear equations, Gaussian elimination, matrices, vector spaces, linear transformations, determinants, eigenvalues and eigenvectors. Course Information: Prerequisite(s): A grade of C or better in Math 215. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

MATH 330. Abstract Algebra I. 3 hours.
Sets, properties of integers, groups, rings, fields. Course Information: Prerequisite(s): Grade of C or better in MATH 215. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

MATH 394. Special Topics in Mathematics. 2-4 hours.
Course content is announced prior to each term in which it is given. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

MATH 410. Advanced Calculus I. 3 or 4 hours.
Functions of several variables, differentials, theorems of partial differentiation. Calculus of vector fields, line and surface integrals, conservative fields, Stokes's and divergence theorems. Cartesian tensors. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 210.

MATH 411. Advanced Calculus II. 3 or 4 hours.
Implicit and inverse function theorems, transformations, Jacobians. Point-set theory. Sequences, infinite series, convergence tests, uniform convergence. Improper integrals, gamma and beta functions, Laplace transform. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 410.

MATH 414. Analysis II. 3 or 4 hours.
Riemann-Stieltjes integration. Topology of metric spaces with emphasis on R^n. (Uniform) Continuity of functions on metric spaces. Multi-dimensional differentiation theory. Implicit and Inverse Function Theorem and applications. Introduction to Lebes. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 313 and MATH 218, or MATH 320.

MATH 417. Complex Analysis with Applications. 3 or 4 hours.
Complex numbers, analytic functions, complex integration, Taylor and Laurent series, residue calculus, branch cuts, conformal mapping, argument principle, Rouche's theorem, Poisson integral formula, analytic continuation. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade C or better in MATH 210.

MATH 419. Models in Applied Mathematics. 3 or 4 hours.
Introduction to mathematical modeling; scaling, graphical methods, optimization, computer simulation, stability, differential equation models, elementary numerical methods, applications in biology, chemistry, engineering and physics. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 220 and grade of C or better in MCS 260.

MATH 425. Linear Algebra II. 3 or 4 hours.
Canonical forms of a linear transformation, inner product spaces, spectral theorem, principal axis theorem, quadratic forms, special topics such as linear programming. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 320.

MATH 430. Formal Logic I. 3 or 4 hours.
First order logic, syntax and semantics, completeness-incompleteness. Course Information: 3 undergraduate hours. 4 graduate hours. Credit is not given for MATH 430 if the student has credit for PHIL 416. Prerequisite(s): Grade of C or better in CS 202 or grade of C or better in MCS 261 or grade of C or better in MATH 215.

MATH 431. Abstract Algebra II. 3 or 4 hours.
Further topics in abstract algebra: Sylow Theorems, Galois Theory, finitely generated modules over a principal ideal domain. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 320 and grade of C or better in MATH 330.

MATH 435. Foundations of Number Theory. 3 or 4 hours.
Primes, divisibility, congruences, Chinese remainder theorem, primitive roots, quadratic residues, quadratic reciprocity, and Jacobi symbols. The Euclidean algorithm and strategies of computer programming. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 215.

MATH 436. Number Theory for Applications. 3 or 4 hours.
Primality testing methods of Lehmer, Rumely, Cohen-Lenstra, Atkin. Factorization methods of Gauss, Pollard, Shanks, Lenstra, and quadratic sieve. Computer algorithms involving libraries and nested subroutines. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 435.

MATH 442. Differential Geometry of Curves and Surfaces. 3 or 4 hours.
Frenet formulas, isoperimetric inequality, local theory of surfaces, Gaussian and mean curvature, geodesics, parallelism, and the Guass-Bonnet theorem. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 320.

MATH 445. Introduction to Topology I. 3 or 4 hours.
Elements of metric spaces and topological spaces including product and quotient spaces, compactness, connectedness, and completeness. Examples from Euclidean space and function spaces. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 313.

MATH 446. Introduction to Topology II. 3 or 4 hours.
Topics in topology chosen from the following: advanced point set topology, piecewise linear topology, fundamental group and knots, differential topology, applications to physics and biology. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 445.

MATH 480. Applied Differential Equations. 3 or 4 hours.
Linear first-order systems. Numerical methods. Nonlinear differential equations and stability. Introduction to partial differential equations. Sturm-Liouville theory. Boundary value problems and Green's functions. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 220.

MATH 481. Applied Partial Differential Equations. 3 or 4 hours.
Initial value and boundary value problems for second order linear equations. Eiqenfunction expansions and Sturm-Liouville theory. Green's functions. Fourier transform. Characteristics. Laplace transform. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 220.

MATH 494. Special Topics in Mathematics. 3 or 4 hours.
Course content is announced prior to each term in which it is given. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

MATH 496. Independent Study. 1-4 hours.
Reading course supervised by a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the instructor and the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Mathematics Teaching (MTHT)

Courses

MTHT 400. Methods of Teaching Secondary Mathematics I. 3 or 4 hours.
Teacher preparation with a focus on mathematics education research including analysis of students' thinking using records of practice in the form of case studies both on video and paper. Course Information: 3 undergraduate hours. 4 graduate hours. To be taken in the year prior to student teaching. Prerequisite(s): Grade of C or better in MATH 215; or consent of the instructor Enrollment in B.S. or M.S. in the Teaching of Mathematics program in Secondary Mathematics Education, and a 2.50 grade point average in mathematics courses at the level of calculus or above. Student must be admitted to candidacy.

MTHT 401. Methods of Teaching Secondary Mathematics II. 3 or 4 hours.
Secondary teacher preparation with focus on practice of teaching and responsibilities of instructional leader based on the Professional Teaching Standards, current research, and best practice. Course Information: 3 undergraduate hours. 4 graduate hours. 20 hours observation in secondary mathematics classes. To be taken in year prior to student teaching. Prerequisite(s): Grade of C or better in MATH 210; Enrollment in the B.S. or M.S. in the Teaching of Mathematics program in Secondary Mathematics Education; and a 2.50 grade point average in mathematics courses at the level of calculus or above. Student must be admitted to candidacy.

MTHT 411. Advanced Euclidean Geometry. 3 or 4 hours.
Axioms for Euclidean geometry are developed based upon reflections. Further concepts in Euclidean geometry which arise from these axioms are explored. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 215.

MTHT 420. Computers in Secondary School Mathematics. 3 or 4 hours.
An overview of techniques, topics and tools for teaching secondary level mathematics using computers. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 210.

MTHT 430. Real Analysis for Teachers I. 3 or 4 hours.
Major topics include real number system with emphasis on the completeness axiom, limits of sequences and functions, derivatives, Riemmann integrals and the Fundamental Theorem of Calculus. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 210 and Grade of C or better in MATH 215.

MTHT 435. Abstract Algebra. 3 or 4 hours.
Sets, properties of integers, groups, rings, fields. Focus on concepts applicable to high school teaching. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): MATH 210 and MATH 215.

MTHT 438. Educational Practice with Seminar I. 6 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): 2.50 grade point average in mathematics courses at the level of calculus or above, successful completion of 100 clock hours of pre-student-teaching field experiences, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

MTHT 439. Educational Practice with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Credit or concurrent registration in MTHT 438; and approval of the department and a 2.50 grade point average in mathematics courses at the level of calculus or above and successful completion of 100 clock hours of pre-student teaching field experiences. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

MTHT 450. Concepts and Methods in Elementary and Middle School Mathematics I. 3 or 4 hours.
Emphasizes the methods of teaching elementary and middle school mathematics in the context of investigating patterns, functions, number theory, and proportional reasoning. Course Information: 3 undergraduate hours. 4 graduate hours. For elementary and middle school teachers.

MTHT 465. Teaching Algebra for Understanding. 3 or 4 hours.
Manipulatives and other representations of mathematical concepts used for teaching algebra to middle grade students. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Admission to the M.S. in the Teaching of Mathematics program (Option for Elementary School Teachers) or consent of the instructor.

MTHT 466. Introduction to Calculus and the Graphing Calculator. 4 hours.
Problem solving using derivatives, differentials, and their applications followed by integrals and their applications. Maximumminimum problems solved directly by graphing, then by derivatives. Course Information: Prerequisite(s): Admission to the Mathematics Education Concentrators Program or consent of the instructor.

MTHT 467. Introduction to Number Theory with Application. 4 hours.
Classical topics of elementary number theory and how they pertain to teaching the upper grades. Primes, GCF, LCM, divisibility, floor and ceiling functions, Gaussian Residue, lattices. Course Information: Prerequisite(s): Admission to the Mathematics Education Concentrators Program or consent of the instructor.

MTHT 468. Geometry with Applications for Middle Grade Teachers. 4 hours.
Plane and solid figures and their properties. Polygons and polyhedra. Euler's formula. Volume versus surface area. Spacial visualization; two dimensional representations of three dimensional figures. Course Information: Prerequisite(s): Admission to the Mathematics Education Concentrators Program or consent of the instructor.

MTHT 470. Teaching Mathematics with Science: An Activity Approach I. 3 or 4 hours.
Introduction to basic variables (length, area, volume, mass, time) and the Scientific Method (picture, table, graph, questions). Extensive use of TIMS project curriculum. Course Information: 3 undergraduate hours. 4 graduate hours. For elementary school teachers. Prerequisite(s): Admission to the M.S. in the Teaching of Mathematics program (Option for Elementary School Teachers) or consent of the instructor.

MTHT 490. Topics in Teaching Secondary Mathematics. 1-5 hours.
Course content is announced prior to each term in which it is given. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Prerequisites may vary according to topic.

MTHT 491. Topics in Teaching Elementary/Junior High School Mathematics. 1-5 hours.
Course content is announced prior to each term in which it is given. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Prerequisites may vary according to topic.

MTHT 496. Independent Study. 1-4 hours.
Reading course supervised by a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the instructor and the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Mechanical Engineering (ME)

Courses

ME 118. Energy for Sustainable Society. 3 hours.
Focuses on how energy systems work today and how they can work in a decarbonized sustainable future, while still meeting the critical energy needs of global developed and developing societies. Course Information: Same as IE 118. *UIC GE Individual and Society course*.

ME 205. Introduction to Thermodynamics. 3 hours.
Principles of energy transport and work; properties of substances and equations of state; first and second laws of thermodynamics; applications to mechanical cycles and systems. Course Information: Prerequisite(s): PHYS 141 and MATH 181.

ME 210. Engineering Dynamics. 3 hours.
Dynamics of particles and rigid bodies. Introduction to Linear Algebra. Kinematics in different coordinate systems, coordinate transformations. Kinetics: Newton's second law, work energy relations, impulse-momentum relations, impact problems. Course Information: Prerequisite(s): CME 201. *IAI Major EGR course*.

ME 211. Fluid Mechanics I. 4 hours.
Fluid properties. Dimensional analysis. Statics and kinematics. Conservation equations. Inviscid and incompressible flows. Bernoulli's equation. Integral momentum theorems. Viscous flows. Boundary layer theories. Compressible Flows. Course Information: Prerequisite(s): PHYS 141 and MATH 220. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ME 250. Introduction to Engineering Design and Graphics. 3 hours.
Engineering design process, modeling, analysis. Product dissection, prototyping. Technical communication, AutoCAD, engineering graphics software, 3-D views, multiview projection, dimensioning and tolerancing, standards. Team design project. Course Information: Prerequisite(s): Eligibility to register for ENGL 160. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ME 261. Materials for Manufacturing. 2 hours.
Introductory-level course in materials engineering to familiarize students with relationships between processing, structure and properties of materials used to manufacture devices. Course Information: Same as CME 261. Credit is not given for ME 261 if the student has credit for CME 260. Prerequisite(s): CHEM 122 and CHEM 123 and PHYS 141 and MATH 181.

ME 293. Special Problems. 1-4 hours.
Special problems, readings or research under close supervision of a faculty member in the area of engineering graphics. Course Information: May be repeated. Prerequisite(s): Consent of the instructor.

ME 308. Mechanical Vibrations. 3 hours.
Free and forced vibrations of damped linear single and multiple degree of freedom systems. Approximate methods, instrumentation, and applications. Course Information: Same as CME 359. Prerequisite(s): CS 109; and ME 210; and MATH 220.

ME 312. Dynamic Systems and Control. 3 hours.
Dynamics of linear systems. Modeling of mechanical, electrical, fluid, and thermal systems. Analysis and design of feedback control systems. Analytical, computer and experimental solution methods. Time and frequency domain techniques. Course Information: Same as IE 312. Prerequisite(s): CS 109 and ECE 210 and MATH 220; and sophomore standing or above; or approval of the department.

ME 318. Fluid Mechanics II. 3 hours.
Conservation equations for fluid mechanics, inviscid ideal flows, viscous flow solutions of Navier-Stokes equations, pipe flows and boundary flows, compressible flow, computer solutions and applications. Course Information: Prerequisite(s): ME 211.

ME 320. Mechanisms and Dynamics of Machinery. 3 or 4 hours.
Kinematic analysis and synthesis of mechanisms; linkages, cams, spur gears, gear trains. Dynamic forces in machines; bearing reactions, balancing, flywheel design, friction, efficiency. Course Information: Prerequisite(s): ME 210.

ME 321. Heat Transfer. 4 hours.
Modes of heat transfer, material properties, one- and two-dimensional conduction. Extended surfaces. Forced and free convection. Heat exchangers. Radiation. Shape factors. Laboratories in conduction, convection, and radiation. Course Information: Prerequisite(s): ME 205 and credit or concurrent enrollment in ME 211. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ME 325. Intermediate Thermodynamics. 3 hours.
In-depth study of thermodynamic principles, thermodynamics of state, vapor and gas power cycles, refrigeration cycles, thermodynamics of nonreacting and reacting mixtures, internal combustion engines, and thermodynamics of equilibrium. Course Information: Prerequisite(s): ME 205 and credit or concurrent registration in ME 211.

ME 328. Numerical Methods in Mechanical Engineering. 3 hours.
Introduction to numerical solution methods for problems in mechanical engineering. Example problems include heat transfer, fluid mechanics, thermodynamics, mechanical vibrations, dynamics, stress analysis, and other related problems. Course Information: Previously listed as ME 428. Extensive computer use required. Prerequisite(s): CS 109 and Credit or concurrent registration in MATH 218 or MATH 310. Open only to juniors and seniors.

ME 341. Experimental Methods in Mechanical Engineering. 3 hours.
Introduction to the theory and practice of experimental methods, measurement techniques, instrumentation, data acquisition and data analysis in mechanical and thermal-fluid systems. Experiments and reports. Course Information: Prerequisite(s):CME 203; and ME 211. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ME 347. Engineering Design and Graphics with Computer-Aided Design and Simulation. 3 hours.
Conventional and computer-assisted methods in design. Geometric manipulation. Computer-aided modeling with curves, surfaces, and solids. Design with finite-element analysis. Course Information: Previously listed as ME 447. Extensive computer use required. Prerequisite(s): MATH 220 and CME 203 and ME 250. Recommended background: Credit in MATH 218 or MATH 310. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

ME 348. Artificial Intelligence and Data Mining for Engineering Applications. 3 hours.
Provides a comprehensive understanding of artificial intelligence (AI), data analytics, and ethics in AI in the context of Operations and Industrial Engineering Applications. Course Information: Same as IE 348. Extensive computer use required. Prerequisite(s): IE 342.

ME 370. Mechanical Engineering Design. 3 hours.
Mechanical design concepts, failure prevention under static and variable loading, application of engineering mechanics and materials to analysis, selection and design of mechanical elements such as shafts, fasteners, springs, bearings, and gears. Course Information: Prerequisite(s): CME 203 and ME 250. Recommended background: ME 320.

ME 380. Materials and Manufacturing Process Principles. 3 hours.
Behavior of common engineering materials, such as metals, polymers, ceramics, and composites, and their attributes in the context of manufacturing processes. Interaction between materials, design, and manufacturing. Economics of manufacturing. Course Information: Same as IE 380. Prerequisite(s): CME 203 and CHEM 122 and CHEM 123.

ME 391. Mechanical Engineering Practicum. 1 hour.
Provides students with the opportunity to apply the skills and knowledge gained in previous engineering courses within a professional, working environment. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 1 hour awarded toward degree requirements. Prerequisite(s): Approval of the Department.

ME 392. Undergraduate Research. 1-3 hours.
Research under close supervision of a faculty member. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Consent of the head of the department.

ME 394. Senior Capstone Design. 4 hours.
Systematic approach to the design process. Creative problem solving. Design methodology and engineering principles applied to open-ended design problems with inherent breadth and innovation. Course Information: Same as IE 394. Credit is not given for ME 394 if the student has credit for ME 396 or IE 396. Prerequisite(s): Senior standing or above; or approval of the department.

ME 396. Senior Design I. 3 hours.
Systematic approach to the design process. Creative problem solving. Design methodology and engineering principles applied to open-ended design problems with inherent breadth and innovation. Course Information: Same as IE 396. Credit is not given for ME 396 if the student has credit in IE 444 or ME 444 or IE 445 or ME 445. Prerequisite(s): ME 347 and IE 201 and Credit or concurrent registration in ME 211 and Credit or concurrent registration in ME 370; or IE 201 and Credit or concurrent registration in IE 345 and Credit or concurrent registration in IE 365. Open only to seniors. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ME 397. Senior Design II. 2 or 3 hours.
The systematic approach to the design process; creative problem solving; design methodology and engineering principles learned in ME 396 are applied to complete the Senior Design project. Course Information: Same as IE 397. Credit is not given for ME 397 if the student has credit for IE 444 or ME 444 or IE 445 or ME 445. Prerequisite(s): ME 396; or IE 396; and senior standing or above. Requires concurrent registration in ME 499 or IE 499.

ME 401. Applied Stress Analysis I. 3 or 4 hours.
Complex bending and torsion, curved flexural members, energy methods in design, theories of failure. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CME 203.

ME 408. Intermediate Vibration Theory. 3 or 4 hours.
Free and forced vibrations of multi-degree of freedom linear systems. Lagrangian dynamics, matrix, approximate and numerical methods. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 308.

ME 409. Advanced Kinematics I. 3 or 4 hours.
Kinematic synthesis of planar linkages. Higher-order, precision point and approximate synthesis. Unified treatment of position, function, and path-angle problems. Consideration of branching and rotatability. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 320.

ME 410. Automation and Robotics Applications. 3 or 4 hours.
Basic pneumatic and hydraulic systems. Design of sequential control circuits and ladder diagrams. Robot kinematics and dynamics. Robot design. Trajectory planning. Applications and demonstrations. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 210.

ME 411. Mechatronics I. 0-4 hours.
Elements of mechatronic systems, sensors, actuators, microcontrollers, modeling, hardware in the loop simulations, real time software, Electromechanical systems laboratory experiments. Course Information: Same as IE 411. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Senior standing or above; or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

ME 412. Dynamic Systems Analysis I. 3 or 4 hours.
Classical control theory, concept of feedback, laplace transform, transfer functions, control system characteristics, root locus, frequency response, compensator design. Course Information: Same as IE 412. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 308.

ME 413. Dynamics of Mechanical Systems. 3 or 4 hours.
Degrees of freedom, generalized coordinates, principle of virtual work. D'Alembert's Principle, Lagrange's Equation, Hamilton's Principle. Equations of motion and Newton-Euler equations for rigid bodies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 320.

ME 414. Theory of Gearing and Applications. 3 or 4 hours.
Classification of gear drives. Geometry of plane and spatial gears. Analysis and synthesis of gears with approximate meshing. Applications to spur, helical, worm and bevel gear drives. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 320.

ME 415. Propulsion Theory. 3 or 4 hours.
Thermodynamics and fluid mechanics of air-breathing engines, performance of rockets; chemical and nuclear rockets. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 419 or the equivalent.

ME 416. Railroad Vehicle Dynamics. 3 or 4 hours.
Introduces analytical and computational methods used for the computer aided dynamic and stability analysis of railroad vehicle systems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 413; or consent of the instructor.

ME 417. Intermediate Fluid Mechanics. 3 or 4 hours.
Development of conservation equations for Newtonian-fluids; continuity, Navier-Stokes and energy equations. Some exact and approximate solutions of highly viscous, viscous and inviscid flows. Boundary layer flows, jets and wakes. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 321.

ME 418. Transport Phenomena in Nanotechnology. 3 or 4 hours.
Free surface flows, rheologically complex liquids, colloidal suspensions, emulsions, Brownian motion, flows in micro- and nanochannels, and multiple applications. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 325 and ME 211.

ME 419. Compressible Flow Theory. 3 or 4 hours.
Conservation laws, one-dimensional flows. Normal and oblique shock waves, Prandtl-Meyer expansion, flow over airfoils. Applications to nozzles, shock-tubes, wind-tunnels. Flow with friction and heat addition or loss. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 321.

ME 420. Combined Heat and Power, Design, and Management. 3 or 4 hours.
Presents fundamental issues of successfully integrating and implementing energy systems. Combined heat and power (e.g. CHP, cogeneration) strategies, integration of renewable with nonrenewable energy sources, and impacting policies are discussed. Course Information: Same as ENER 420. 3 undergraduate hours; 4 graduate hours. Prerequisite(s): Junior standing or above. Recommended background: ME 321 and ME 325.

ME 421. Intermediate Heat Transfer. 3 or 4 hours.
Topics in conduction, convection and radiation with emphasis on exact solutions: extended surfaces, internal and external flows, surface radiation, combined modes of heat transfer and selected topics. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 321 or consent of the instructor.

ME 422. Heating, Ventilation and Air Conditioning. 3 or 4 hours.
Refrigeration systems and heat-pump, mass transfer in humidification, solar heat transfer in buildings, heating and cooling loads, air-conditioning computer project. Course Information: Same as ENER 482. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above. Recommended background: ME 321.

ME 423. Heat Exchangers. 3 or 4 hours.
Classification; heat transfer and pressure drop analysis, flow distribution, transient performance, surface selection and geometrical properties, codes and standards. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 211 and ME 321.

ME 424. Energy Management Solutions for Industry: Theory and Practice. 3 or 4 hours.
Emphasis on real world applications including: understanding utility billing and identifying costs; identifying and quantifying energy savings opportunities at industrial facilities; determining investment payback scenarios and considerations. Course Information: Same as ENER 483. 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Field work required. Extensive use of Microsoft Excel. Prerequisite(s): Junior standing or above.

ME 425. Second Law Analysis in Energy Engineering. 3 or 4 hours.
Fundamentals: lost available work. Entropy generation minimization, optimal thermal design of: heat transfer augmentation devices, thermal energy storage, cryogenics, heat exchangers, thermal insulations, solar collectors. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 321.

ME 426. Applied Combustion. 3 or 4 hours.
Topics in combustion, providing both a theoretical and applied understanding of combustion processes as they relate to furnaces. Internal and external combustion engines; pollutant formation. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 325.

ME 427. Solar Engineering. 3 or 4 hours.
Applications; solar geometry and intensities; applied heat transfer topics; flat plate and concentrating collectors; energy storage; analysis of heating and cooling systems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 321 or consent of the instructor.

ME 429. Internal Combustion Engines. 3 or 4 hours.
Introduction to engine types, characteristics and performance. Combustion processes in spark and compression ignition engines; combustion abnormalities. Analysis of intake, exhaust and fuel system. Course Information: Same as ENER 484. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing. Recommended background: ME 325.

ME 433. Non-Equilibrium Thermal Processes. 3 or 4 hours.
Molecular engineering. Non-equilibrium statistical mechanics. Distribution functions. Molecular excitation and de-excitation. Ionization and dissociation. Laser engineering. Non-equilibrium chemical kinetics. Surface processes. Chemisorption and physosorption. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 325 or consent of the instructor.

ME 441. Optical Methods in Mechanical Engineering. 0-4 hours.
Optical measurement techniques in solid mechanics and thermal-fluid engineering. Fundamentals of optics. Use of holography, interferometry, LDV, lasers, light scattering, diffraction, and other relevant techniques. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Senior standing or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ME 444. Interdisciplinary Product Development I. 3 or 4 hours.
Systematic approach to the design process. Creative problem solving. Cross-functional teams (w/students from other departments/colleges) research and apply new product concepts to open-ended design problems. Course Information: Same as IE 444. 3 undergraduate hours. 4 graduate hours. Credit for ME 444 is not given if the student has credit in ME 396 or ME 397 or IE 396 or IE 397. Year-long (with IE/ME 445) project course. Prerequisite(s): ME 347 and IE 201; or IE 345 and IE 201; and senior standing or above; and consent of the instructor.

ME 445. Interdisciplinary Product Development 2. 4 hours.
Systematic approach to the design process. Creative problem solving. Cross-functional teams (w/students from other departments/colleges) research and apply new product concepts to open-ended design problems. Focus on solutions to the opportunities. Course Information: Same as IE 445. Credit is not given for ME 445 if the student has credit in ME 396 or ME 397 or IE 396 or IE 397.Year-long (with IE/ME 444) project course. Prerequisite(s): IE 444 or ME 444; and senior standing or above; and consent of the instructor.

ME 449. Microdevices and Micromachining Technology. 0-5 hours.
Microfabrication techniques for microsensors, microstructures, and microdevices. Selected examples of physical/chemical sensors and actuators. Simulation experiments. Course Information: Same as ECE 449. 4 undergraduate hours. 5 graduate hours. Laboratory. Prerequisite(s): ECE 347; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

ME 450. Air Pollution Engineering. 3 or 4 hours.
Environmental aspects of combustion processes, pollutant formation. Control of pollutants and particulates. Air quality control. Fundamentals of combustion. Course Information: Same as CHE 450 and ENER 485. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ME 321 or consent of the instructor.

ME 451. Electric Power Generation. 3 or 4 hours.
Comprehensive study of the fossil fuel fired power plants cycles with emphasis on their efficient performance and exergy analysis. Course Information: 3 undergraduate hours. 4 graduate hours. Same as ENER 451. Prerequisite(s): Junior standing or above. Recommended background: ME 321 and ME 325.

ME 453. Sustainable Energy Engineering and Renewable Energy. 3 or 4 hours.
An in-depth study of renewable energy systems, focusing on the principles, technologies, and applications. It focuses on various renewable energy sources, including solar, wind, hydro, biomass, and geothermal etc. Course Information: Same as ENER 453. 3 undergraduate hours; 4 graduate hours. Previously listed as ENER 553. Prerequisite(s): Junior standing or above. Recommended Background: ME 321 and ME 325.

ME 464. Virtual Automation. 0-4 hours.
Fundamentals of manufacturing and automation modeling using CAD/CAM and computer-integrated manufacturing methods; concepts of virtual manufacturing; industrial robots and automated factory models within virtual environments. Course Information: Same as IE 464. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 107 or CS 108. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion, and one Laboratory.

ME 468. Virtual Manufacturing. 3 or 4 hours.
Virtual reality applications in manufacturing systems design, manufacturing applications of networked virtual reality, virtual reality modeling of occupational safety engineering. Course Information: Same as IE 468. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CS 107 or CS 108.

ME 481. Additive Manufacturing Process. 3 or 4 hours.
Covers aspects of additive manufacturing. The types that are covered are generic process, design, vat photopolymerization, extrusion based, jetting, direct writing, 3D bio-printing, powder bed fusion, slicing, and data representation. Course Information: Same as IE 481. 3 undergraduate hours. 4 graduate hours. Recommended background: Manufacturing Processes.

ME 494. Special Topics in Mechanical Engineering. 3 or 4 hours.
Particular topics vary from term to term depending on the interests of the students and the specialties of the instructor. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Prerequisite(s): Consent of the instructor.

ME 496. Undergraduate Senior Design Thesis I. 0-8 hours.
Introduction to the principles and practice of product design: specifications, evaluation of design alternatives, technical reports, and oral presentations, through independent design projects. Course Information: Same as IE 496. Credit only given to nondegree students. No graduation credit given to students enrolled in Engineering. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): Consent of the instructor.

ME 497. Undergraduate Senior Design Thesis II. 0-8 hours.
ntroduction to engineering design and research methods: design tools, product conception and development, simulation, prototyping, technical reports and presentations, literature survey and undergraduate thesis. Course Information: Same as IE 497. Credit only given to nondegree students. No graduation credit given to students enrolled in Engineering. Extensive computer use required. Field trips required at a nominal fee. Prerequisite(s): Consent of the instructor.

ME 499. Professional Development Seminar. 0 hours.
Students are provided general information about their role as UIC MIE alumni in society and the role of the University in their future careers. Students provide evaluations of their educational experience in the MIE department. Course Information: Same as IE 499. Satisfactory/Unsatisfactory grading only. Prerequisite(s): Open only to seniors; and approval of the department. Must be taken in the student's last semester of study.

Microbiology and Immunology (MIM)

Courses

MIM 322. Microbiology for Dental Students. 4 hours.
Characteristics, transmission, pathogenesis of, and immune response to microorganisms causing human oral and systemic disease. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

MIM 399. Undergraduate Laboratory Research. 1-4 hours.
Laboratory research for advanced undergraduates. Course Information: Live bacteria, viruses and/or animals used in instruction. Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Junior standing or above and consent of the instructor.

Military Science (MILS)

Courses

MILS 101. Leadership and Personal Development. 1 hour.
Examines the personal development of life skills such as cultural understanding, goal setting, time management, mental/physical resiliency, and stress management related to leadership, officership, and the Army profession. Course Information: Open to all students and enrollment does not require a commitment to join the US Army. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

MILS 102. Introduction to Leadership. 1 hour.
Investigate leadership fundamentals such as problem-solving, listening, presenting briefs, providing feedback, and using effective writing skills. Course Information: Open to all students and enrollment does not require a commitment to join the US Army. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

MILS 131. ROTC Cadet Military Physical Fitness Training Program. 1 hour.
Intended for students participating in ROTC. The students will gradually improve their level of physical fitness over the course of a semester. Course Information: May be repeated to a maximum of 8 hours.

MILS 151. Civilian Introduction to Military Physical Fitness. 1 hour.
Intended as an introduction for civilians to Army Physical Fitness. The students will gradually improve their level of physical fitness over the course of a semester. Course Information: May be repeated to a maximum of 8 hours.

MILS 171. Advanced Physical Fitness. 1 hour.
This group exercise class incorporates CrossFit type methods along with Army philosophy and teachings. It is focused on advanced weight training, metabolic conditioning, movement skill and technique.

MILS 201. Foundations of Leadership. 2 hours.
Continues to build on developing knowledge of leadership attributes and core leader competencies through the understanding of Army rank, structure, and duties as well as broadening knowledge of land navigation and squad tactics. Course Information: Enrollment does not require a commitment to join the US Army. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

MILS 202. Foundations of Tactical Leadership. 2 hours.
Examine and practice the challenges of leading teams in the complex operational environment. Study dimensions of terrain analysis, patrolling, and operation orders. Explores the dynamics of adaptive leadership in the context of military operations. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

MILS 217. Introduction to United States Military History. 3 hours.
Analytical study of American military history, doctrine, strategy, and tactics from their origin through the present. Emphasis on leadership, strategy, the principles of war, and growth of the military in the US. Course Information: Same as HIST 217. Previously listed as MILS 107. Prerequisite(s): Grade of C or better in ENGL 161. *UIC GE Past course*.

MILS 301. Adaptive Team Leadership. 3 hours.
An academically challenging course where you will study, practice, and apply the fundamentals of Army leadership, officership, Army values and ethics, and small unit tactics. Course Information: Prerequisite(s): MILS 101 and MILS 102 and MILS 201 and MILS 202 or attendance at the Leader's Training Course (LTC) and approval of the department. Contact the Military Science Department for more details. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

MILS 302. Applied Team Leadership. 3 hours.
Continue to learn and apply the fundamentals of Army leadership, officership, Army values and ethics as you hone your leadership abilities in a variety of tactical environments and the classroom. Course Information: Prerequisite(s): MILS 101 and MILS 102 and MILS 201 and MILS 202 and MILS 301 or attendance at the Leader's Training Course (LTC) and approval of the department. Contact the Military Science Department for more details. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

MILS 399. Advanced Independent Research. 0-3 hours.
Intensive research and study of selected topics. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. A practical laboratory may be required. Prerequisite(s): Approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Conference.

MILS 401. Adaptive Leadership. 3 hours.
Study the special trust reposed to Army Officers by the US Constitution and the President of the United States--a special trust given to no other civilian professions. Course Information: Previously listed as MILS 311. Prerequisite(s): MILS 101 and MILS 102 and MILS 201 and MILS 202 and MILS 301 and MILS 302 or attendance at the Leader Assessment Development Course (LDAC) and approval of the department. Contact the Military Science Department for more details. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

MILS 402. Leadership in a Complex World. 3 hours.
Students will learn about aspects of interacting with non-government organizations, civilians on the battlefield and host nation support as well as staff operations and problem solving in a complex environment. Course Information: Previously listed as MILS 394. Prerequisite(s): MILS 101 and MILS 102 and MILS 201 and MILS 202 and MILS 301 and MILS 302 and MILS 401 or attendance at the Leader Assessment Development Course (LDAC) and approval of the department. Contact the Military Science Department for more details. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

Moving Image Arts (MOVI)

Courses

MOVI 105. Black Film, 1900 - Present: Images, Individuals and Ideas on Screen. 3 hours.
Examination of the history of black people in film – looking both at films by black people in the United States and the diaspora, and at the relationship between black filmmakers, performers, and audiences to national and global film industries. Course Information: Same as BLST 105 and COMM 105. *UIC GE Creative Arts course, and UIC GE US Society course*.

MOVI 130. Understanding Korean History, Culture and Society through Contemporary Korean Films. 3 hours.
Exploration of contemporary Korean history and culture through film. Course Information: Same as KOR 130. Taught in English. *UIC GE World Cultures course*.

MOVI 131. Understanding Moving Image Arts. 3 hours.
Examination and interpretation of moving image texts such as film, television, and new digital media. Course Information: Same as ENGL 131. *UIC GE Creative Arts course*.

MOVI 132. Understanding Film. 3 hours.
Representative selections of film, from a variety of periods and forms. Development of analytical and interpretive skills in understanding film. Course Information: Same as ENGL132. *UIC GE Creative Arts course*.

MOVI 200. Communication Technologies. 3 hours.
Focus on historical and cultural aspects of technology, including identity, community, social justice, popular culture, everyday life. Technologies covered range from early nonverbal communication to AI and technologies of the future. Course Information: Same as COMM 200. Some sections may be offered fully online or in a blended-online and classroom course setting. Use of computer and internet access is required for all online and blended sections. Consult the schedule of classes for mode of instruction. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161. *UIC GE Individual and Society course*.

MOVI 207. European Cinema. 3 hours.
An overview of the major developments in European cinema from the post-World II period to the present. Course Information: Same as GER 207 and SPAN 207. Prerequisite(s): ENGL 160. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

MOVI 208. Central and Eastern European Cinema. 3 hours.
An overview of the main trends in the central and eastern European cinematic tradition and its role in the history of world cinema. Course Information: Same as CEES 208. Taught in English. Weekly film screenings. Prerequisite(s): ENGL 160; or consent of the instructor. *UIC GE Creative Arts course*.

MOVI 225. Spanish and Latin American Culture through Literature and Film. 3 hours.
Introduces students to the Hispanic cultures, both Peninsular and Latin American, as represented in literature and film throughout the 20th and 21st centuries. Course Information: Same as SPAN 225. Taught in English. Two hours per week to view films. Prerequisite(s): Completion of the university writing requirement. Class Schedule Information: To be properly enrolled, students must register for one Lecture/Discussion and one Lab. *UIC GE World Cultures course*.

MOVI 229. Introduction to Asian Film. 3 hours.
A theoretical analysis of films by recognized masters of Asian cinema. Course Information: Same as GLAS 229 and ENGL 229. Taught in English. Films contain English subtitles. One film per week will be screened outside of class. Students may choose to attend the official screenings or watch the films on their own. Prerequisite(s): ENGL 161. *UIC GE World Cultures course*.

MOVI 230. Introduction to Film and Culture. 3 hours.
Analysis of representative works that reflect the relationship between cinema and its cultural context. Course Information: Same as ENGL 230. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

MOVI 232. History of Film I: 1890 to World War II. 3 hours.
History of film from its beginnings in the 1890s up to World War II. Course Information: Same as AH 232 and ENGL 232. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. Recommended background: ENGL 131 or ENGL 132 or ENGL 230. *UIC GE Creative Arts course*.

MOVI 233. History of Film II: World War II to the Present. 3 hours.
History of film from World War II to contemporary movements in world cinema. Course Information: Same as AH 233 and ENGL 233. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. Recommended background: ENGL 131 or ENGL 132. *UIC GE Creative Arts course*.

MOVI 234. History of Television. 3 hours.
A critical history of television. Course Information: Same as COMM 234 and ENGL 234. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

MOVI 239. Twentieth-Century Russia in Film. 3 hours.
Survey of social, political and cultural development of the Russian Empire and Soviet Union through the use of film as a historical source. Course Information: Same as HIST 239 and RUSS 239. Course Information: Prerequisite(s): ENGL 160 or completion of any 100-level history course. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

MOVI 250. Cinema and Empire. 4 hours.
Explores the legacy of Eurasian cinema with films from the Russian empire, the Soviet Union, the Caucasus, and Central Asia. Topics include: silent film, montage, animation, transition to sound cinema, cinematic realism, and digital media. Course Information: Same as CEES 250. Taught in English. Extensive computer use required. All assignments and course interactions will utilize internet technologies. Students are required to have access to a computer, internet, and the following software packages: A web browser (compatible with Blackboard), Adobe Acrobat Reader or any other free PDF reader, Microsoft Word or Google Docs. Students are responsible for having a reliable computer and internet connection throughout the course. Prerequisite(s): ENGL 160. Recommended background: RUSS 150. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

MOVI 254. Future Television. 3 hours.
The expansion of television and the forces shaping its future. Course Information: Same as COMM 254. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): ENGL 160 and ENGL 161.

MOVI 270. The Reel Arab. 3 hours.
Examination of how Arabs are portrayed in the cinema. Exploration of popular films (both Western and Arab) and their prominent conventions. Focus on gender issues, racial and ethnic representations, and analysis of patriarchal attitudes. Course Information: Same as ARAB 270. Taught in English. Prerequisite(s): Completion of ENGL 160; or any 100- or 200-level film course. *UIC GE Creative Arts course*.

MOVI 277. Reel Mobsters: Mafia in Film and Television. 3 hours.
Explores Italian and American mafia films and TV, analyzing cultural impact, mythmaking, and cinematic portrayals of organized crime across genres, styles, and national perspectives. Course Information: Same as ENGL 277 and ITAL 277. Taught in English. *UIC GE Creative Arts course, and UIC GE US Society course*.

MOVI 278. Latin American/Latino Film Studies. 4 hours.
Introduction to the history and major aesthetic movements of Latin American cinema. Course Information: Same as LALS 278 and SPAN 278. Taught in English. Includes a film screening component. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

MOVI 280. Beyond Italy: Cinema, Culture, and Change. 3 hours.
An exploration of Italian and Italian-American cinema with a focus on Italy's culture, its global reach, and the critical, social issues that continue to shape our world. Course Information: Same as ITAL 280. Taught in English. Extensive computer use required. No knowledge of Italian required. Films screened with English subtitles. This course is offered in both face-to-face (16 weeks) and online asynchronous format (8 weeks). Online courses involve heavy computer usage; computer and internet access are required. Check the class schedule for details on specific sections. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

MOVI 331. Studies in the Moving Image. 3 hours.
Study of a topic or movement in film and/or other media forms. Course Information: Same as ENGL 331. May be repeated to a maximum of 6 hours. Recommended Background: ENGL 131.

MOVI 440. Topics in French and Francophone Cinema. 3 or 4 hours.
Significant films from either France or another Francophone part of the world will be studied in their historical, intellectual, and cultural context. Course Information: 3 undergraduate hours. 4 graduate hour. Same as FR 440. May be repeated for a maximum of 9 hours of credit for undergraduates, or 12 hours of credit for graduate students, as long as the topic is different for each registration. Taught in English. Students who intend to use FR 440 toward the major in French must complete assignment in French. Prerequisite(s): Grade of C or better or concurrent registration in FR 300 or Grade of C or better or concurrent registration in FR 301 or Grade of C or better or concurrent registration in FR 302; or consent of the instructor.

Museum and Exhibition Studies (MUSE)

Courses

MUSE 400. Topics in Museum and Exhibition Studies. 3-5 hours.
Investigation of a problem, topic or issue relevant to the interdisciplinary field of Museum and Exhibition Studies. Content varies. Course Information: 3 to 4 undergraduate hours. 4 to 5 graduate hours. May be repeated for credit. Extensive computer use required.

Music (MUS)

Courses

MUS 100. Introduction to Music I. 3 hours.
Listening, understanding, and enjoying music. Course Information: May not be taken for credit by music majors or minors. *IAI GECC Fine Arts course, and UIC GE Creative Arts course*.

MUS 101. Music Theory I. 3 hours.
Notation of rhythm and pitch; scales, intervals, triads, and seventh chords; principles of voice leading and harmonic progression. Course Information: Must enroll concurrently in MUS 103 and MUS 170.

MUS 102. Music Theory II. 3 hours.
Non-chord tones; cadences, phrases, and periods; introduction to Schenkerian analysis; inversions of triads and seventh chords. Course Information: Prerequisite(s): MUS 101. Must enroll concurrently in MUS 104 and MUS 171.

MUS 103. Ear Training I. 1 hour.
The development of aural perception and sight-singing ability; material is correlated with MUS 101. Course Information: Must enroll concurrently in MUS 101, and MUS 170.

MUS 104. Ear Training II. 1 hour.
The development of aural perception and sight-singing ability; material is correlated with MUS 102. Course Information: Prerequisite(s): MUS 103 or the equivalent; and concurrent registration in MUS 102 and MUS 171.

MUS 106. Jazz Improvisation I. 3 hours.
The first course in a three-course sequence studying the techniques and methods of jazz improvisation. Course Information: Corequisite(s): Requires concurrent registration in MUS 102 and MUS 104. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

MUS 107. Fundamentals of Music Theory. 3 hours.
Notation, metrical organization and rhythmic structure, scales and key signatures, intervals, triads, ear training, and sight singing. Course Information: For the general student. May not be taken for credit by music majors or minors. Creative Arts course. *UIC GE Creative Arts course*.

MUS 108. Jazz Fundamentals. 3 hours.
The study and execution of fundamental jazz terminology, skills, and applications of major-scale and melodic minor scale melody and harmony. Course Information: Students outside of the Department of Music may enroll only with the permission of the department. Corequisites: Requires concurrent registration in MUS 101 and MUS 103. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

MUS 110. Convocation/Recital. 0 hours.
A weekly convocation presenting concerts by faculty, visiting artists, or students. Course Information: Satisfactory/Unsatisfactory grading only.

MUS 111. Master Class in Performance. 0 hours.
Three to six master classes are offered per semester. Students must attend at least half of those offered; students must perform in one class each year. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Enrollment in the Music Performance option. Recommended background: Three years of private lessons.

MUS 113. Art Song. 3 hours.
Examines the core art song repertoire of German Romantic song and the French, Russian and American art song repertoires of the 19th and 20th centuries. *UIC GE Creative Arts course*.

MUS 114. Jazz History. 3 hours.
A nontechnical survey of the history and development of jazz from its West African roots to contemporary styles. *UIC GE Creative Arts course, and UIC GE Past course*.

MUS 115. Opera. 3 hours.
Representative operas from Mozart through the early 20th century from the point of view of how music contributes to drama in opera. *UIC GE Creative Arts course*.

MUS 116. The Science and History of Sound in the Arts. 3 hours.
Investigates physical properties of sound and their application in the arts. Students will explore sound through math, physics, and acoustics fundamental principles. Principles of sound will be tested/evaluated through research/applied projects. Course Information: Same as ART 116. Extensive computer use required. Field work required. *UIC GE Natural World No Lab course*.

MUS 117. Music for Symphony Orchestra. 3 hours.
Examines representative works for symphony orchestra from Haydn through the 20th century focusing on the most important genres; symphony, overture and tone poem. *UIC GE Creative Arts course*.

MUS 118. American Popular Music since 1850. 3 hours.
History of American popular music from 1850 to the twenty-first century. Analysis of musical characteristics, survey of traditions, and examination of social/cultural contexts of popular music developments. *UIC GE Creative Arts course, and UIC GE Past course*.

MUS 119. Music for the Piano. 3 hours.
A survey of piano music from the Classical period through the 20th century. *UIC GE Creative Arts course*.

MUS 120. Jazz Improvisation II. 3 hours.
Second course in a three-course sequence of the studying the techniques and methods of jazz improvisation. Course Information: Students outside of the Department of Music may enroll only with the permission of the department and non-music majors must pass theory/ear-training pre-test. Prerequisite(s): Grade of C or better in MUS 106 and Grade of C or better in MUS 102 and Grade of C or better in MUS 104 and Grade of C or better in MUS 171 and Grade of C or better in MUS 271. Corequisite(s): Concurrent registration required in MUS 150, MUS 159, MUS 160, MUS 201, and MUS 203. Recommended background: Previous performance in jazz big band or jazz combo.

MUS 127. Latin American Music. 3 hours.
Survey class that introduces students to the rich repertoire of music in Latin America. It explores the history of genres, their development, instruments and representative artists in their geographical, social and cultural contexts. Course Information: Same as LALS 127. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

MUS 150. Vocal Jazz Ensemble. 1 hour.
Study/performance of jazz ensemble techniques and the performance of standard vocal jazz repertoire. Course Information: May be repeated to a maximum of 8 hours. Prerequisite(s): Basic music reading skills and an audition required. Recommended background: Previous choir experience.

MUS 151. Concert Band. 1 hour.
Introduction to varied symphonic band and wind ensemble literature. Regular performances during the school year; occasional field trips. Course Information: May be repeated to a maximum of 8 hours. Occasional field trips. Prerequisite(s): Audition and/or consent of the instructor.

MUS 152. Instrumental Ensembles. 1 hour.
Performance of chamber ensemble literature of varied types. Course Information: May be repeated to a maximum of 8 hours. Students may register in more than one section per term. Occasional concerts on and off campus. Prerequisite(s): Audition and consent of the instructor.

MUS 153. University Choir. 1 hour.
Student performance of choral literature of all musical periods. Course Information: May be repeated to a maximum of 8 hours. Occasional concerts off-campus. Prerequisite(s): Audition required.

MUS 154. Chamber Choir. 1 hour.
Study/performance of choral literature for 16 to 24 voices. Course Information: May be repeated to a maximum of 8 hours. Occasional concerts off-campus. Prerequisite(s): Audition required.

MUS 155. Treble Choir. 1 hour.
Study/performance of choral literature of all musical periods. Course Information: May be repeated to a maximum of 8 hours. Occasional concerts off-campus. Prerequisite(s): Basic music-reading skills and an audition required.

MUS 156. Pep Band. 1 hour.
Performs at home basketball games. Course Information: May be repeated to a maximum of 8 hours. Prerequisite(s): Consent of instructor. Must enroll concurrently in MUS 151. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Practice.

MUS 157. University Orchestras. 1 hour.
Designed for the study and performance of traditional and contemporary literature for symphony orchestra. Course Information: May be repeated to a maximum of 8 hours. Students may register in more than one section per term. Participation in rehearsals and field trip performances required. Due to the nature of music ensembles, required performances will occur at times other than class times, and additional required rehearsals may be announced. Prerequisite(s): Audition and/or consent of the instructor. Recommended background: Three years of private lessons and/or high school orchestra experience.

MUS 159. Jazz Ensemble. 1 hour.
Practical experience in the preparation and public performance of big band and small ensemble jazz. Course Information: May be repeated to a maximum of 8 hours. Field trips may be required. Prerequisite(s): Audition or consent of the instructor.

MUS 160. Small Jazz Ensemble. 1 hour.
Various instrumental ensembles focusing on performance techniques within the historical development of the American jazz ensemble. Performances at various events across the UIC campus and the greater Chicago community. Course Information: May be repeated to a maximum of 8 hours. Prerequisite(s): Audition or consent of the instructor. Recommended backgroud: Minimum three years private instruction on student's preferred instrument.

MUS 161. Teaching and Learning Brass. 1 hour.
Instructs students in the effective teaching and learning of brass instruments in K-12 school settings. Course Information: Field work required.

MUS 162. Teaching and Learning Jazz. 1 hour.
Prepares students to teach techniques and styles of jazz from early blues and dixieland through current trends of jazz within K-12 classrooms. Course Information: Field work required.

MUS 163. Teaching and Learning Percussion. 1 hour.
Provides music education majors with fundamental information regarding performance techniques and teaching methods for musical instruments in the percussion family. Course Information: Field work required.

MUS 164. Teaching Popular Music. 1 hour.
Prepares students to teach popular music techniques and styles in K-12 classrooms. Course Information: Field work required.

MUS 165. Teaching and Learning Strings. 1 hour.
Provides music education majors with fundamental information regarding performance techniques and teaching methods for bowed string instruments. Course Information: Field work required.

MUS 166. Teaching and Learning Voice. 1 hour.
Prepares students to teach vocal techniques and styles in various K-12 classrooms. Course Information: Field work required.

MUS 167. Teaching and Learning Woodwinds. 1 hour.
Introduction to woodwind pedagogy, performance practice, and techniques. Coverage of instrumental methods for flute, oboe, clarinet, saxophone, and bassoon. Course Information: Field work required.

MUS 168. Banda, Mariachi, & Salsa. 1 hour.
Prepares students to establish banda, salsa, and mariachi ensembles in K-12 schools and teach their instrumental techniques and stylistic parameters in K-12 classroom settings. Course Information: Field work required.

MUS 170. Keyboard Skills I. 2 hours.
Development of basic keyboard skills including sight reading, transposition, improvisation, and ensemble playing. Course Information: Prerequisite(s): Concurrent registration in MUS 101 and 103, or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Laboratory.

MUS 171. Keyboard Skills II. 2 hours.
Continues MUS 170. Course Information: Prerequisite(s): Grade of C or better in MUS 170; Concurrent registration in MUS 102 and MUS 104.

MUS 180. Private Instrumental Lessons. 2 hours.
Applied music instruction in strings, woodwinds, brass, percussion, piano, guitar or organ. Prerequisite(s): Audition prior to initial registration and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

MUS 181. Private Instrumental Lessons-30 Minutes. 1 hour.
Applied music instruction on musical instruments. Lessons last 30 minutes. Course Information: May be repeated to a maximum of 8 hours. Prerequisite(s): Approval of the Department and admission to the music major and successful completion of an audition. Recommended Background: Previous music and instrumental study. Class Schedule Information: To be properly registered, students must enroll in one Practice and Conference.

MUS 182. Private Voice Lessons. 2 hours.
Applied music instruction in voice. Course Information: May be repeated to a maximum of 16 hours. Prerequisite(s): Approval of the department and admission to the music major and successful completion of an audition. Recommended background: Previous music and vocal study. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

MUS 183. Private Vocal Lessons-30 Minutes. 1 hour.
Applied music instruction in voice. Lessons last 30 minutes. Course Information: May be repeated to a maximum of 8 hours. Prerequisite(s): Approval of the Department and admission to the music major and successful completion of an audition. Recommended Background: Previous music and voice study. Class Schedule Information: To be properly registered, students must enroll in one Practice and Conference.

MUS 190. Class Voice. 1 hour.
Group instruction in singing. Course Information: May be repeated to a maximum of 8 hours. Prerequisite(s): Consent of the instructor and concurrent registration in MUS 153 or MUS 155. May not be taken concurrently with MUS 180. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Practice.

MUS 191. Commercial and Legal Foundations of the Music Industry. 3 hours.
Historical survey of the music industry since 1900. Examination of business sectors associated with music products and services. Survey of intellectual property law and contractual agreements associated with arts organization. Course Information: No graduation credit. Previously listed as MUS 290.

MUS 192. Music Industry Forum. 2 hours.
Explores current issues, trends, and innovations in the music industry through guest lectures, case studies, and discussions connecting academic learning with professional practice and career development. Course Information: Prerequisite(s): MUS 191; and junior standing or above. Recommended background: MUS 390 or MUS 396 or MUS 397.

MUS 201. Theory of Music III. 3 hours.
Continues MUS 102. Chromatic harmony of the eighteenth and nineteenth centuries. Study of two- and three-part forms. Course Information: Prerequisite(s): Grade of C or better in MUS 102 and grade of C or better in MUS 104 or the equivalents.

MUS 202. Theory of Music IV. 3 hours.
Continues MUS 201. Harmony in the late nineteenth century; introduction to twentieth-century practices. Course Information: Prerequisite(s): Grade of C or better in MUS 201 and Grade of C or better in MUS 203, or the equivalents.

MUS 203. Ear Training III. 1 hour.
Aural perception and sight singing. Course Information: Prerequisite(s): Grade of C or better in MUS 104 or the equivalent; and concurrent registration in MUS 201.

MUS 204. Ear Training IV. 1 hour.
Advanced aural perception and sight singing. Course Information: Prerequisite(s): Grade of C or better in MUS 203. Must enroll concurrently in MUS 202.

MUS 220. Jazz Aesthetics. 3 hours.
A technical survey of the factors and topics that permeate and surround the development and production of jazz. Course Information: Prerequisite(s): Sophomore standing or above and MUS 114; and grade of C or better in MUS 102 and grade of C or better in MUS 104. Requires concurrent registration in MUS 150, or MUS 159 or MUS 160. Recommended background: Jazz ensemble performance.

MUS 221. Jazz Improvisation III. 3 hours.
Third course in a three-course sequence studying the techniques and methods of jazz improvisation. Course Information: Prerequisite(s): Grade of C or better in MUS 201 and Grade of C or better in MUS 203; and Grade of C or better in MUS 120; and sophomore standing or above; or approval of the department.

MUS 223. Music Technology. 3 hours.
Introduction to the techniques and applications of music technologies. Students trained in music software, applications to education, composition, and performance. MIDI, analog and digital audio, acoustics, notation, multimedia, and sequencing. Course Information: Extensive computer use required. Prerequisite(s): MUS 107; or appropriate score on the department placement test; or consent of the instructor. Due to number of workstations, enrollment will be capped at 14.

MUS 227. Music Cultures of the World. 3 hours.
Examination of music throughout the world from an ethnomusicological perspective. Emphasis on classical, tribal, and folk musics; music as a cultural phenomenon. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

MUS 230. History of Western Music I: Music of the Middle Ages and Renaissance. 3 hours.
Principal styles and composers from the Middle Ages through the Renaissance. Course Information: Prerequisite(s): Grade of C or better in MUS 102 and Grade of C or better in MUS 104 or the equivalents. Music Majors may have only one Grade of D among MUS 230, MUS 231, and MUS 232.

MUS 231. History of Western Music II: Music of the Baroque and Classical Periods. 3 hours.
Principal styles and composers from the baroque period through the classical period. Course Information: Prerequisite(s): MUS 230; and a Grade of C or better in MUS 202 and MUS 204, or the equivalents. Music Majors may have only one Grade of D among MUS 230, MUS 231, and MUS 232.

MUS 232. History of Western Music III: Music from Romanticism through the Present. 3 hours.
Principal styles and composers from the nineteenth through the twenty-first centuries. Course Information: Prerequisite(s): Grade of C or better in MUS 202 and grade of C or better in MUS 204; and MUS 231. Music Majors may have only one Grade of D among MUS 230, MUS 231, and MUS 232.

MUS 240. Music, Gender and Culture. 3 hours.
Examination of the intersection of music, gender and sexuality in different historical periods and cultures. Study of music's role in the formation and expression of gender identity in classical and popular music. Course Information: Same as GWS 240. *UIC GE Creative Arts course, and UIC GE Individual and Society course*.

MUS 260. Roots of K-Pop: Popular Culture in Modern Korean History. 3 hours.
Critical examination of popular culture and music as a window into major historical events in modern Korea and Korean diaspora. Course Information: Same as GLAS 260 and HIST 260. Recommended background: Grade of C or better or concurrent registration in GLAS 100 or Grade of C or better or concurrent registration in GLAS 120. *UIC GE World Cultures course*.

MUS 270. Keyboard Skills III. 2 hours.
Continues MUS 171. Course Information: Prerequisite(s): Grade of C or better in MUS 171 and concurrent registration in MUS 201 and MUS 203 or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Laboratory.

MUS 271. Keyboard Skills IV. 2 hours.
Advanced keyboard skills, including keyboard harmony, improvisation, accompanying, and score reading. Course Information: Prerequisite(s): Grade of C or better in MUS 270 and concurrent registration in MUS 202 and MUS 204 or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Discussion/ Recitation and one Laboratory.

MUS 280. Advanced Private Instrumental Lessons. 3 hours.
Private instruction at an advanced level in strings, woodwinds, brass, percussion, or piano, culminating in a jury exam. Course Information: May be repeated to a maximum of 12 hours. Prerequisite(s): Four semesters of MUS 180 and approval of the department. Students must receive a grade of B or better in order to repeat this course. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

MUS 282. Advanced Private Voice Lessons. 3 hours.
Advanced applied music instruction in voice. Course Information: May be repeated to a maximum of 12 hours. Prerequisite(s): Approval of the department and admission to the music major and successful completion of four terms of MUS 182. Students must receive a grade of B or better in order to repeat this course. Recommended background: Performance experience beyond regular UIC studies. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

MUS 298. Selected Topics in Music. 3 hours.
Study in specialized areas of music history, music theory, jazz, and ethnomusicology. Course Information: May be repeated to a maximum of 12 hours. Prerequisite(s): Consent of the instructor.

MUS 299. Independent Study. 1-4 hours.
Projects and topics for individual investigation. Course number may be used for student-initiated courses. Course Information: May be repeated to a maximum of 16 hours. Students may register in more than one section per term. Prerequisite(s): MUS 202 and MUS 204 and approval of the department.

MUS 300. Counterpoint. 3 hours.
Written exercises and study of contrapuntal techniques in a variety of styles. Course Information: Prerequisite(s): Grade of C or better in MUS 202 and grade of C or better MUS 204; or approval of the department. Music major may have only one grade of D in 300-level coursework.

MUS 301. Analytic Techniques. 3 hours.
Analysis of representative works in a variety of genres from the seventeenth through the twentieth centuries. Course Information: Prerequisite(s): Grade of C or better in MUS 202. Music majors may have only one grade of D in 300-level coursework.

MUS 302. Composing for Small Ensembles. 3 hours.
Class and individual instruction in the basic techniques composition. Practice in the use of twentieth-century and twenty-first century musical materials. Focus is on strategies for composing for small ensembles. Course Information: Prerequisite(s): Grade of C or better in MUS 202 and grade of C or better in MUS 204 or approval of the department. Music majors may have only one grade of D in 300-level coursework.

MUS 303. Composing for Large Ensembles. 3 hours.
Class and individual instruction in the basic techniques composition. Practice in the use of twentieth-century and twenty-first century musical materials. Focus is on strategies for composing for large ensembles. Course Information: May be repeated. Prerequisite(s): Grade of C or better in MUS 302. Music majors may have only one grade of D in 300-level coursework.

MUS 304. Conducting. 3 hours.
Basic techniques; body position; beat patterns; use of baton; division of beats; starting and stopping; the left hand; dynamics; fermatas; ensemble application; score preparation; memorization. Course Information: Prerequisite(s): Grade of C or better in MUS 202 and Grade of C or better in MUS 204; and junior standing or above; or approval of the department. Majors may have only one D in 300-level courses.

MUS 305. Advanced Conducting. 3 hours.
Builds upon the basic techniques established in MUS 304 Conducting, including gestural skills, continued work on the analysis and interpretation of music, rehearsal techniques and the synthesis of those skills in real-world applications. Course Information: Prerequisite(s): MUS 304 or approval of the instructor.

MUS 306. Orchestration and Arranging I. 3 hours.
The acoustical properties, musical characteristics, and scoring problems of string, woodwind, and brass and percussion instruments. Scoring for string, woodwind, and brass ensembles. Course Information: Prerequisite(s): Grade of C or better MUS 202 and grade of C or better in MUS 204 or approval of the department. Music majors may have only one grade of D in 300-level coursework.

MUS 307. Orchestration and Arranging II. 3 hours.
The acoustical properties, musical characteristics, and scoring problems of percussion, keyboard, and electronic instruments. Scoring for mixed ensembles, band, orchestra. Course Information: Prerequisite(s): Grade of C or better in MUS 306. Music majors may have only one grade of D in 300-level coursework.

MUS 310. Jazz Theory and Keyboard. 3 hours.
Required course designed to acquaint students with the rhythmic, melodic, harmonic, and structural aspects of jazz using the keyboard. Course Information: Prerequisite(s): Grade of C of better in MUS 202, and Grade of C or better in MUS 204, and Grade of B or better in MUS 271; and junior standing or above; or approval of the department. Majors may have only one D in 300-level courses.

MUS 311. Jazz Theory and Keyboard II. 3 hours.
Advanced course to continue exploration of rhythmic, melodic, harmonic, and structural aspects of jazz. Course Information: Prerequisite(s): Grade of C or better in MUS 310. Majors may have only one D in 300-level courses.

MUS 312. Jazz Arranging I. 3 hours.
Concentration on developing compositional and orchestration/arranging skills in various jazz and commercial styles. Course Information: Prerequisite(s): Grade of C or better in MUS 120 and Grade of C or better in MUS 221; and junior standing or above; or approval of the department. Majors may have only one D in 300-level courses.

MUS 313. Jazz Arranging II. 3 hours.
Advanced course for developing compositional and orchestration/arranging skills in various jazz and commercial styles. Course Information: Prerequisite(s): Grade of C or better in MUS 312; or approval of the department. Majors may have only one D in 300-level courses.

MUS 314. Advanced Topics in Jazz History and Analysis. 3 hours.
Transcription/analysis is widely acknowledged to be an essential study to develop a jazz student's expressive voice. Students study great jazz recordings in historical context. Compositions/improvised solos are transcribed, analyzed, and performed. Course Information: Prerequisite(s): Grade of C or better in MUS 221.

MUS 315. Advanced Topics in Jazz Performance Practice. 3 hours.
A rotating series of topics intended to provided advanced work for students in the Jazz Studies program not covered elsewhere in the curriculum and intended to address the ever-changing landscape students encounter in the field of jazz performance. Course Information: Prerequisite(s): Grade C or better in MUS 202 and Grade of C or better in MUS 204; and sophomore standing or above; and audition or approval of the department.

MUS 320. Music Proseminar. 1-3 hours.
Selected topics for intensive study in specialized areas of music history or music theory. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Senior standing with major in music and consent of the instructor.

MUS 323. Digital Music Engraving. 3 hours.
A hands-on music notation and engraving course designed to give the student professional-level fluency in music notation software. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

MUS 324. Music Teaching in Ensemble Settings. 3 hours.
Study of philosophies and approaches of teaching and conducting music in ensemble settings. Course Information: Field work required. Prerequisite(s): MUS 101 and MUS 102 and MUS 103 and MUS 104 and MUS 170 and MUS 304. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

MUS 325. Participatory and Digital Music Practices. 3 hours.
Introduction and application of digital and participatory music practices. Topics center around diversity, creativity, identity formation, and the use of popular, culturally responsive, and critical pedagogies in music. Course Information: Field work required. Prerequisite(s): MUS 101 and MUS 102 and MUS 103 and MUS 104.

MUS 326. Teaching Music to Children. 4 hours.
Study and evaluation of philosophies, approaches, and materials of teaching and learning music with children from birth to adolescence. Course Information: Field work required. Prerequisite(s): MUS 101 and MUS 102 and MUS 103 and MUS 104 and MUS 170. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

MUS 330. Advanced Topics in Music History and Ethnomusicology. 3 hours.
Advanced study of topics relating to music history, music literature, and music theory and ethnomusicology. Subject chosen by instructor. Course Information: Prerequisite(s): Grade of C or better in MUS 230 and Grade of C or better in MUS 101 and Grade of C or better in MUS 102; and consent of the instructor. Recommended background: Grade of C or better in MUS 230 or Grade of C or better in MUS 231 or Grade of C or better in MUS 232; and Grade of C or better in MUS 113 or Grade of C or better in MUS 114 or Grade of C or better in MUS 115 or Grade of C or better in MUS 116 or Grade of C or better in MUS 117 or Grade of C or better in MUS 118 A grade of C or above in any Music Literature course (MUS 113, 114, 115, 117, 118, 127, 119, 240.

MUS 340. Choral Music Methods and Materials. 2 hours.
Covers the organization of choral music programs; the methods, materials, and technology used; as well as a survey of music literature appropriate for choral ensembles of various ages and contexts. Course Information: Field work required. MUS 101 and MUS 102 and MUS 103 and MUS 104 and MUS 170.

MUS 341. Instrumental Music Methods and Materials. 2 hours.
Covers the organization of instrumental music programs; the methods, materials, and technology used; as well as a survey of music literature appropriate for instrumental ensembles of various ages and contexts. Course Information: Field work required. Prerequisite(s): MUS 101 and MUS 102 and MUS 103 and MUS 104.

MUS 350. Music Classrooms for All Learners. 3 hours.
Enables the prospective music teacher to learn how to coordinate the classroom learning environment to effectively address the diverse needs of students in music classrooms. Course Information: Prerequisite(s): ED 100 and EPSY 255.

MUS 351. Assessment in Music Classrooms. 3 hours.
Provides future music teachers an introduction to the methods, assumptions, and practical applications of measurement, evaluation, and assessment in classroom settings.

MUS 390. Record Company Marketing and Operations. 3 hours.
Study of marketing and operations practices employed by record companies. Understanding of analytic techniques used to inform marketing decisions. Analysis of music industry marketing research methodology. Survey of promotion practices. Course Information: Extensive computer use required. Field work required. Prerequisite(s): Grade of C or better in MUS 290 and Grade of C or better in MUS 202 and Grade of C or better in MUS 201 and Grade of C or better in MKTG 360 and Grade of C or better in ACTG 210. Recommended background: Fluency in reading and performing music.

MUS 391. Study Abroad in Music. 0-16 hours.
Study abroad within an approved foreign exchange program or department-sponsored program. Course Information: May be repeated with approval. Approval to repeat course granted by the department. Prerequisite(s): Approval of the department.

MUS 395. Internship in Music Business. 3 hours.
Cooperative education that provides students with opportunities, mentors and practical work experience in music businesses. Course Information: May be repeated for a maximum of 12 hours of credit. Students may register for more than one section per term. Field work required. Prerequisite(s): Grade of C or better in MUS 390 and consent of the program coordinator.

MUS 396. Music Publishing. 3 hours.
Survey of the music publishing industry. Issues of rights and ownership in music, songwriting collaboration agreements and music licensing are analyzed. The role of the Music Supervisor is discussed. Issues of negotiation and compliance are covered. Course Information: Field work required. Prerequisite(s): ACTG 210 and MKTG 360 and MUS 201 and MUS 202 and MUS 290. Recommended Background: Fluency in reading and performing music.

MUS 397. Concert Promotion and Venue Management. 3 hours.
Survey of the concert and event promotion industry. Analysis of legal aspects of concert promotion. Survey of the process of selling and staging musical performances. Survey of practices and procedures of public assembly and venue management. Course Information: Field work required. Prerequisite(s): ACTG 210 and MKTG 360 and MUS 201 and MUS 202 and MUS 290 and MUS 390. Recommended Background: Fluency in reading and performing music.

MUS 465. Teaching Music to Culturally and Linguistically Diverse Students. 4 hours.
Provides principles of second language learning and teaching in music classrooms. Students develop understandings of the impact of cultural diversity, immigration, and legacies of colonialism on policy, schools, and learning. Course Information: Prerequisite(s): ED 100 and EPSY 255.

MUS 466. Music Student Teaching in Grades PreK-8 with Seminar. 4 hours.
Students will practice teaching music in schools to students in grades PreK-8 under the guidance of a certified music teacher and university supervisor. Course includes an accompanying weekly seminar. Course Information: Field work required. Prerequisite(s): MUS 350 and MUS 351 and MUS 465. Class Schedule Information: To be properly registered, students must enroll in one Practice and one Lecture-Discussion.

MUS 467. Music Student Teaching in Grades 9-12 with Seminar. 4 hours.
Students will practice teaching music in schools to students in grades 9-12 under the guidance of a certified music teacher and university supervisor. Course includes an accompanying weekly seminar. Course Information: Field work required. Prerequisite(s): MUS 350 and MUS 351 and MUS 465. Class Schedule Information: To be properly registered, students must enroll in one Practice and one Lecture-Discussion.

MUS 490. Music Education: Special Topics. 1-4 hours.
An investigation of various topics in music education pertinent to practicing music teachers. Course Information: May be repeated. Prerequisite(s): Senior standing or above.

MUS 498. Advanced Music Ensembles. 1 hour.
Participation in a UIC music ensemble. Performance of music literature of varied types, corresponding to the ensemble: band, choir, chamber music, jazz bands, mariachi, and orchestra. Occasional concerts on and off campus. Course Information: May be repeated for credit. Students may register for more than one section per term. Due to the nature of music ensembles, required performances will occur at times other than class times, and additional required rehearsals may be announced. Open to all students who have been accepted by audition, with assignments made according to proficiency and instrumentation. Placement auditions are required for all students and held at the beginning of each semester.

Native American Studies (NAST)

Courses

NAST 113. Native American Studies: Sovereignty. 3 hours.
Overview of Native and non-Native perspectives of American Indian sovereignty in historical context. Primary focus on spiritual, political, ethnic, and legislative aspects of sovereignty. *UIC GE Past course, and UIC GE US Society course, and UIC GE World Cultures course*.

NAST 244. Native American History. 3 hours.
Survey of the history of Native North Americans from ancient to recent times, emphasizing peoples and events in what became the United States. Topics include politics, economics, diplomacy, religion, gender, race, and agency. Course Information: Same as HIST 244. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course*.

NAST 264. Introduction to Native American Literatures. 3 hours.
An introduction to the oral and written literatures of indigenous peoples of North America. Course Information: Same as ENGL 264. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE US Society course*.

NAST 271. Native American Art. 3 hours.
Survey of the arts of the indigenous peoples of the United States and Canada. Course Information: Same as AH 271. Prerequisite(s): 3 hours of art history at the 100 level or consent of the instructor. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

NAST 415. American Indian Ethnohistory. 3 or 4 hours.
Introduction to ethnohistory, an interdisciplinary approach to researching, conceptualizing, and writing American Indian history. The course is organized topically and centers on classic and current monographs and articles. Course Information: Same as HIST 415. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above and consent of the instructor. Recommended background: Courses in Cultural Anthropology, American Indian Anthropology, American Indian Literature.

Natural Sciences (NATS)

Courses

NATS 105. Physical Systems in Earth and Space Science. 4 hours.
A multidisciplinary course that uses physics to understand earth, space, and environmental science phenomena and ideas related to sensing the universe, movements on the earth and in the solar system, and past and future of the earth and universe. Course Information: 4 hours. Class Schedule Information: To be properly registered, students must enroll in one Lecture -Discussion and one Laboratory and one Laboratory-Discussion. *UIC GE Natural World Lab course*.

NATS 106. Chemical and Biological Systems. 4 hours.
A multidisciplinary course that uses biological and chemical concepts to understand the organization of the physical world, processes and energy exchanges at the atomic and molecular levels, and interactions of organisms and the environment. Course Information: 4 hours. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory. *UIC GE Natural World Lab course*.

NATS 200. Tutoring in the Science Learning Center. 1 hour.
Study, analysis, and implementation of best practices in tutoring and peer-leadership. Effective facilitation of student group discussions and communication in STEM disciplines. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students meet once per week. Volunteers schedule 2-3 hours per week to tutor; peer-leaders schedule 4-6 hours per week to tutor. Prerequisite(s): Consent of the instructor.

Naval Science (NS)

Courses

NS 101. Introduction to Naval Science. 2 hours.
Introduction to sea-power and the naval service. Includes an overview of officer and enlisted rank and rating structures, training, promotion and military courtesy. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 200. Naval Ships Systems. 3 hours.
The types, structure and purpose of naval ships. Includes nuclear, gas turbine, and steam propulsion systems, auxiliary systems, interior communications and damage control. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 201. Naval Weapons Systems. 3 hours.
Introduction to the theory and principles of naval weapons systems. Covers type of weapons, capabilities and limitations and theory of operation. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

NS 202. Sea Power and Maritime Affairs. 3 hours.
Concept of seapower and its effect on history, naval strategies of past and present, the role of U.S. seapower from the Revolutionary War to the present. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 294. Topics in Naval Science. 1-3 hours.
Study of topics in naval science. Course Information: May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

NS 301. Navigation. 3 hours.
Ship navigation. Covers areas of piloting, celestial and electronic means of shipboard navigation. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 302. Naval Operations. 3 hours.
Ship operations and movement. Covers maneuvering, seamanship, communications, and command and control. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

NS 310. Evolution of Warfare. 3 hours.
Survey of all military history thereby providing a very basic understanding of the art and concepts of warfare from the beginning of recorded time to the present. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 320. Amphibious Warfare. 3 hours.
Historical survey of the evolution of amphibious warfare in the twentieth century. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 350. Naval Leadership and Management. 3 hours.
A comprehensive, advanced-level study of organizational behavior and management. Topics include a survey of principle management functions. Course Information: Prerequisite(s): Consent of the instructor. To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

NS 351. Naval Leadership and Ethics. 3 hours.
Responsibilities of the junior Naval Officer and Division Officer. Professional responsibilities that the junior officer will have after commissioning will be covered. Course Information: Prerequisite(s): Consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

NS 360. Leadership Seminar. 0 hours.
Application of the study of organizational behavior and management to naval science. Case studies. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Concurrent registration in MGMT 340 and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

NS 394. Advanced Topics in Naval Science. 1-3 hours.
Study of advanced topics in naval science. Course Information: May be repeated if topics vary. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

NS 399. Independent Study in Naval Science. 1-3 hours.
Independent study of an area within naval science under the direction of a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor and approval of the department.

Neuroscience (NEUS)

Courses

NEUS 403. Human Neuroanatomy. 3 hours.
Morphological organization of the nervous system. Functional correlations of neural structures. Course Information: Same as ANAT 403. Meets eight weeks of the semester. Prerequisite(s): Graduate standing and consent of the instructor. Must be in a degree program. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

NEUS 444. Data Literacy in Neuroscience. 3 hours.
This course provides an overview of experimental design, statistics, data mining, modeling and informatics with an emphasis on the types of experiments pursued in neuroscience.

NEUS 483. Neuroanatomy. 4 hours.
Organization of the nervous system, with an emphasis on mammals. Course Information: Same as BIOS 483 and PSCH 483. Animals used in instruction. Prerequisite(s): BIOS 286 or PSCH 262 or BIOS 325 or BIOS 272; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

Nursing Core (NURS)

Courses

NURS 204. Professional Nursing 1. 4 hours.
Examination of core concepts in professional nursing which define the role of the nurse. Utilizing principles of evidence-based practice, special emphasis will be placed on ethical, legal, and cultural considerations that impact nursing practice. Course Information: Prerequisite(s): Preadmission required courses. Requires concurrent registration in NURS 212 and NURS 221.

NURS 212. Health Assessment and Communication. 3 hours.
Introduces physical assessment and interview skills to assess health status of clients across the lifespan. Concepts of communication, health literacy, patient centeredness and interprofessionalism are investigated as they impact health and risk assessment Course Information: Meets eight weeks of the semester. Prerequisite(s): Successful completion of preadmission required courses. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

NURS 221. Foundations of Nursing Practice. 6 hours.
Introduction to professional nursing emphasizing clinical and scientific concepts; nursing process; patient safety; communication and teaching/learning; and technology in the care of patients and their families. Course Information: Prerequisite(s): Preadmission required courses. Requires concurrent registration in NURS 204 and NURS 212 and NURS 223. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory and one Clinical Practice.

NURS 223. Concepts in Pathophysiology and Pharmacology 1. 4 hours.
Provides pathophysiologic and pharmacologic concepts critical to clinical decision making focusing on common disease processes across the lifespan, and on therapeutic and toxic effects of associated major drug classes. Course Information: Prerequisite(s): Preadmission prerequisites required.

NURS 228. Readiness for Professional Nursing Practice. 2 hours.
Prepare students for success in the nursing program. Course Information: Previously listed as NURS 428.

NURS 232. Concepts in Professional Nursing. 3 hours.
Introduces contemporary concepts for professional nursing practice including the definition of nursing, nursing paradigm, values, ethics, health, and continuity of care in restorative and chronic conditions. Course Information: Meets eight weeks of the semester. Prerequisite(s): Successful completion of preadmission required courses.

NURS 233. Concepts in Pathophysiology and Pharmacology 2. 3 hours.
Provides pathophysiologic and pharmacological concepts critical to clinical decision making focusing on common disease processes across the lifespan, and on therapeutic and toxic effects of associated major drug classes. Course Information: Grade of C or better in NURS 223.

NURS 242. Concepts and Processes in Contemporary Nursing. 4 hours.
Introduces RN/BSN students to contemporary concepts for professional nursing practice in health care systems with emphasis on the definition of nursing; nursing paradigm; health promotion; continuity of care. Course Information: Prerequisite(s): Credit or concurrent registration in NURS 210; or consent of the instructor.

NURS 254. Professional Nursing 2. 3 hours.
Exploration of social and ethical issues in nursing with specific emphasis on social determinants of health, health disparities, social justice, utilizing evidence-based practice principles and critique of nursing research. Course Information: Prerequisite(s): Grade of C or better in NURS 204 and Grade of C or better in NURS 212 and Grade of C or better in NURS 221. Corequisites: Requires concurrent registration in NURS 321and NURS 351.

NURS 304. Professional Nursing 3. 4 hours.
Utilize nursing research to investigate concepts of patient safety, quality improvement, and risk management, including ethical and legal consideration. Course Information: Prerequisite(s): Grade of C or better in NURS 221 and Grade of C or better in NURS 254 and Grade of C or better in NURS 321 and Grade of C or better in NURS 351. Corequisites: Concurrent registration in NURS 331 or NURS 341; and concurrent registration in NURS 361 or NURS 371.

NURS 312. Nursing Research and Statistics Methods for EBP. 3 hours.
Basic concepts of research utilization and critique emphasizing relationship between research, scholarship, and evidence based nursing practice. Includes study of basic statistical measures, vocabulary, data analysis, and hypothesis testing. Course Information: Meets eight weeks of the semester. Recommended background: Successful completion of preadmission required courses.

NURS 316. Nursing Informatics. 3 hours.
Explores the concepts of data, information, knowledge, and wisdom as they derive from patient care technology, communication methods, interprofessionalism and computer applications. Course Information: Previously listed as NUEL 316. Meets eight weeks of the semester. Prerequisite(s): Successful completion of preadmission required courses.

NURS 321. Nursing Care of Adults Across the Life Span. 7 hours.
Application of nursing knowledge and skills in care of adults across the life span. Unique health care needs of older adults will be addressed. Course Information: Prerequisite(s): NURS 204 and NURS 212 and NURS 221 and NURS 223. Corequisites: Requires concurrent registration in NURS 233 and NURS 254 and NURS 351.

NURS 322. Introduction to Nursing Research and Statistics for Evidence-Based Practice. 4 hours.
Basic concepts of research utilization and critique emphasizing relationship between research and evidence-based nursing practice. Includes study of basic statistical measures, vocabulary, data analysis, and hypothesis testing. Course Information: Prerequisite(s): NURS 210 and NURS 242; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

NURS 331. Nursing Care of Childbearing Women and Families. 4 hours.
Application of nursing knowledge and skills in the care of childbearing women and their familes. Course Information: Prerequisite(s): Grade of C or better in NURS 212 and Grade of C or better in NURS 233 and Grade of C or better in NURS 254. Corequisites: Requires concurrent registration in NURS 304 and NURS 361 or NURS 371.

NURS 332. Caring Theory in Professional Nursing Practice. 3 hours.
Exploration of the complex nature of caring, its critical role in nursing, and its application to acute, chronic, and palliative patient needs, and individual's self-care and wellness. Course Information: Meets eight weeks of the semester. Prerequisite(s): Successful completion of preadmission required courses.

NURS 341. Nursing Care of Children and Families. 4 hours.
Application of nursing knowledge and skills in the care of infants, children, and adolescents and their families. Course Information: Prerequisite(s): Grade of C or better in NURS 212 and Grade of C or better in NURS 221 and Grade of C or better in NURS 233 and Grade of C or better in NURS 254. Corequisites: Requires concurrent registration in NURS 304 and NURS 361 or NURS 371.

NURS 342. Caring in Professional Nursing. 2 hours.
Exploration of the complex nature of caring and its critical role in nursing. Special emphasis is placed on defining caring, describing nurse caring, and investigating caring through application, discussion, research, and teaching. Course Information: Prerequisite(s): NURS 210 and NURS 242.

NURS 351. Nursing Care in Mental and Behavioral Health. 4 hours.
Application of nursing knowledge and skills in the integration of biopsychosocial concepts and principles into care of individuals and groups. Course Information: Prerequisite(s): Grade of C or better in NURS 223 and Grade of C or better in NURS 212 and Grade of C or better in NURS 221 and Grade of C or better in NURS 204. Corequisites: Requires concurrent registration in NURS 233 and NURS 321 and NURS 254.

NURS 352. Population Focused Nursing Care. 3 hours.
Explores concepts of population focused nursing, public health, community health nursing, social and cultural determinants of health, health disparities, wellness, ethics, leadership, and interprofessionalism. Course Information: Meets eight weeks of the semester. Prerequisite(s): Successful completion of preadmission required courses.

NURS 354. Professional Nursing 4. 4 hours.
Concepts of leadership, management, organizations/systems theory, healthcare finance and policy, and their impact on the role of the nurse are investigated. Intra and interprofessional collaboration and nursing informatics will be examined. Prerequisite(s): Grade of C or better in NURS 221 and Grade of C or better in NURS 304 and Grade of C or better in NURS 321 and Grade of C or better in NURS 351. Corequisites: Concurrent registration in NURS 331 or NURS 341; and concurrent registration in NURS 361 or NURS 371.

NURS 361. Nursing Care of Populations. 4 hours.
Application of nursing knowledge and skills in the care of populations. Course Information: Prerequisite(s): Grade of C or better in NURS 212 and Grade of C or better in NURS 221 and Grade of C or better in NURS 254 and Grade of C or better in NURS 321 and Grade of C or better in NURS 351. Corequisite(s): Concurrent registration in NURS 331 or NURS 341.

NURS 362. Nursing Health Promotion. 3 hours.
Introduces concepts of health promotion and disease prevention for individuals, families, groups, and populations through evidence-based research and interaction with clients and stakeholders. Course Information: Meets eight weeks of the semester. Prerequisite(s): Successful completion of preadmission required courses.

NURS 371. Acute Care Nursing & Care Mgmt. 4 hours.
Integration of nursing knowledge and coordination of clinical skills when caring for multiple patients in acute care settings, with emphasis on care management and care transitions. Prerequisite(s): Grade of C or better in NURS 233 and Grade of C or better in NURS 254 and Grade of C or better in NURS 321 and Grade of C or better in NURS 351. Corequisites: Concurrent registration in NURS 331 or NURS 341; and NURS 304.

NURS 372. Leadership and Management in Nursing. 3 hours.
Exploration and application of principles of nursing professionalism, leadership, management functions, and the nursing process to the support of clients, groups, and systems. Course Information: Meets eight weeks of the semester. Prerequisite(s): Successful completion of preadmission required courses.

NURS 377. Integrative Practice Experience. 2 hours.
Integration of theory and concepts into complex practice scenarios to develop knowledge and skills needed to provide safe and effective nursing care across diverse populations and settings. Course Information: Prerequisite(s): Grade of C or better in NURS 254 and Grade of C or better in NURS 321. Corequisites: Requires concurrent registration in NURS 304 and NURS 331 or NURS 341.

NURS 382. Nursing Role in Healthcare Quality and Safety. 3 hours.
Exploration of healthcare systems' effectiveness and individual nursing performance as they impact outcomes of patient care and quality and safety within healthcare systems. Course Information: Meets eight weeks of the semester. Prerequisite(s): Successful completion of preadmission required courses.

NURS 385. Nursing Care of Populations (RN to BSN). 5 hours.
Application of nursing knowledge and skills in the health promotion of populations. Course Information: Prerequisite(s): NURS 210 and NURS 242; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Clinical Practice and one Lecture.

NURS 387. Senior Seminar. 3 hours.
Explore transition to the professional role through discussion of career development strategies including NCLEX preparation, graduate education opportunities, professional engagement, and dedication lifelong learning. Course Information: Prerequisite(s): Grade of C or better in NURS 304 and Grade of C or better in NURS 321 and Grade of C or better in NURS 351. Corequisites: Requires concurrent registration in NURS 354 and NURS 331 and NURS 341 and NURS 361 and NURS 371.

NURS 390. Nursing Leadership and Management in Healthcare. 6 hours.
Exploration and application of principles of nursing leadership and management through an integrative practice experience applying the five functions of nurse managers to the management and support of clients, groups, and systems. Course Information: Prerequisite(s): NURS 210 and NURS 242; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Clinical Practice and one Lecture.

NURS 397. Issues in Nursing Practice. 3 hours.
Analysis of social, economic, and policy issues affecting the practice of professional nursing with emphasis on strategies for advancing the profession and professionalism. Course Information: Meets eight weeks of the semester. Prerequisite(s): Consent of the instructor and Successful completion of preadmission required courses.

NURS 403. Cultural Fluency, Communication, and Ethics. 3 hours.
Provides a foundation of communication skills, teaching and learning theory, ethics, and cultural competence in providing nursing care.

NURS 404. Integrated Health Care: Concepts and Skills. 3 hours.
Provides the basis for understanding fundamental concepts to the practice of nursing across the life span. Theoretical concepts will be integrated with skills and clinical in Integrated Practicum I. Course Information: Prerequisite(s): NURS 421. Must enroll concurrently in NURS 401.

NURS 406. Integrated Health Care: Community. 2 hours.
Theories of community assessment, disease prevention, and health behavior are applied to promotion of health for communities and vulnerable populations. Understanding of systems and collaboration with the interprofessional team are emphasized. Course Information: Prerequisite(s): NURS 408 and credit or concurrent registration in NURS 414.

NURS 408. Integrated Health Care: Adult/Older Adult. 4 hours.
Clinical evaluation/management of common/complex problems in adults and older adults, emphasizes pathophysiology and management strategies in context of culture and ethnicity. Course Information: Prerequisite(s): NURS 421 and NURS 422 and NURS 404 and NUPR 405.

NURS 409. Health Assessment and Communications. 5 hours.
Introduction to physical assessment and interview skills necessary to assess health status of clients across the lifespan. Concepts of communication, health literacy, patient-centeredness are investigated as they impact health and risk assessment. Course Information: Prerequisite(s): Successful completion of preadmission required courses. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

NURS 411. Foundations of Nursing Practice. 7 hours.
Introduction to professional nursing emphasizing clinical and scientific concepts, nursing process, clinical judgement, patient safety, communication and teaching/learning, and technology in the care of patients and their care partners. Course Information: Prerequisite(s): Successful completion of preadmission required courses. Corequisites: BSN: NURS 420. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice and one Laboratory.

NURS 412. Integrated Health Care: Women, Children and Family. 4 hours.
Care for women throughout the lifespan, including pregnancy, birth, the postpartum, and interconceptional periods and throughout the aging process. Course Information: Prerequisite(s): NURS 408 and NURS 414.

NURS 414. Integrated Health Care: Mental Health. 2 hours.
Application and integration of biopsychosocial concepts and principles to the mental health care of individuals and groups across the continuum of care, including health promotion and illness prevention, maintenance and rehabilitation. Course Information: Prerequisite(s): NURS 401 and NURS 402 and NURS 404 and NUPR 405; and graduate standing.

NURS 419. Pathophysiology and Pharmacology 1. 4 hours.
Provides pathophysiologic and pharmacologic concepts critical to developing clinical judgement focusing on common disease processes across the lifespan, and on therapeutic and toxic effects of associated major drug classes. Course Information: Prerequisite(s): Successful completion of preadmission required courses.

NURS 420. Patho-Pharm 2. 3 hours.
Provides pathophysiologic and pharmacologic concepts critical to developing clinical judgement focusing on common disease processes across the lifespan, and on therapeutic and toxic effects of associated major drug classes. Course Information: Prerequisite(s): NURS 419.

NURS 421. Pathophysiology. 3 hours.
Pathophysiologic concepts critical to clinical decision making focusing on commonly occurring disease processes across the lifespan.

NURS 422. Pharmacology. 3 hours.
Pharmacological concepts critical to clinical decision making focusing on therapeutic and toxic effects of major drug classes. Course Information: Prerequisite(s): NURS 421.

NURS 423. Adult Health Nursing 1. 7 hours.
Using clinical and simulation-based education modalities, students apply nursing theory and concepts to develop knowledge and skills needed for safe and effective nursing care across diverse adult and older adult patient populations and settings. Prerequisite(s): BSN: NURS 409 and NURS 411 and NURS 419; MSN-GE: NURS 409 and NURS 411 and NURS 420. Corequisite(s): BSN: NURS 420. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 433. Adult Health Nursing 2. 6 hours.
Using clinical and simulation-based education modalities, students apply nursing theory and concepts to develop knowledge and skills needed for safe and effective nursing care across diverse adult and older adult patient populations and settings. Prerequisite(s): NURS 423. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 438. Introduction to Evidence-Based Practice. 3 hours.
Builds a foundation of concepts, methodology, and research appraisal associated with evidence-based practice and quality indicators of nursing care. Concepts of patient care technology will be explored.#Prerequisite(s): NURS 423.

NURS 443. Nursing Care of Women and Childbearing Families. 4 hours.
Applies nursing knowledge and skills in the care of women and childbearing families. Course information: Prerequisite(s): BSN students: NURS 420 and NURS 423. MSN-GE students: NURS 423. Corequisite(s): BSN students may either take NURS 420 and NURS 423 prior to enrolling in NURS 443 or enroll concurrently these courses. Class Schedule Information: To be properly registered, students must enroll one Lecture-Discussion and one Clinical Practice.

NURS 448. Leadership in Professional Nursing Practice. 6 hours.
Application of principles of nursing leadership, management, health policy, and systems thinking to management of diverse groups of clients and systems to promote equity and inclusive care competencies. Prerequisite(s): NURS 433 and NURS 438 and NURS 443 and NURS 463. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 453. Pediatric Health Nursing. 4 hours.
Equips students with the essential skills and knowledge to provide specialized nursing care for infants, children, adolescents, and families addressing developmental, medical, and psychosocial aspects of pediatric patients. Course Information: Prerequisite(s): NURS 423. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 458. Transition to Professional Nursing Practice. 4 hours.
Prepares students for entry to professional nursing practice. Preparation for successful NCLEX-RN testing and job acquisition is included. Course Information: Prerequisite(s): BSN: NURS 433 and NURS 438 and NURS 443 and NURS 463; MSN-GE: NURS 443 and NURS 453 and NURS 463 and NURS 473. Corequisite(s): BSN: NURS 448 and NURS 453 and NURS 473 can be taken either prior to enrolling in NURS 458 or concurrently with NURS 458.

NURS 463. Psychiatric-Mental Health Nursing. 4 hours.
Application of nursing knowledge and skills in the integration of biopsychosocial concepts and principles into care of individuals and groups across the lifespan. Course information: Prerequisite(s): MSN-GE: NURS 409 and NURS 411 and NURS 420. Corequisite(s): MSN-GE: NURS 423; BSN: Both NURS 420 and NURS 423 can either be taken prior to taking NURS 463 or concurrently with NURS 463. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

NURS 473. Population Health Nursing. 0-5 hours.
Application of nursing knowledge and skills in the care of populations in various community settings. Course Information: Prerequisite(s): NURS 423. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Clinical Practice.

Nursing Elective (NUEL)

Courses

NUEL 244. History of Professional Nursing in the U.S. 3 hours.
Presents 400-year history of nursing in the U.S. through a social history framework. Traces nurses' work in health promotion/disease prevention/direct patient care recognizing the contribution of people of varying races, social classes, and genders. *UIC GE Past course*.

NUEL 250. Human Development Across the Life Span. 3 hours.
Survey of biological, psychological and social influences on human development from conception to death. Emphasis is on current research and its application to societal issues. Course Information: Designed for Prenursing students.

NUEL 394. Special Topics: Undergraduate. 1-6 hours.
Discusses selected topics of current interest. Offered according to sufficient student demand and instructor availability. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

NUEL 399. Independent Study: Undergraduate. 1-4 hours.
Individually arranged study of a topic selected by the student under the guidance of an individual instructor. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

Occupational Therapy (OT)

Courses

OT 350. Introduction to Occupational Therapy: Occupation and Participation across the Lifespan. 3 hours.
Designed to introduce students to the history, philosophy, and practice of occupational therapy and provide students with a foundational understanding of the role of occupational therapists across settings and populations. Course Information: Prerequisite(s): Sophomore standing or above.

OT 360. Promoting Wellbeing. 2 hours.
Provides opportunities for students to gain knowledge and skills from an occupational therapy perspective to promote self-management and wellbeing for themselves and others, applying the concepts to academic, social, work and professional roles. Course Information: Prerequisite(s): Undergraduate standing at the University of Illinois at Chicago.

OT 494. Special Topics in Occupational Therapy. 1-4 hours.
Selected occupational therapy-related seminar topics of interest or pilot version of new occupational therapy course. Designed for undergraduate and non-occupational therapy major graduate students. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Junior standing or above or graduate standing. Recommended background: Undergraduate students: Completion or concurrent registration in OT 350.

OT 496. Independent Study. 1-4 hours.
For undergraduate students who wish to pursue an independent study experience for credit. Course Information: May be repeated for credit. Prerequisite(s): Sophomore standing or above; and consent of the instructor.

Pathology (PATH)

Courses

PATH 399. Undergraduate Research in Pathology. 1-4 hours.
Laboratory research for advanced undergraduate students. Course Information: Animals used in instruction. Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Junior standing or above and consent of the instructor.

PATH 421. General Pathology - Dental. 3 hours.
Basic principles of pathological processes. Course Information: Prerequisite(s): ANAT 440 and PATH 407 and PHYB 401; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

PATH 422. Systemic Pathology - Dentistry. 3 hours.
Disease process affecting specific organs. Course Information: Prerequisite(s): PATH 421. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

Pharmaceutical Sciences (PSCI)

Courses

PSCI 300. Undergraduate Research Experience in Pharmaceutical Sciences. 1-3 hours.
Course supports the academic environment for undergraduate students at UIC. The research experience will be under the guidance of a faculty member who will act as a research supervisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Previously listed as BPS 300. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Consent of the instructor supervising the research experience. Open only to sophomores, juniors, and seniors.

PSCI 380. Undergraduate Research in Pharmaceutical Sciences. 1-3 hours.
Investigation, under the direction of one or more faculty members, of a problem of limited scope. Course Information: Previously listed as BPS 380. May be repeated to a maximum of 6 hours per department. A total of not more than 8 hours of PSCI 380 and PSCI 390 may be applied toward the 12 hours of professional electives. Students may register for more than one section per term. Prerequisite(s): Minimum cumulative grade point average of 3.50 and consent of the instructor, department head, and Associate Dean of Student Affairs.

PSCI 390. Special Projects in Pharmaceutical Sciences. 1 or 2 hour.
Provide professional students in the Pharm.D. program with an opportunity to carry out a special project with defined objectives under the guidance of a faculty mentor. Course Information: Previously listed as BPS 390. May be repeated to a maximum of 4 hours. A total of not more than 8 hours of PSCI 380 and PSCI 390 may be applied toward the 12 hours of professional electives. Students may register for more than one section per term.Prerequisite(s): Consent of the instructor and consent of the department head, and Associate Dean for Student Affairs.

PSCI 421. Advanced Dosage Form Design. 1 hour.
Students attend fourteen labs where they make sixteen new dosage formulations. Several labs will focus on using new devices and machines that may be seen in compounding practice. Includes veterinary formulations that may be seen in cats and dogs. Course Information: Previously listed ad BPS 421. Prerequisite(s): PHAR 431 and PHAR 432.

PSCI 425. College of Pharmacy Colloquium Lecture Series. 1 hour.
Weekly, one-hour, basic-research seminars given by invited lecturers. Course Information: Previously listed as BPS 425. May be repeated for a maximum of 2 hours. Students will not be able to concurrently enroll in PSCI 425 and PMPR 355 during the Spring semester.

PSCI 447. Career Paths in the Pharmaceutical Industry. 1 hour.

PSCI 485. Concentration Research. 2 hours.
Special independent study project of limited scope under the direction of one or more faculty members with specialization in that area. The project may require literature research related to the research project. Course Information: May be repeated to a maximum of 4 hours. Extensive computer use required. Prerequisite(s): Consent of the instructor and admission to the Doctorate in Pharmaceutical Sciences.

PSCI 499. Special Projects in Pharmaceutical Sciences. 1-3 hours.
Special projects in Pharmaceutical Sciences. Course Information: Previously listed as PMPG 499.

Pharmacology (PCOL)

Courses

PCOL 331. Pharmacology for Dentistry. 4 hours.
Principles of pharmacology with emphasis on drugs for preoperative medication and pain management. Pharmacodynamics, nomenclature, and therapeutics. Course Information: Prerequisite(s): Human physiology and introductory biochemistry.

PCOL 399. Undergraduate Laboratory Research. 1-4 hours.
Laboratory research for advanced undergraduates. Course Information: Animals used in instruction. Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Junior standing or above and consent of the instructor.

PCOL 430. Principles of Toxicology. 2 hours.
Examines the toxic effects of drugs and chemicals on organ systems. Lectures emphasize basic principles, effects on specific organ systems, major classes of toxic chemicals, and specialized topics such as forensic and industrial toxicology. Course Information: Same as BPS 430. Credit is not given for PCOL 430 if the student has credit for EOHS 457.

Pharmacy (PHAR)

Courses

PHAR 200. Introduction to Pharmaceutical Sciences. 3 hours.
Introduces students to pharmaceutical sciences focusing on the process of drug discovery and development and different aspects of basic and applied sciences. Course Information:.

PHAR 201. Pharmaceutical Care in the US. 3 hours.
Examines the role of pharmacies/pharmacists in U.S. healthcare, the relationship between pharmacy and society, including challenges to pharmacy equity in rural and urban communities and the opioid crisis, and efforts to reduce healthcare inequities. Course Information: Extensive computer use required. Hybrid course that integrates online and face-to-face classroom activities. *UIC GE US Society course*.

PHAR 385. Remediation. 2-5 hours.
A remediation option for students who previously failed courses that are no longer taught in the PharmD curriculum. Course content will mirror content from the core course that the student failed. Course Information: May be repeated to a maximum of 15 hours.

PHAR 410. Integrated Physiology. 3 hours.
Reviews and integrates principles introduced in pre-requisite physiology, anatomy and biochemistry courses to human non-pathological and pathological situations. Active learning will promote problem-solving skills. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion.

PHAR 411. Introduction Pharmacy Practice. 4 hours.
Introduction to the practice of pharmacy through a combination of lectures, on-campus introductory pharmacy practice experience (IPPE) simulations, and a one week off-site IPPE. Will cover communication skills and interprofessional interactions. Course Information: Prerequisite(s): Current Illinois Pharmacy Technician License and completed college background check and drug screen and immunization records on file with the college. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory-Discussion and one Clinical Practice.

PHAR 412. Introductory Pharmacy Practice (IPPE): Community. 2 hours.
Students will be provided an overview of pharmacy practice in a community setting. Students will complete workshops and an introductory pharmacy practice experience (IPPE), observing and developing the skills necessary for the community setting. Course Information: Prerequisite(s): PHAR 411 and PHAR 431 and current Illinois Pharmacy Technician License and must comply with annual college background check and urine drug screen and must have immunization records complete and on file with college and additional site-specific requirements.

PHAR 413. Introductory Pharmacy Practice Experience (IPPE): Hospital. 2 hours.
Students will be introduced to foundational hospital pharmacy practice through both simulated and real-world learning environments. Students will observe and begin to develop the skills necessary for the hospital setting. Course Information: Prerequisite(s): PHAR 411 and PHAR 431 and current Illinois Pharmacy Technician License and must comply with annual college background check and urine drug screen and must have immunization records complete and on file with college and additional site-specific requirements.

PHAR 414. Introductory Pharmacy Practice (IPPE): Introduction to Patient Care. 2 hours.
Students will be introduced to the core skills necessary for providing direct patient care. Emphasis is placed on developing communication skills for conveying pharmacotherapeutic recommendations both verbally and in writing. Course Information: Prerequisite(s): PHAR 412 and PHAR 413 and PHAR 501 and PHAR 502 and PHAR 503 and PHAR 504 and current Illinois pharmacy technician license and compliance with annual college background check and urine drug screen and immunization records complete and on file with college. Corequisite(s): Requires concurrent registration in PHAR 505 and PHAR 506. Class Schedule Information: To be properly registered, students must enroll in one Lecture, and one Laboratory-Discussion, and one Clinical Practice.

PHAR 422. Fundamentals of Drug Action. 4 hours.
Comprehensive course in chemical mechanisms of drug action. The major objective is for students to develop an understanding of the connection between the properties of chemical compounds and therapeutic action of drugs. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

PHAR 423. Fundamentals of Drug Action II. 4 hours.
Covers more advanced topics of medicinal chemistry such as drug metabolism, energy metabolism, enzyme inhibitor drugs, signaling pathways as drug targets, discovery of natural product drugs and new frontiers in drug discovery. Course Information: Prerequisite(s): PHAR 422. Recommended background: Doctor of Pharmacy prerequisites including two years of undergraduateound chemistry with laboratory and at least 3-credit hour biochemistry.

PHAR 431. Pharmaceutics I - Pharmaceutics Principles, Drug Delivery Systems, and Calculations. 3 hours.
Content will initially focus on basic pharmaceutics principles applicable to all drug delivery systems. Solution products including sterile product solutions will also be addressed. Students will also learn and practice basic pharmacy calculations. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion.

PHAR 432. Pharmaceutics II – Pharmaceutical Dosage Forms and Calculations. 2 hours.
Content will focus on basic pharmaceutics principles applicable to suspensions, emulsions, topicals, solids, and other dosage forms will be addressed. Pharmacy calculations relevant to dosage form preparation will also be taught. Prerequisite(s): PHAR 431.

PHAR 433. Pharmaceutics III – Complex Dosage Forms and Calculations. 2 hours.
Content will focus on basic pharmaceutics principles applicable to complex dosage forms (e.g., sterile products, extended release products, vaccines, etc.). Pharmacy calculations relevant to dosage form preparation will also be taught. Course Information: Prerequisite(s): PHAR 432.

PHAR 434. Pharmaceutics IV – Drug Delivery Systems Design and Calculations Competency. 2 hours.
Content will focus on dosage form design of sterile and non-sterile dosage forms; compounding; quality control; pharmacist's role in preparation, compounding, and dispensing of dosage forms; and pharmacy calculations, including a competency exam. Course Information: Prerequisite(s): PHAR 433.

PHAR 435. Pharmacokinetics. 3 hours.
Students will be introduced to basic principles of pharmacokinetics (e.g., absorption, distribution, biotransformation, excretion), factors influencing these parameters, and the use of common mathematical equations to calculate these parameters. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion.

PHAR 438. Introduction to Drug Information. 1 hour.
Content will focus on omparing and contrasting primary, secondary, and tertiary resources, including their relative value and trustworthiness. Students will gain skills necessary to conduct systematic searches and extract information from appropriate sources.

PHAR 439. Pharmacoepidemiology and Biostatistical Reasoning. 1 hour.
The principles of biostatistics and epidemiology relevant to pharmacy practice and pharmacoepidemiology (e.g., probability, descriptive and inferential statistics, measures of association and causality, and measures of excess risk) will be reviewed.

PHAR 440. Evidence-Based Medicine. 2 hours.
Focuses on the evaluation of clinical research in the literature and its application to patient care decisions. Application and interpretation of statistical methods will be reviewed in the context of study designs. Course Information: Prerequisite(s): PHAR 438.Corequisites: Requires concurrent registration in PHAR 439. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion.

PHAR 461. Pharmacy and the U.S. Healthcare System. 2 hours.
Introduction to the philosophy and mission of the pharmacy profession, the evolution of practice, and elements of the U.S. Healthcare System.

PHAR 462. Social and Behavioral Pharmacy. 2 hours.
A survey of topics in the social and behavioral sciences as applied to pharmacy. The course emphasizes the broader social and health systems-related issues that surround and affect patient care provided by pharmacists.

PHAR 463. Personal and Professional Development. 2 hours.
Imparts knowledge, skills, abilities, behaviors and attitudes necessary for personal and professional competence and development, reinforcing the concepts of self-awareness, leadership, innovation, entrepreneurship, and professionalism. Course Information: Prerequisite(s): PHAR 461.

PHAR 464. Patient Safety. 1 hour.
Reviews topics related to patient safety. Prevalence and risk factors for error in healthcare settings, systematic approaches to risk assessment and error investigation, and methods to improve health system safety will be covered.

PHAR 465. Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 1. 0 hours.
Supports and advances the longitudinal professional and character development of students utilizing network-based mentoring and co-curricular activities that complement the didactic and experiential coursework of the professional PharmD curriculum. Course Information: Satisfactory/Unsatisfactory grading only.

PHAR 466. Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 2. 0 hours.
Supports and advances the longitudinal professional and character development of students utilizing network-based mentoring and co-curricular activities that complement the didactic and experiential coursework of the professional PharmD curriculum. Course Information: Satisfactory/Unsatisfactory grading only.

PHAR 467. Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 3. 0 hours.
Supports and advances the longitudinal professional and character development of students utilizing network-based mentoring and co-curricular activities that complement the didactic and experiential coursework of the professional PharmD curriculum. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): PHAR 465 and PHAR 466.

PHAR 468. Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 4. 0 hours.
Supports and advances the longitudinal professional and character development of students utilizing network-based mentoring and co-curricular activities that complement the didactic and experiential coursework of the professional PharmD curriculum. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): PHAR 465 and PHAR 466.

PHAR 469. Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 5. 0 hours.
Supports and advances the longitudinal professional and character development of students utilizing network-based mentoring and co-curricular activities that complement the didactic and experiential coursework of the professional PharmD curriculum. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): PHAR 467 and PHAR 468.

PHAR 470. Pharmacy Learning, Advising, Mentoring, and Engagement fo Students (PhLAMES) 6. 0 hours.
Supports and advances the longitudinal professional and character development of students utilizing network-based mentoring and co-curricular activities that complement the didactic and experiential coursework of the professional PharmD curriculum. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): PHAR 467 and PHAR 468.

PHAR 471. Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 7. 0 hours.
Supports and advances the longitudinal professional and character development of students utilizing network-based mentoring and co-curricular activities that complement the didactic and experiential coursework of the professional PharmD curriculum. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): PHAR 469 and PHAR 470.

PHAR 472. Pharmacy Learning, Advising, Mentoring, and Engagement for Students (PhLAMES) 8. 0 hours.
Supports and advances the longitudinal professional and character development of students utilizing network-based mentoring and co-curricular activities that complement the didactic and experiential coursework of the professional PharmD curriculum. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): PHAR 469 and PHAR 470.

Pharmacy Practice (PMPR)

Courses

PMPR 300. Undergraduate Research Experience in Pharmacy Practice. 1-3 hours.
Course is being developed to support the academic environment for undergraduate students at UIC. The research experience will be under the guidance of a faculty member who will act as a research supervisor. Course Information: Satisfactory/Unstatisfatory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Consent of the instructor supervising the research experience. Open only to sophomores, juniors, and seniors.

PMPR 313. The Pharmacist's Role in Rural and Global Health. 1 hour.
Provides exposure to pharmacist roles in rural and low-resource global communities and reviews the challenges of providing care, including population health, social determinants of health, and service delivery methods.

PMPR 315. Foundations in Rural Family and Community Healthcare I. 1 hour.
Designed to introduce health care professions students to concepts and issues related to rural public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the Rural Health Professions (RPHARM) Program.

PMPR 316. Foundations in Rural Family and Community Healthcare II. 1 hour.
Introduces students to concepts of health resources development, rural mental health as well as community based research in rural communities. Course Information: Prerequisite(s): Acceptance into the Rural Health Professions (RPHARM) Program and successful completion of PMPR 315.

PMPR 317. Foundations in Rural Family and Community Healthcare III. 1 hour.
Allows students to apply what was learned in the first year by participating in hands on community health education. In addition, clinical aspects of rural healthcare are introduced. Course Information: Prerequisite(s): Acceptance into the Rural Health Professions (RPharm) Program AND successful completion of RHP Year 1.

PMPR 318. Foundations in Rural Family and Community Healthcare IV. 1 hour.
Students apply what was learned in the first year by participating in hands on community health education. Course Information: Prerequisite(s): Acceptance into the Rural Health Professions (RPHARM) Program; and successful completion of PMPR 315, PMPR 316 and PMPR 317.

PMPR 319. Foundations in Rural Family and Community Healthcare V. 1 hour.
The fifth course in a series of six courses of supplementary education for PharmD students accepted into the Rural Health Professions (RHP) Program. Course Information: Prerequisite(s):Acceptance into the Rural Health Professions (RPHARM) Program AND successful completion of RHP Years 1 and 2.

PMPR 320. Foundations in Rural Family and Community Healthcare VI. 1 hour.
The sixth course in a series of six courses of supplementary education for PharmD students accepted into the Rural Health Professions (RHP) Program. Course Information: Prerequisite(s):Acceptance into the Rural Health Professions (RPHARM) Program AND successful completion of RHP Years 1 and 2.

PMPR 321. Capstone Project in Rural Healthcare. 2 hours.
The capstone project is a community-based research project which requires study of their chosen community's social, economic, cultural, organizational and political structure. Course Information: Prerequisite(s): Acceptance into the Rural Health Professions/RPHARM Program and successful completion of Years 1-3 of the RPHARM series of courses.

PMPR 326. Topics for Professional Student Enrichment. 1 hour.
Students will meet at the beginning of the semester with the course instructor to review and select topics from a schedule of topics. Topics chosen will reflect 15 hours of class time as well as writen journals. Course Information: Prerequisite(s): PHAR 341.

PMPR 327. Lifestyle Modifications in Disease Management. 1 hour.
Provides students with the background and practical knowledge for teaching their patients the best ways to become aware of and implement specific lifestyle modifications for their disease states. Course Information: Asynchronously delivered on Blackboard using Panopto videos. Prerequisite(s): PHAR 501 and PHAR 502 and PHAR 503 and PHAR 504. Co-requisites: Concurrently enrolled in P2 Spring or higher courses.

PMPR 328. Evidence Based Phytotherapy. 2 hours.
Provides a basis for the evidenced-based evaluation of phytotherapy and other Complementary and Alternative Medicine (CAM) modalities.

PMPR 329. The Dean's Seminar: Career Insights from Pharmacy Leaders. 1 hour.
Features distinguished guest speakers, with different backgrounds who share their real#world career experiences and advice. Guest speakers include established leaders and rising stars from many different pharmacy disciplines. Course Information: Satisfactory/Unsatisfactory grading only.

PMPR 330. Journal Club and Advanced Literature Analysis. 1 hour.
A course designed to familiarize students with more advanced study design and statistical concepts commonly used in the medical literature. Course Information: Prerequisite(s): P3 standing and completion of PHAR 440.

PMPR 334. Mindfulness Practice. 1 hour.
Mindfulness is the practice of focusing in the present moment, without judgment or bias. In this course, students will learn about the science and theory of mindfulness and practice techniques during class time.

PMPR 335. Academic Advanced Pharmacy Practice Experience. 4 hours.
An APPE occurring across the curriculum that exposes fourth-professional year students to academic pharmacy. Course Information: May be repeated to a maximum of 8 hours. Prerequisite(s): P4 level student standing.

PMPR 336. Concepts in Drug Development: From Bench to Bedside. 2 hours.
Designed to give clinician-scientists an overview of the drug development process, from bench to bedside. Course Information: Offered online only. Prerequisite(s): Students will be required to search and evaluate scientific literature independently. PharmD candidates must be current second- or third-year students. First-year pharmacy students or graduate students of any year require instructor approval.

PMPR 337. Spanish for Pharmacists. 2 hours.
This online elective course is designed to provide students with the fundamental knowledge they will need to interact with a Spanish speaking patient.

PMPR 338. Management of the HIV Patient. 2 hours.
Incorporates team and case-based learning. Provides an opportunity to advance HIV understanding and clinical application. Course Information: Prerequisite(s): PHAR 403.

PMPR 339. Exploration of Telemedicine in Pharmacy Practice. 2 hours.
Provides an overview of telemedicine and its role in the healthcare system. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion, one Laboratory, and one Clinical Practice.

PMPR 345. Clinical Toxicology. 3 hours.
Basic and applied concepts in clinical toxicology including general approach, poisoning prevention measures, retrieval and evaluation of toxicology literature, substance abuse issues and practice site specific toxicology concerns. Course Information: Prerequisite(s): Enrollment in the Doctor of Pharmacy program.

PMPR 347. Advanced Transplant Therapeutics. 2 hours.
Builds upon the fundamentals of solid organ transplantation established in PHAR 504. Course Information: Prerequisite(s): PHAR 504.

PMPR 348. Advanced Topics in Ambulatory Care. 2 hours.
Provides pharmacy students with advanced knowledge of the most common chronic conditions encountered in ambulatory care, a review of practice management and care delivery models, and postgraduate training and certification recommended. Course Information: Prerequisite(s): PHAR 505 and PHAR 506.

PMPR 349. Case Based Infectious Diseases. 2 hours.
Provides an opportunity to advance infectious disease understanding and clinical application. Students will be responsible for providing therapeutic recommendations based on evidence based medicine. Course Information: Prerequisite(s): PHAR 506, current P3 standing.

PMPR 355. Seminar in Pharmacy Research. 1 hour.
A weekly 1 hour research seminar provided by the College of Pharmacy faculty who are currently conducting clinical and/or basic science research. Course Information: Prerequisite(s): Enrollment in the Doctor of Pharmacy Program.

PMPR 356. The Role of the Pharmacist in Tobacco Cessation. 2 hours.
The intent of this elective course is to provide students a very in-depth knowledge base in tobacco cessation (including Electronic Nicotine Delivery Systems), skills for counseling, and detailed “how to” information on specific counseling techniques.

PMPR 357. Natural and Recombinant Plasma-Derived Therapeutics. 1 hour.
Introduction to plasma-derived therapeutics including albumin, immune globulins, and factor products. Production, viral safety, and clinical applications will be covered. Course Information: Prerequisite(s): P3 class standing.

PMPR 358. Pharmacotherapeutic Issues in Women's Health. 1 hour.
Team taught case-based pharmacotherapeutic lecture course related to women's health. Course Information: Prerequisite(s): PHAR 508.

PMPR 359. Topics and Issues in Clinical Post-Graduate Training Programs. 2 hours.
Increases PharmD students' knowledge and professionalization about post-graduate training. Students will "shadow" residents or fellows during non-class times, overnight and weekends while the resident or fellow is on call. Prerequisite(s): PHAR 501 and PHAR 502 and second or third year Doctor of Pharmacy student on the Chicago campus in good academic standing. Class Schedule Information: To be properly registered, students must enroll in one Clinical Practice and one Lecture.

PMPR 360. Clinical Aspects of Drug Interactions, Metabolism and Pharmacogenetics. 2 hours.
Clinical perspective in interpreting drug interaction/metabolism and pharmacogenetic data from the literature; application of the information in practice. Hands-on opportunities to manage drug interactions using real-life cases. Course Information: Prerequisite(s): Third year standing in the Doctor of Pharmacy program or above; or consent of the instructor.

PMPR 361. Introduction to Public Health: Concepts and Applications in Pharmacy. 2 hours.
Introduces pharmacy students to major concepts in public health. Emphasizes an interdisciplinary team that focuses on the well being of the population.

PMPR 362. Clinical Aspects of Diabetes Mellitus. 2 hours.
Discussion and project-based coursework covering more detailed information about diabetes mellitus for students interested in learning more about diabetes beyond the required Principles of Drug Action and Therapeutics course. Course Information: Prerequisite(s): PHAR 502.

PMPR 363. Primary Care Clinical Nutrition. 2 hours.
Students will evaluate the clinical importance of nutritional intervention, and its practical applications for chronic disease prevention and management such as cancer, hypertension, hyperlipidemia, diabetes, and obesity.

PMPR 368. Media's Influence on Critical Care and Emergency Medicine. 2 hours.
Designed to engage pharmacy students in exploring media’s view, presentation, perception, and subsequent influence on the public’s understanding of critical care and emergency medicine. Course Information: Prerequisite(s): PHAR 501 and PHAR 502 and PHAR 503 and PHAR 504 and PHAR 505 and PHAR 506 and completion of all core courses within the program's first year.

PMPR 370. Pharmacy Grand Rounds. 1 hour.
A weekly series of contemporary topics on pharmacy practice will be presented. Course Information: Satisfactory/Unsatisfactory grading only. May not be repeated for credit. Mandatory attendance. Prerequisite(s): Enrollment in the Doctor of Pharmacy program. Restricted to first year pharmacy students.

PMPR 371. Professional Development Seminar I. 1 hour.
A weekly seminar series designed to draw select second year professional students together to discuss educational issues related to the second professional year. Course Information: Credit is not given for PMPR 371 if the student has credit in BPS 381 or PMAD 381 or PMMP 381. Prerequisite(s): Completion of the first year of the Doctor of Pharmacy program; Student must be listed as an advisee of the instructor.

PMPR 376. Applied Research Methods and Skill Development. 2 hours.
Prepares students to be involved in basic, clinical, or quality improvement research. Students will develop a research protocol, create an abstract, and prepare a final research presentation.

PMPR 377. Professional Development for Pharmacists. 1 hour.
Designed to develop the skills necessary for the professional development of future pharmacists: resume writing, interview preparation, written correspondence, and verbal presentation skills. Course Information: Prerequisite(s): Enrollment in the Doctor of Pharmacy program.

PMPR 378. Pediatric Therapeutics. 2 hours.
Drug therapy of common pediatric disease states, emphasizing special pediatric considerations in the areas of infectious disease, psychiatry, hematology, neonatology. Course Information: Prerequisite(s): Completion of the second year of the Doctor of Pharmacy Program.

PMPR 379. Advanced Psychiatric Pharmacotherapeutics. 2 hours.
A synchronous, in-person course that focuses on psychiatric conditions through review of guidelines, literature, therapeutics, patient cases, and psychotropic counseling. The course will progress from faculty led to student led. Course Information: Prerequisite(s): PHAR 507.

PMPR 380. Undergraduate Research in Pharmacy Practice. 1-3 hours.
Investigation, under the direction of one or more faculty members, of a problem of limited scope. May require literature research related to the research project. Course Information: May be repeated. A maximum of 6 hours of credit is allowed per department. A total of not more than 8 hours of 380 and 390 numbered courses in the college may be applied toward the 12 hours of PharmD professional electives. Prerequisite(s): Minimum cumulative grade point average of 2.50 and consent of the instructor, department head, and Associate Dean for Student Affairs.

PMPR 381. Chronic Kidney Disease (CKD) - Interventions and Treatment. 2 hours.
Identification and treatment of patients with chronic kidney disease utilizing a multifactorial approach to attain goals set by Kidney Disease Outcome Quality Initiatives (KDOQI), Improving Global Outcomes (KDIGO), ADA, ACC-AHA, and lipid guidelines. Course Information: Prerequisite(s): PHAR 503.

PMPR 382. Ethical Considerations in the Practice of Pharmacy. 2 hours.
Students will review ethical principles, identify ethical dilemmas, analyze case studies, and engage in role-playing. Individual and group written/oral presentations will be required. Course Information: Prerequisite(s): PHAR 404.

PMPR 383. Managed Care Pharmacy. 2 hours.
Covers fundamental concepts in managed care pharmacy and provide a basic understanding of how managed care pharmacy impacts the US health care system. Goal is to provide students with foundational knowledge that they can apply in career.

PMPR 385. Special Topics of Current Interest in Pharmacy Practice. 1-4 hours.
Course offered by faculty or a visiting lecturer on a selected topic of current interest. Available on an experimental basis for two offerings only. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Good academic standing and consent of the instructor.

PMPR 390. Special Projects in Pharmacy Practice. 1-2 hours.
Special projects within the departmental discipline. Defined and terminal project goals are achieved through independent study. Course Information: May be repeated. A maximum of 4 hours of 390 credit is allowed in all departments. A total of not more than 8 hours of 380 and 390 numbered courses in the college may be applied toward the 12 hours of PharmD professional electives. Prerequisite(s): Consent of the instructor, department head, and Associate Dean for Student Affairs.

PMPR 430. Critical Care I. 2 hours.
Advanced pharmacotherapeutics course that will concentrate on the medical management and the pharmacotherapist's role in the management of the critically ill patient. This course will also incorporate and apply pharmacokinetic principles. Course Information: Prerequisite(s): HAR 401 and PHAR 402 and PHAR 403 and PHAR 404 and PHAR 405 and PHAR 406; and PHAR 407 and PHAR 408; and completion of the second year of the program Beginning Spring 2019: Concurrent enrollment in PHAR 510.

PMPR 436. Strategic Business Planning. 1 or 2 hour.
Strategic business planning is crucial for establishing successful clinical practices or programs. Offers a comprehensive exploration of the essential components of developing a robust business plan tailored to clinical pharmacy. Course Information: Prerequisite(s): Preferred second or third professional year Doctor of Pharmacy students.

PMPR 440. Applied Pharmacokinetics. 2 hours.
An elective course demonstrating practical application of pharmacokinetic principles. Course Information: Previously listed as PMPR 340. Scientific calculator required. Prerequisite(s): PHAR 401, PHAR 402, PHAR 403, PHAR 404, PHAR 405, and PHAR 406 or consent of the instructor.

PMPR 442. Introduction to Specialty Pharmacy. 2 hours.
Specialty pharmacy practice model and how it impacts access and management of drugs used to treat complex ans chronic disease. Course Information: Prerequisite(s): P2 or P3 standing. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PMPR 443. Advanced Specialty Pharmacy: Administration and Operations Management. 2 hours.
Advanced topics in specialty pharmacy operations management and will build off of the information learned from PMPR 442. Course Information: PMPR 442 and PHAR 565.

PMPR 445. Interprofessional Approaches to Health Disparities (IAHD) I. 2 hours.
Designed to build upon the concepts of health disparities, social determinants of health, public health, Interprofessional education, quality improvement and community-based participatory research across the PharmD curriculum. Course Information: Prerequisite(s): Successful completion of PharmD Curriculum through P2 year. Completion of competitive application packet for the course.

PMPR 446. Interprofessional Approaches to Health Disparities (IAHD) II. 2 hours.
Equips learners with essential skills to improve health care for underserved populations and transform health disparities through interprofessional education, research and collaborative practice. Prerequisite(s): PMPR 445.

PMPR 450. Medical writing. 1 hour.
Students will access weekly online modules that will cover the fundamentals of writing, editing, and publishing scientific medical information. Prerequisite(s): PHAR 440.

PMPR 485. Concentration Research. 2 hours.
Investigation, under the direction of one or more faculty members, of a problem of limited scope. May require literature research related to the research project. Course Information: May be repeated to a maximum of 4 hours.

PMPR 486. Concentration Seminar. 1 hour.
Offered in conjunction with the PMPR 485 as a means for students to present and receive feedback on their concentration research projects. Course Information: Prerequisite(s): PMPR 485.

PMPR 487. Clinical Research Design. 2 hours.
Students will practice essential research skills by completing several group projects, including analyzing published research, developing a clinical research idea into a research proposal, writing a letter of intent, and presenting their work.

PMPR 488. Pharmacy Practice Leadership. 2 hours.
Provides basic concepts in pharmacy practice leadership and serve as a foundation for students interested in a career path in pharmacy management/leadership.

Pharmacy Systems, Outcomes, and Policy (PSOP)

Courses

PSOP 300. Undergraduate Research Experience in Pharmacy Systems, Outcomes and Policy. 1-3 hours.
Supports the academic environment for undergraduate students at UIC. The research experience will be under the guidance of a faculty member who will act as a research supervisor. Course Information: Satisfactory/Unstatisfatory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Consent of the instructor supervising the research experience. Open only to sophomores, juniors, and seniors.

PSOP 380. Undergraduate Research in Pharmacy Systems, Outcomes and Policy. 1-3 hours.
Investigation, under the direction of one or more faculty members, of a problem of limited scope. May require literature research related to the research project. Course Information: May be repeated. A maximum of 6 hours of credit is allowed per department. A total of not more than 8 hours of 380 and 390 numbered courses in the college may be applied toward the 12 hours of PharmD professional electives. Prerequisite(s): Minimum cumulative grade point average of 3.50 and consent of the instructor, department head, and Associate Dean for Student Affairs.

PSOP 381. Professional Development Seminar I. 1 hour.
Weekly seminar series for second professional year pharmacy students. Discusses educational issues related to the second professional year. Students create/update Curriculum Vitae; explore various pharmacy career opportunities. Course Information: Credit is not given for PSOP 381 if the student has credit for BPS 381 or PMMP 381 or PMPR 371. Prerequisite(s): Student must be listed as an advisee of the instructor.

PSOP 382. Professional Development Seminar II. 1 hour.
Weekly seminar series for second year pharmacy students. Discusses educational issues related to the second professional year. Students create/update Curriculum Vitae; explore various pharmacy career opportunities. Course Information: Credit is not givern for PSOP 382 if the student has credit for BPS 382 or PMMP 382. Prerequisite(s): Student must be listed as an advisee of the instructor.

PSOP 383. Professional Development Seminar III. 1 hour.
Weekly seminar series for third professional year pharmacy students. Discusses relevant educational and professional issues. Update CV/Resume and Portfolio. Explore pharmacy career opportunities with invited guests. Course Information: Credit is not given for PSOP 383 if the student has credit for BPS 383 or PMMP 383. Prerequisite(s): Student must be listed as an advisee of the instructor.

PSOP 384. Professional Development Seminar IV. 1 hour.
Weekly seminar series for third year pharmacy students. Discusses with advisees relevant educational and professional issues. Update CV/Resume and Portfolio. Explore pharmacy career opportunities with invited guests. Course Information: Credit is not given for PSOP 384 if the student has credit for BPS 384 or PMMP 384.Prerequisite(s): Student must be listed as an advisee of the instructor.

PSOP 385. Special Topics in Pharmacy Systems, Outcomes and Policy. 1-3 hours.
A selected topic of current interest in pharmacy systems, outcomes and policy; or an experimental course, offered by faculty or a visiting lecturer. Course Information: Previously listed as PMAD 385. Prerequisite(s): Good standing and consent of the instructor.

PSOP 387. Critical Dialogue (CD) for Professional Student Development. 2 hours.
This highly interactive course engages pharmacy students in a broad conceptualization of pharmaceutical practice in a multicultural society.

PSOP 389. Online Contemporary Issues in Pharmacy Student Development. 2 hours.
Introduces students to various contemporary pharmacy issues through the lens of a multi-disciplinary health education policy analysis.

PSOP 390. Special Projects in Pharmacy Systems, Outcomes and Policy. 1 or 2 hour.
Special projects within the departmental discipline. Defined and terminal project goals are achieved through independent study. Course Information: 1 to 2 hours. May be repeated. A maximum of 4 hours of 390 credit is allowed in all departments. A total of not more than 8 hours of 380 and 390 numbered courses in the college may be applied toward the 12 hours of PharmD professional electives. Prerequisite(s): Consent of the instructor, department head, and Associate Dean for Student Affairs.

PSOP 391. Foundations in Urban Family and Community Healthcare 1. 1 hour.
This course is a first in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the Urban Pharmacy program and consent of the instructor .

PSOP 392. Foundations in Urban Family and Community Healthcare 2. 1 hour.
The second course in a series that is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the Urban Pharmacy program and successful completion of PSOP 391.

PSOP 393. Foundations in Urban Family and Community Healthcare 3. 1 hour.
This course is a third in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the UPHARM program and successful completion of UPHARM Year 1.

PSOP 394. Foundations in Urban Family and Community Healthcare 4. 1 hour.
This course is fourth in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s):Acceptance into the UPHARM program and successful completion of UPHARM Year 1.

PSOP 395. Foundations in Urban Family and Community Healthcare 5. 1 hour.
This course is fifth in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the UPHARM program and successful completion of UPHARM Year 2. In the UPHARM program and expressed interest in urban pharmacy education practice in underserved Chicagoland communities and interest in health disparities research.

PSOP 396. Foundations in Urban Family and Community Healthcare 6. 1 hour.
This course is sixth in a series and is designed to introduce students to concepts and issues as it relates to urban public health and primary care practice. Course Information: Prerequisite(s): Acceptance into the UPHARM program and successful completion of UPHARM Year 2. Expressed interest in urban pharmacy education practice in underserved Chicagoland communities and interest in health disparities research.

PSOP 397. Capstone Project in Urban Healthcare. 2 hours.
This is the seventh and final course in a series, and is the capstone project. Course Information: Prerequisite(s): Successful completion of UPHARM program years 1-3.

PSOP 400. Ethics and Privacy Issues in Comparative Effectiveness Research. 1 hour.
Covers ethical and privacy issues in comparative effectiveness research. Course Information: Satisfactory/Unsatisfactory grading only. Extensive computer use required. Taught online.

PSOP 421. Pharmaceutical Marketing. 3 hours.
Introduction to the field of marketing with specific emphasis on pharmaceuticals and the marketing of pharmacy services.

PSOP 470. Managed Care Pharmacy. 3 hours.
Professional development in managed care pharmacy to learn history, administrative and policy aspects, network with operational managers and leaders in field, visit managed care sites and observe activies of managed care pharmacists. Course Information: Prerequisite(s): Third year standing in the Doctor of Pharmacy program or second year standing in the Doctor of Pharmacy program with consent of the instructor, or graduate standing in pharmacy.

PSOP 482. Professional Practice Management. 3 hours.
Managerial functions of the pharmacist in all practice environments with emphasis on the planning, organizing, staffing, directing and controlling of resources.

PSOP 484. Systematic Reviews and Meta-Analysis. 3 hours.
The course will discuss the concepts, process, and statistical methods required to perform a systematic review or meta-analysis of a large body of empirical findings. Course Information: Extensive computer use required. Taught online. Prerequisite(s): EPID 403 or BSTT 400 or PSOP 502; or graduate or professional standing; or consent of the instructor. Recommended background: Graduate coursework in biostatistics or epidemiology.

PSOP 485. Concentration Research. 2 hours.
Investigation, under the direction of one or more faculty members, of a problem of limited scope. May require literature research related to the research project. Course Information: May be repeated to a maximum of 4 hours.

PSOP 489. Health Economics and Outcomes Research Overview. 2 hours.
A survey of topics in the field of health economics and outcomes research as applied to pharmacy.

PSOP 494. Special Topics in Pharmacy Systems, Outcomes and Policy. 1-3 hours.
Topics will vary, including the on-going analysis of contemporary issues associated with delivery, financing and management of pharmaceutical products and professional services. Course Information: May be repeated to a maximum of 6 hours.

Philosophy (PHIL)

Courses

PHIL 100. Introduction to Philosophy. 3 hours.
A survey of traditional problems concerning the existence and nature of God, freedom, justification, morality, etc. Readings from historical or contemporary philosophers. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Humanities course, and UIC GE Individual and Society course*.

PHIL 101. Critical and Analytical Reasoning. 3 hours.
Practical course designed to improve student reasoning skills useful for life, college coursework, and explicitly tested on standardized tests like MCAT, GRE, LSAT. Emphasis is on developing skill at evaluating, formulating and presenting arguments. Course Information: Course is offered in both face-to-face and online formats. Check the class schedule for details on specific sections. Note that the online format involves heavy computer usage; computer and internet access are required. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Individual and Society course*.

PHIL 102. Introductory Logic. 3 hours.
Sentential logic: representation of English using truth-functional connectives, decision methods, natural deduction techniques. Introduction to predicate logic: representation of English using quantifiers. Course Information: Course is offered in both face-to-face and online formats. Check the class schedule for details on specific sections. Note that the online format involves heavy computer usage; computer and internet access are required. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Natural World No Lab course*.

PHIL 103. Introduction to Ethics. 3 hours.
Surveys attempts to answer central questions of ethics: What acts are right? What things are good? How do we know this? Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Humanities course, and UIC GE Individual and Society course*.

PHIL 104. Introduction to Political Philosophy. 3 hours.
An introductory survey of topics in political philosophy that bear on U.S. society. Readings will usually be drawn from both classical and contemporary sources. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE US Society course*.

PHIL 105. Science and Philosophy. 3 hours.
An exploration of central philosophical (and/or religious) issues as they arise in the sciences. Readings include both scientific (e.g. physics or biology) and philosophical works, and may be drawn from various periods. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Natural World No Lab course*.

PHIL 106. What Is Religion? 3 hours.
Examination of issues concerning religion, including varying views of the purposes that religions serve, differences between religions, and arguments for the existence of God. Course Information: Same as RELS 106. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course*.

PHIL 107. What is Art? 3 hours.
Introduction to the fundamental problems in understanding art; the historical background; the concept of the aesthetic; theories of art; intentionalistic criticism; metaphor; symbolism; expression; theories of evaluation. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Creative Arts course*.

PHIL 108. What Is Freedom? 3 hours.
Introduction to philosophy through an investigation of freedom. What is freedom, and why do we value it? Do we have free will? What limitations on individual freedom by society are legitimate? What is a free society? Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course*.

PHIL 109. Who Am I? 3 hours.
Who am I? What does it mean to be human? How am I different from other humans? What is the source of my identity, and is it something I can control? These questions addressed through philosophical texts from Plato to the present. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course*.

PHIL 110. Philosophy of Love and Sex. 3 hours.
A philosophical inquiry into traditional and contemporary views about love and sex. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course*.

PHIL 111. What Is a Fact? 3 hours.
Introduction to philosophy via an examination of the notion of a fact, and of methods for discerning facts. Topics include: facts and opinions; facts and theories; facts and expertise; facts and free speech. Course Information: To be properly registered, students must enroll in on Lecture and one Discussion/Recitation. *UIC GE Individual and Society course*.

PHIL 112. Morality and the Law. 3 hours.
What must the law do if it is to protect our rights (such as free speech, privacy, equal treatment)? Why believe we have rights? Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course*.

PHIL 113. Ethics, AI and Data. 3 hours.
Introduction to ethical issues of artificial intelligence, 'big data', autonomous systems, and other digital technology: e.g., algorithmic bias, privacy, AI decision making, and human-AI relations, considered in applications of technology. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course*.

PHIL 115. Death. 3 hours.
Philosophical examination of our attitudes towards death. Our attitudes towards mortality and immortality; definitions of death; treating others as persons; our attitudes towards life, quality of life issues, suicide, rights of the dying. Course Information: Course is offered in both face-to-face and online formats. Check the class schedule for details on specific sections. Note that the online format involves heavy computer usage; computer and internet access are required. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course*.

PHIL 116. Biomedical Ethics. 3 hours.
Moral issues as they arise in biomedical research and practice and the use of principles from general ethics to address them. Topics may include euthanasia, paternalism, allocation of medical resources, and healthcare disparities. Course Information: Course is offered in both face-to-face and online formats. Check the class schedule for details on specific sections. Note that the online format involves heavy computer usage; computer and internet access are required. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 120. Introduction to Ancient Philosophy. 3 hours.
Introduction to issues and methods of philosophy through engagement with classic Greek and Roman texts (read in translation). Course Information: Same as CL 120. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE Past course*.

PHIL 131. Educational Ethics. 3 hours.
A practical, case-based introduction to ethical issues that arise in the daily life of classroom teachers, and techniques and strategies for thinking well about them. Of particular interest to students in teacher training programs, but open to all. Course Information: Same as ED 131. Credit is not given for PHIL 131 if the student has credit in PHIL 435. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE US Society course*.

PHIL 184. The Basics of Neuroscience. 1 hour.
Introduction to the scientific study of the brain and behavior. Overview of neuroscience as an integrative discipline. Course Information: Same as BIOS 184 and PSCH 184. Satisfactory/Unsatisfactory grading only.

PHIL 201. Theory of Knowledge. 3 hours.
Basic issues concerning knowledge, such as knowledge of the external world, other minds, scientific laws, and necessary truths. Course Information: Prerequisite(s): One non-logic course in philosophy; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 202. Philosophy of Psychology. 3 hours.
Theories and methods of scientific psychology: modes of explaining the structure of theories, the nature of mental states; implications of commonsense conceptions of the mind. Course Information: Prerequisite(s): One non-logic course in philosophy; or junior or senior standing in the physical, biological, or social sciences; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 203. Metaphysics. 3 hours.
Philosophical issues concerning free will, causation, action, mind and body, identity over time, God, universals and particulars. Emphasis varies from term to term. Course Information: Prerequisite(s): One course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion.

PHIL 204. Introduction to the Philosophy of Science. 3 hours.
The nature of scientific observation, explanation, and theories; confirmation of laws and theories; the relation between the physical and social sciences. Course Information: Prerequisite(s): One non-logic course in philosophy; or junior or senior standing in the physical, biological, or social sciences; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 206. Introduction to the Philosophy of Language. 3 hours.
Philosophical issues concerning meaning, the relationship between language and thought, how language is to be distinguished from other forms of communication, and how truth relates to meaning. Course Information: Same as LING 206. Recommended background: One non-logic course in philosophy. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

PHIL 210. Symbolic Logic. 3 hours.
Representation of English sentences using quantifiers and identity; quantificational natural deduction; interpretations. Optional topics include naive set theory; axiomatic systems; theory of descriptions; metatheory. Course Information: Prerequisite(s): Grade of B or better in PHIL 102; or credit in MATH 110 or placement into MATH 121; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 211. Inductive Logic and Decision Making. 3 hours.
How to gamble and make other decisions rationally. The role of probability, decision rules, and statistics in real-life contexts. Course Information: Prerequisite(s): PHIL 102; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 215. Philosophy of Computing and Machine Learning. 3 hours.
Understanding of the philosophical foundations of computing and machine learning including AI. Exploration of the connections between computing technology and philosophical theories concerning logic, epistemology, mind and metaphysics. Course Information: Prerequisite(s): One 100-level non-logic course in Philosophy; or consent of the instructor. Recommended background: PHIL 210.

PHIL 220. Ancient Philosophy I: Plato and His Predecessors. 3 hours.
Introduction to Plato and his predecessors in the ancient period. Course Information: Same as CL 220. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 221. Ancient Philosophy II: Aristotle and His Successors. 3 hours.
Introduction to Aristotle and his successors in the ancient period. Course Information: Same as CL 221. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 222. Philosophy in the Islamic World. 3 hours.
Survey of philosophy in the Islamic world from 8th century until today. Topics include: logic and psychology to metaphysics, theology, and politics. Special emphasis on cultural interactions between philosophers of different faiths and cultures. Course Information: Same as ARAB 222 and RELS 222. Prerequisite(s): One non-logic course in philosophy or consent of the instructor.

PHIL 223. History of Modern Philosophy I: Descartes and His Successors. 3 hours.
Introduction to Descartes and some of his successors in the early modern period. Course Information: Prerequisite(s): One non-logic course in philosophy; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 224. History of Modern Philosophy II: Kant and His Predecessors. 3 hours.
Introduction to Kant and some of his predecessors in the early modern period. Course Information: Prerequisite(s): One non-logic course in philosophy; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 225. Nineteenth Century Philosophy. 3 hours.
A survey course of the works of major nineteenth century philosophers such as: Hegel, Marx, Nietzsche, Kierkegaard, and Schopenhauer. Course Information: Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course*.

PHIL 226. Twentieth-Century Analytic Philosophy. 3 hours.
Historical introduction to the major issues and figures of twentieth-century philosophy in the analytic tradition. Readings from Frege, Russell, Wittgenstein, Quine, and others. Course Information: Prerequisite(s): One non-logic course in philosophy; or consent of the instructor. Recommended background: PHIL 102. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 227. Continental Philosophy I: Phenomenology and Existentialism. 3 hours.
Existential themes in dramas and fiction as well as selections from the works of such thinkers as Kierkegaard, Nietzsche, Husserl, Heidegger, Merleau-Ponty, Camus and Sartre. Course Information: Prerequisite(s): One non-logic course in philosophy; or the consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 230. Topics in Ethics and Political Philosophy. 3 hours.
Survey of major topics in ethical theory and political philosophy. Emphasis varies. Course Information: 3 hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic course in philosophy; or consent of the instructor. Recommended background: PHIL 103 or PHIL 109 or PHIL 112 or PHIL 116. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 231. Philosophy of Race and Racism. 3 hours.
Introduction to philosophical arguments about racism, race, and racial identity. What does it mean to call racism "structural"? Is race a harmful fiction, or an important political reality? Does it make sense to say that Muslims are racialized? Course Information: Prerequisite(s): One non-logic course in philosophy, or consent of the instructor.

PHIL 232. Sex Roles: Moral and Political Issues. 3 hours.
Philosophical inquiry into controversies surrounding the changing roles of men and women. Course Information: Same as GWS 232. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 234. Philosophy and Film. 3 hours.
A philosophical examination of film. Screening accompanies discussion. Course Information: Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 240. Philosophy and Revelation: Jewish and Christian Perspectives. 3 hours.
Introduction to philosophical ways of addressing the claim that a book (the Bible, the Quran) comes from God. Texts by Immanuel Kant, Moses Mendelssohn, and Soren Kierkegaard, among others. Course Information: Previously listed as PHIL 141. Same as RELS 240 and JST 240. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

PHIL 241. Philosophy of Religion. 3 hours.
Philosophical inquiry into the grounds of faith and belief, the nature of religious and mystical experience, and the existence and nature of God. Course Information: Same as RELS 241. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture.

PHIL 299. Seminar. 3 hours.
Selected topics. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): One course in philosophy or consent of the instructor.

PHIL 300. Fundamentals of Philosophical Discourse. 3 hours.
An intensive course for philosophy majors or minors aimed at introducing and developing skill in philosophical writing and oral presentation. Course Information: Previously listed as PHIL 400. Prerequisite(s): Major or minor in Philosophy, or major or pre-major in Computer Science and Philosophy; and credit in at least one non-logic 200-level philosophy course or consent of the instructor.

PHIL 310. Aristotle and the Arabs. 3 hours.
Traces the major topics of ancient Greek philosophy, especially those of Aristotle, and their transformation into the philosophy developed in the Arabic classical period. Course Information: Same as ARAB 310 and CL 310. Prerequisite(s): CL 221 or PHIL 221 or RELS 230.

PHIL 315. Ethics of Computing and Artificial Intelligence. 3 hours.
Identification and analysis of ethical challenges specific to computing and artificial intelligence as well as the implications of such technology for important moral concepts such as agency, responsibility, and privacy. Course Information: Prerequisite(s): Credit or concurrent enrollment in one 200-level non-logic course in Philosophy; or consent of the instructor. Recommended background: Credit in PHIL 215.

PHIL 357. Philosophy of Rhetoric. 3 hours.
The philosophical basis of the rhetorical tradition—from ancient Greece to today. We ask how language and persuasion function in society, focusing on how rhetorical form, proof, audience, and context shape meaning, belief, and understandings of truth. Course Information: Same as ENGL 357. Extensive computer use required. Prerequisite(s): Credit in a 200-level course in Philosophy or English or consent of the instructor. Recommended background: Credit in PHIL 102 or ENGL 154.

PHIL 390. Senior Thesis in Philosophy. 3 hours.
Students will work individually with a member of the faculty on a topic chosen by the student and approved by the faculty. Course Information: Prerequisite(s): Open only to seniors; Consent of the instructor and department.

PHIL 399. Independent Study. 2-6 hours.
Independent study, under the supervision of a staff member, of a topic not covered in the regular curriculum. Offered at the request of the student and only at the discretion of the staff members concerned. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

PHIL 401. Theory of Knowledge. 3 or 4 hours.
Survey and analysis of key topics in epistemology, such as skepticism, the nature of propositional knowledge, justification, perception, memory, induction, other minds, naturalistic epistemology. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 402. Topics in Philosophy of Mind. 3 or 4 hours.
Survey and analysis of one or more topics in philosophy of mind, such as the mind-body problem, philosophy of psychology, perception and sensation, intentional content, consciousness, and mental causation. Course Information: 3 undergraduate hours; 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 403. Metaphysics. 3 or 4 hours.
Intensive treatment of one or more topics, such as free will, personal identity, causation, existence, substance and attribute, the nature of the mind. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor. Recommended background: PHIL 102.

PHIL 404. Philosophy of Science. 3 or 4 hours.
Selected works on the aims and methods of science; the status of scientific theories, natural laws and theoretical entities; the nature of scientific explanation. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): PHIL 102 and one non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 406. Topics in Philosophy of Language. 3 or 4 hours.
Intensive treatment of one or more topics, such as meaning and reference, communication, the structure of language, language and thought, and the relation of language to reality. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): PHIL 102 and one 200-level non-logic course in philosophy; or consent of the instructor.

PHIL 410. Introduction to Formal Logic. 3 or 4 hours.
Review of predicate logic and of introductory set theory. The concept of a formal system. Notions of completeness and soundness. Introduction to Godel's first incompleteness theorem. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): PHIL 210 or consent of the instructor.

PHIL 422. Studies in Medieval Philosophy. 0-4 hours.
Study of selected philosophers such as Boethius, Avicenna, Aquinas, William Ockham, and selected issues such as the relationship between faith and reason, the nature of reason, the nature of human cognition, the nature of morality. Course Information: Same as RELS 422. 3 undergraduate hours. 4 graduate hours. May be repeated if topics or figures vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level philosophy course; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PHIL 423. Studies in Early Modern Philosophy. 3 or 4 hours.
Careful reading of selected works of one or more philosophers, 1600 to 1750, such as Descartes, Hobbes, Spinoza, Leibniz, Locke, Berkeley, Hume, Reid and Rousseau. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics or figures vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 424. Kant. 3 or 4 hours.
Intensive study of Kant's philosophy. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic course in philosophy; or consent of the instructor.

PHIL 425. Studies in Nineteenth-Century Philosophy. 3 or 4 hours.
Careful reading of one or more post-Kantian philosophers such as Hegel, Schelling, Fichte, Schopenhauer, Marx, J.S. Mill, Kierkegaard, Nietzsche. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 426. Analysis and Logical Empiricism. 3 or 4 hours.
Developments in twentieth century analytic philosophy with roots in the study of logic and language, such as logical atomism and logical empiricism. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics and figures vary. Approval to repeat course granted by the department. Prerequisite(s): PHIL 102 and one non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 427. Continental Philosophy II: European Thought Since 1960. 3 or 4 hours.
European thought since 1960: Existential Marxism; Critical Theory; Structuralism, Post-Structuralism and Deconstruction. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics or figures vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of instructor.

PHIL 428. Topics in Ancient Philosophy. 3 or 4 hours.
Careful reading of related works by Ancient Philosophers, such as Plato and Aristotle. Course Information: 3 undergraduate hours; 4 graduate hours. May be repeated if topics or figures vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 429. Special Studies in the History of Philosophy. 3 or 4 hours.
Advanced study of a historical school, period, or the development of a historical theme. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics or figures vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in the history of philosophy; or consent of the instructor.

PHIL 432. Topics in Ethics. 3 or 4 hours.
Selected topics in ethics. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) with approval. Approval to repeat course granted by the department. Prerequisite(s): One 200-level course in philosophy or consent of the instructor. Recommended background: Credit in a course in moral, social, or political philosophy.

PHIL 433. Topics in Social/Political Philosophy. 3 or 4 hours.
Selected topics in social and political philosophy. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 435. Ethics for Educators. 3 hours.
A case-based class designed to introduce students to a range of approaches to thinking through hard ethical problems that arise in the daily life of classroom teachers. Course Information: Credit is not given for PHIL 435 if the student has credit in PHIL 131 or ED 131. Recommended background: Either a 100-level non-logic philosophy class or some classroom teaching experience.

PHIL 441. Topics in Philosophy of Religion. 3 or 4 hours.
Intensive study of one or more selected topics concerning the philosophical aspects of basic religious beliefs and concepts. Course Information: Same as RELS 441. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor.

PHIL 484. Neuroscience I. 3 hours.
Neuroscience as an integrative discipline. Neuroanatomy of vertebrates, neural development, cellular neurobiology, action potential mechanisms, synaptic transmission and neuropharmacology. Course Information: Same as BIOS 484 and PSCH 484. Prerequisite(s): BIOS 286 or PSCH 262.

PHIL 485. Neuroscience II. 3 hours.
Integrative neuroscience, including sensory and motor systems; learning, memory, and language; pathology of nervous systems; philosophical perspectives, and modeling. Course Information: Same as BIOS 485 and PSCH 485. Prerequisite(s): BIOS 286 or PSCH 262.

Physical Therapy (PT)

Courses

PT 350. Introduction to Physical Therapy. 3 hours.
Introduces the career and profession of physical therapy including professional values, care settings, specialties and models of patient/client management. Course Information: Priority registration will be given to students in the B.S. in Rehabilitation Sciences.

PT 420. Introduction to LGBTQIA2S+ Health. 2 hours.
Students will build a robust foundation in queer health, using the socio-ecological model to both contextualize systemic health equity issues and to discuss strategies to improve healthcare for the LGBTQIA2S + community. Course Information: Prerequisite(s): Junior standing or above; or consent of the instructor.

PT 440. Introduction to the Theory and Practice of Physical Therapy in the United States. 0-20 hours.
International students further develop and apply learning from their physical therapy curriculum in an academic training environment that fosters learning, inquiry, critical thinking, and global awareness of contemporary physical therapy practice. Course Information: Satisfactory/ Unsatisfactory grading only. No graduation credit. Field work required. Prerequisite(s): Successful completion of all previous didactic and fieldwork courses required by the home institution, and a letter of recommendation from a PT faculty member at the home institution; and English proficiency. Restricted to visiting physical therapy students from international universities. Class Schedule Information: To be properly registered, student must enroll in one Lecture-Discussion and one Laboratory.

PT 496. Independent Study. 1-4 hours.
Open to undergraduate, graduate and professional program students to provide exposure and experience to the field of rehabilitation sciences in the classroom, clinic, research and/or community. Course Information: May be repeated for a maximum of 8 hours. Prerequisite(s): Consent of the Instructor.

Physics (PHYS)

Courses

PHYS 100. Preparatory Physics. 3 hours.
Introduction to basic physics concepts, problem-solving skills, and quantitative reasoning. Course Information: No credit toward the Major in Physics, BS in Physics, or Minor in Physics. Prerequisite(s): Grade of C or better or concurrent registration in MATH 121; and appropriate score on the department placement test.

PHYS 101. Active Learning of the Physical World. 4 hours.
A continuation of the first 7 weeks of PHYS 141, focusing on the exploration of the physical world through active learning. Student-centered learning through team activities in small group settings, working on problem-solving activities. Course Information: Credit is not given for PHYS 101 if student has credit in PHYS 141. Enrollment available only after week 7 and only to students currently enrolled in PHYS 141. Prerequisite(s): Physics 141; and registration and approval of the department. Restricted to students currently enrolled in PHYS 141.

PHYS 110. Gateway to Physics: First Year Seminar. 1 hour.
Seminar for physics majors and anyone curious about physics as a major, discipline, and career – topics include career options and pathways, navigating the physics major and research opportunities, campus and departmental resources. Course Information: Satisfactory/ Unsatisfactory grading only. No background in physics is necessary.

PHYS 112. Astronomy and the Universe. 4 hours.
Astronomy in the context of the scientific process, history and current events. Covers the Solar System, stars and galaxies and the origin and fate of the universe. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture. *IAI GECC Phys Sci-w/Lab course, and UIC GE Natural World Lab course*.

PHYS 116. Energy for Future Decision-Makers. 3 hours.
Survey of energy sustainability and environmental issues. All energy forms of production, sources, storage, and uses; their environmental implications on a global scale within the scientific, technological, political, economic, and social context. Course Information: Same as EAES 116. Recommended background: High school algebra. *UIC GE Natural World No Lab course*.

PHYS 118. Physics in Modern Medicine. 3 hours.
Survey course of physical technologies used in modern medicine and the underlying physics, including applications of optics, imaging, and nuclear medicine to diagnosis, surgery, therapy and treatment. Course Information: Prerequisite(s): High school algebra, trigonometry, and biology. *UIC GE Natural World No Lab course*.

PHYS 131. Introductory Physics for Life Sciences I. 4 hours.
Algebra-based physics and its relationship to the life sciences, including mechanics, waves, diffusion and fluids with applications to molecular, cell and human biology. Course Information: Prerequisite(s): High school algebra and trigonometry. Credit for PHYS 131 is not given if the student has credit for PHYS 105 or PHYS 141. To be properly registered, students must enroll in one Laboratory, one Lecture and one Discussion/ Recitation. *UIC GE Natural World Lab course*.

PHYS 132. Introductory Physics for Life Sciences II. 4 hours.
Algebra-based physics and its relationship to the life sciences, including electromagnetism, optical, quantum, and thermal physics, with applications to molecular, cell and human biology. Course Information: Prerequisite(s): Grade of C or better in PHYS 105 and Grade of C or better in PHYS 106; or Grade of C or better in PHYS 131. Credit for PHYS 132 is not given if the student has credit for PHYS 107 or PHYS 142. To be properly registered, student must enroll in one Laboratory, one Discussion/Recitation and one Lecture. *UIC GE Natural World Lab course*.

PHYS 141. General Physics I (Mechanics). 4 hours.
Kinematics, vectors, Newton's laws of motion; linear momentum, collisions; work and kinetic energy; potential energy, conservation of energy; rotational kinematics and energy; rotational dynamics, static equilibrium; simple harmonic motion. Course Information: Students may obtain one additional hour of credit by concurrently registering in PHYS 144. Prerequisite(s): Grade of C or better or concurrent registration in MATH 180; or approval of the department ; and Grade of C or better in PHYS 100 or adequate performance on the departmental placement test. Class Schedule Information: During the fall and spring terms, combined-section final exam will be held on Wednesday of finals week from 6 to 8 p.m. To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion. *IAI Major PHY course, and IAI GECC Phys Sci-w/Lab course, and UIC GE Natural World Lab course*.

PHYS 142. General Physics II (Electricity and Magnetism). 4 hours.
Electrostatics; electric currents; d-c circuits; magnetic fields; magnetic media; electromagnetic induction; a-c circuits; Maxwell's equations; electromagnetic waves; reflection and refraction; interference; geometrical optics. Course Information: Prerequisite(s): Grade of C or better in PHYS 141; and Grade of C or better or concurrent registration in MATH 181. *IAI Major PHY course, and UIC GE Natural World Lab course*.

PHYS 144. Problem-Solving Workshop for General Physics I (Mechanics). 1 hour.
A workshop where smaller groups of students work together with the instructor to enhance their problem solving skills by solving additional problems both similar to, as well as more challenging than, the ones given in Physics 141. Course Information: Satisfactory/Unsatisfactory grading only. Must enroll concurrently in PHYS 141.

PHYS 145. Problem-Solving Workshop for General Physics II (Electricity and Magnetism). 1 hour.
A workshop where smaller groups of students work together with the instructor to enhance their problem-solving skills by solving additional problems both similar to, as well as more challenging than, problems given in Physics 142. Course Information: Satisfactory/Unsatisfactory grading only. Requires concurrent registration in PHYS 142.

PHYS 215. Computational and Mathematical Methods for the Physical Sciences. 4 hours.
Computational and mathematical methods applied to basic problems in physics. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in PHYS 142; or Grade of B or better in PHYS 107 or Grade of B or better in PHYS 132; and Grade of C or better in MATH 181 and Grade of C or better or concurrent registration in MATH 210. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory.

PHYS 230. Fundamentals of Relativity. 3 hours.
Introduction to the theory of relativity, including special relativity (Lorentz contraction, time dilation, energy-mass equivalence, kinematics and electrodynamics) and general relativity (gravity, black holes). Course Information: Prerequisite(s): Grade of C or better in MATH 181; and Grade of C or better in PHYS 142; or Grade of B or better in PHYS 107 or Grade of B or better in PHYS 132.

PHYS 240. Fundamentals of Modern Quantum Theory. 3 hours.
Modern introduction to the quantum theory including discrete systems (qubits, etc.), quantum measurement theory, entanglement, Bell's Theorem, the Uncertainty Principle, one-dimensional potential models, and the Schrodinger-von Neumann equation. Course Information: Prerequisite(s): Grade of C or better in MATH 181; and Grade of C or better in PHYS 142; or Grade of B or better in PHYS 107 or Grade of B or better in PHYS 132. Physics majors (BA and BS) are required to register concurrently for PHYS 241.

PHYS 241. Experiments in Modern Physics. 1 hour.
Companion course to PHYS 240 that includes laboratory experiments on introductory quantum theory and modern physics. Course Information: Prerequisite(s): Grade of C or better in MATH 181; and Grade of C or better in PHYS 142; or Grade of B or better in PHYS 107 or Grade of B or better in PHYS 132. Requires concurrent registration in PHYS 240 or approval of the department.

PHYS 245. Introduction to Vibrations, Waves, and Thermal Physics. 4 hours.
Free, forced, damped, and coupled oscillations; normal modes; Fourier analysis; resonance; waves; interference; diffraction; heat energy; entropy; introduction to thermodynamics, kinetic theory of gases, and basic statistical physics. Course Information: Prerequisite(s): Grade of C or better in MATH 181; and Grade of C or better in PHYS 142; or Grade of B or better in PHYS 107 or Grade of B or better in PHYS 132. Recommended background: Credit or concurrent registration in MATH 220. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture. *IAI Major PHY course*.

PHYS 260. Introduction to Thermal Physics. 2 hours.
Calculus-based introduction to thermal physics. The first and second laws of thermodynamics, entropy, free energy, statistical physics, and their applications. Course Information: Extensive computer use required. Computer and internet access are required. This course does not satisfy the requirements for BA and BS degrees in physics. Prerequisite(s): Grade of C or better in PHYS 141 or Grade of C or better in PHYS 131; and Grade of C or better in MATH 180 or Grade of C or better in MATH 170. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

PHYS 391. Physics Seminar. 1 hour.
Preparation and presentation by students of talks on topics of current interest in physics. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 4 hours. Prerequisite(s): Senior standing.

PHYS 392. Physics Research. 2-4 hours.
Research under the close supervision of a faculty member. Course Information: To be eligible for credit towards the Minor in Biological Physics, students must register for a section led by one of the physics faculty members doing biological physics research. This course counts toward the limited number of independent study hours accepted toward the degree and the major. Prerequisite(s): Approval of the department.

PHYS 393. Special Problems. 2-4 hours.
Special problems or reading in modern physics under individual arrangement with a faculty member. Course Information: Prerequisite(s): Approval of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

PHYS 395. Biological Physics Journal Club. 1 hour.
Review and discussion of biological physics journal articles through student presentations and presentations by invited lecturers. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated to a maximum of 2 hours. Prerequisite(s): PHYS 245 or PHYS 260; and BIOS 220 or BIOS 222.

PHYS 401. Electromagnetism I. 4 hours.
Vector calculus; electrostatic and magnetostatic fields in vacuum; electrostatic boundary-value problems; electrodynamics; Maxwell's equations; electromagnetic waves in vacuum; reflection and transmission phenomena in linear media. Course Information: Prerequisite(s): MATH 220; and Grade of C or better in PHYS 215; or approval of the department.

PHYS 402. Electromagnetism II. 4 hours.
Electrostatics, mangetostatics, and electromagnetic waves in matter; radiation; relativistic electrodynamics; special topics chosen by the instructor. Course Information: Prerequisite(s): Grade of C or better in PHYS 230 and Grade of C or better in PHYS 401; or approval of the department.

PHYS 411. Quantum Mechanics I. 4 hours.
Wave particle duality; wave functions; matrix representation; operators and observables; 1-D potentials; harmonic oscillator; eigenvalues and eigenfunctions; time-independent perturbation theory; approximation methods; 3-D Schroedinger's equation. Course Information: Prerequisite(s): Grade of C or better in PHYS 215 and Grade of C or better in PHYS 240 and Grade of C or better in PHYS 245; or approval of the department. Recommended background: MATH 220.

PHYS 412. Quantum Mechanics II. 4 hours.
The second semester of a two-semester undergraduate level sequence on the concepts and methods of quantum mechanics and their applications. Course Information: Prerequisite(s): Grade of C or better in PHYS 411; or approval of the department.

PHYS 421. Modern Physics: Atoms and Molecules. 4 hours.
Hydrogenic atoms, electron spin, external fields, multi-electron atoms, diatomic molecules, line widths, photons, radiation from atoms and other electromagnetic processes, positrons, positronium, elastic electron scattering. Course Information: Prerequisite(s): Credit or concurrent registration in PHYS 411.

PHYS 425. Modern Optics. 4 hours.
Review of electromagnetic wave theory and introductory optics; advanced geometrical optics; Fourier transforms and optics; interference and diffraction; solar cells and LEDs; laser cavities and gain media; introduction to nonlinear and fiber optics. Course Information: Prerequisite(s): PHYS 240; or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Discussion, one Laboratory and one Lecture.

PHYS 431. Modern Physics: Condensed Matter. 4 hours.
Crystal structures; interatomic binding; lattice vibrations; thermal and magnetic properties; quantum statistical mechanics; free electron theory of metals; electronic band theory; semiconductors and insulators; superconductivity. Course Information: Prerequisite(s): PHYS 411 and PHYS 461; or consent of the instructor.

PHYS 441. Theoretical Mechanics. 4 hours.
Review of Newtonian mechanics, variational calculus, Lagrangian mechanics, central force problems, non-inertial frames, rigid body motion, coupled oscillators, non-linear mechanics, Hamiltonian mechanics, and numerical examples. Course Information: Prerequisite(s): Grade of C or better in PHYS 215 and Grade of C or better or concurrent registration in PHYS 245; or approval of the department.

PHYS 450. Molecular Biophysics of the Cell. 4 hours.
Introduction to force, time energies at nanometer scales; Boltzmann distribution; hydrodynamic drag; Brownian motions; DNA, RNA protein structure and function; sedimentation; chemical kinetics; general aspects of flexible polymers. Course Information: Same as BIOS 460 and BME 450. Prerequisite(s): Grade of C or better in PHYS 245 or Grade of C or better in PHYS 260 or the equivalent; or approval of the department.

PHYS 451. Modern Physics: Nuclei and Elementary Particles. 4 hours.
Accelerators, detectors, symmetries, conservation laws, leptons, weak interactions, electroweak theory, strong interactions, hadrons, nuclear forces, systematics and reactions, nuclear models, nuclear astrophysics, quarks, quantum chromodynamics. Course Information: Prerequisite(s): PHYS 411.

PHYS 461. Thermal and Statistical Physics. 4 hours.
Thermal equilibrium (Zeroth Law); thermodynamic states (First Law); irreversibility; entropy (Second Law); thermodynamic potentials and properties; phase transitions; kinetic theory of gases; classical statistical mechanics. Course Information: Prerequisite(s): Grade of C or better in PHYS 245; or approval of the department.

PHYS 469. The Learning and Teaching of Physics. 4 hours.
Provides teacher candidates with the foundations and experiences necessary for teaching physics in secondary schools. For those currently teaching, it will also provide tools and background to improve their physics instruction. Course Information: 4 hours. Extensive computer use required. Prerequisite(s): PHYS 142; or PHYS 107 and PHYS 108; or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

PHYS 470. Educational Practice with Seminar I. 6 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

PHYS 471. Educational Practice with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Graduate credit only with approval of the department. Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, credit or concurrent registration in PHYS 470, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

PHYS 475. Learning and Teaching of Physical Sciences. 3 hours.
Provides teacher candidates with the foundation and experience necessary to teach physical sciences in secondary schools. Course Information: Same as CHEM 475. Prerequisite(s): Senior standing or above; or approval of the department. Recommended background: Knowledge of first-year college physics and chemistry. Class Schedule: To be properly registered students must enroll in one Lecture-Discussion and one Laboratory.

PHYS 480. Elements of Machining Scientific Equipment. 1 hour.
Elements of machining scientific equipment, including the use of machine shop tools and technical drawing of scientific apparatus. Course Information: Same as CHEM 480 and EAES 478. Satisfactory/Unsatisfactory grading only. Prerequisite(s): Graduate standing; and approval of the department.

PHYS 481. Modern Experimental Physics I. 4 hours.
Theory and experimental use of linear circuits, semiconductor devices, amplifiers, oscillators. Techniques and experiments in atomic, molecular and solid-state physics. Course Information: Prerequisite(s): Grade of C or better in PHYS 240; or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

PHYS 482. Modern Experimental Physics II. 4 hours.
Techniques and experiments in nuclear and particle physics. Gamma-gamma correlations, muon lifetime, Compton scattering, alpha particle scattering. Computer-based experimentation. Course Information: Prerequisite(s): PHYS 481; or approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

PHYS 491. Special Topics in Physics. 1-4 hours.
Selected topics of current interest in Physics. Course Information: May be repeated. Prerequisite(s): PHYS 215 and sophomore standing or above; or approval of the department.

PHYS 494. Special Topics in Physics Teaching. 2-4 hours.
Seminar on various topics related to the teaching of physics. Subjects are announced. Course Information: May be repeated. Students may register in more than one section per term. Supervised teaching practice included. Prerequisite(s): Graduate standing or approval of the department.

PHYS 499. Survey of Physics Problems. 1 hour.
Problem-solving techniques applied to the variety of undergraduate physics topics. Course Information: No graduation credit for graduate students. Grade of C or better required to graduate with an undergraduate degree in physics. Co-requisite(s):Concurrent registration in PHYS 481.

Physiology and Biophysics (PHYB)

Courses

PHYB 301. Human Physiology and Pathophysiology I. 5 hours.
Designed for the College of Pharmacy. Physiology and pathophysiology of the nervous, cardiovascular, and excretory systems at the cell, tissue, organ, and system levels. Course Information: Prerequisite(s): Enrollment in the Doctor of Pharmacy program.

PHYB 302. Human Physiology and Pathophysiology II. 5 hours.
Continuation of PHYB 301. Physiology and pathophysiology of the blood, respiratory, endocrine, and reproductive systems. General pathology, mechanisms of disease. Course Information: Prerequisite(s): PHYB 301 and enrollment in the Doctor of Pharmacy program.

PHYB 321. Human Physiology for Dental Students I. 2 hours.
The major concepts involved in the regulation of living processes are introduced. The underlying homeostasis and communication mechanisms by which the major systems are interrelated are emphasized. Course Information: Prerequisite(s): Credit or concurrent registration in a 300-level biochemistry course. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Lecture-Discussion.

PHYB 322. Human Physiology for Dental Students II. 2 hours.
Continuation of PHYB 321. A continuation of the major concepts involved in the regulation of living processes. The underlying homeostasis and communication mechanisms by which the major systems are interrelated are emphasized. Course Information: Prerequisite(s): PHYB 321.

PHYB 396. Independent Study. 1-4 hours.
Independent study (non-laboratory) for advanced undergraduates majoring in appropriate disciplines. Course Information: Prerequisite(s): Consent of the instructor.

PHYB 399. Laboratory Research. 1-4 hours.
Laboratory research for advanced undergraduates majoring in appropriate disciplines. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the instructor.

Polish (POL)

Courses

POL 101. Elementary Polish I. 4 hours.
Basic grammar and vocabulary. Introduction to the vibrant culture of Poland. Course Information: This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): For students who have had no formal work in Polish.

POL 102. Elementary Polish II. 4 hours.
Continuation of POL 101. Basic grammar and vocabulary. Introduction to the vibrant culture of Poland. Course Information: This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): POL 101; or appropriate score on the department placement test.

POL 103. Intermediate Polish I. 4 hours.
Course will expand your mastery of grammar and vocabulary and prepares you to discuss and write, in Polish, in a variety of styles. Course Information: Extensive computer use required. This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): POL 102; or appropriate score on the department placement test.

POL 104. Intermediate Polish II. 4 hours.
Continuation of Polish 103. Course will expand your mastery of grammar and vocabulary and prepares you to discuss and write, in Polish, in a variety of styles. Course Information: This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): POL 103; or appropriate score on the department placement test. *IAI GECC Humanities course*.

POL 115. Introduction to Polish Culture. 3 hours.
Main trends in Polish culture in the context of parallel developments in Western European civilization. Course Information: Taught in English. *UIC GE World Cultures course*.

POL 120. The Polish Short Story in Translation. 3 hours.
Introduction to representative Polish short stories of the nineteenth and twentieth centuries; the elements of fiction; close reading of prose texts. Course Information: Taught in English. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE World Cultures course*.

POL 130. Masterworks of Polish Literature in Translation. 3 hours.
The most important works of Poland's greatest writers in the areas of poetry, drama, and prose. Course Information: Taught in English. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE World Cultures course*.

POL 140. Polish Drama in Translation. 3 hours.
Elementary aspects of Polish dramatic theory and close reading of representative scripts selected from various periods. Course Information: Same as THTR 140. Taught in English. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE World Cultures course*.

POL 150. Introduction to Polish Cinema. 3 hours.
Introduction to the major themes and techniques of Polish film art; comparative survey of narrative film and literature. Course Information: Taught in English. Films screened with English subtitles. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

POL 201. Advanced Polish through Media and Film. 3 hours.
Development of advanced language skills: writing, reading, listening comprehension, and speaking. Exploration and analysis of Polish media sources (television, films, music), and links between topics and their medium of representation. Course Information: Prerequisite(s): POL 104; or appropriate score on the department placement test.

POL 202. Advanced Polish through Contemporary Culture. 3 hours.
Development of skills in spoken and written Polish, within the context of contemporary Polish culture, via a variety of sources, such as: news articles, comics, music.Course Information: Prerequisite(s): POL 104; or appropriate score on the department placement test.

POL 203. Advanced Polish through Short Stories. 3 hours.
Development of advanced language skills: writing, reading, listening comprehension, and speaking. Exploration and analysis of Polish cultural tropes within the context of short stories. Course Information: May be repeated for a maximum of 6 hours. May be repeated if topics vary. Prerequisite(s): POL 104; or appropriate score on the department placement test.

POL 204. Advanced Polish in Healthcare Settings. 3 hours.
Develops students' linguistic competence in Polish required in healthcare settings through introduction of specialized medical terminology and related communicative skills. Course Information: Prerequisite(s): Grade of C or better in POL 104; and appropriate score on the department placement test.

POL 220. Modern Polish-Jewish Culture and Literatures. 3 hours.
Polish-Jewish literature and non-fiction works in English translation from Polish, Yiddish and Hebrew are studied as expressions of a distinct Ashkenazi or East European Jewish culture that developed on historically Polish lands. Course Information: Same as JST 220 and CEES 220. Prerequisite(s): ENGL 160 or ENGL 161. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

POL 234. The Making of Modern Poland. 3 hours.
Exploration of political, socioeconomic, and cultural developments since the first Polish state, the union with Lithuania, the struggle for independence, and Communist rule to the present. Course Information: Same as HIST 234. Prerequisite(s):ENGL 160 or completion of any 100-level history course. *UIC GE Individual and Society course, and UIC GE Past course*.

POL 242. Polish Poetry for Beginners. 3 hours.
Polish poetry from various literary epochs read as an introduction to Polish literature and explained against the basic historical, cultural, and transcultural contexts. Course Information: Taught in English.

POL 321. Introduction to Polish Literature. 3 hours.
Old Polish literature from medieval Latin and vernacular texts to masterpieces of the Polish Enlightenment. Course Information: Taught in English. Prerequisite(s): Junior standing or consent of the instructor.

POL 399. Independent Study. 1-3 hours.
Investigation of special problems under the general direction of a staff member. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Junior standing, consent of the instructor and consent of the head of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

POL 460. Studies in Polish Literature. 3 or 4 hours.
Major literary Polish writers recognized in the world, translated extensively into English; their poetics, worldviews as compared with foreign writers; historical and philosophical background. Topics may vary. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 9 hours for undergraduates, or 12 hours for graduate students, if topics vary. Only 6 hours may be applied toward the undergraduate major in Polish. Taught in English. Polish majors will be required to complete some assignments in Polish. Prerequisite(s): Credit or concurrent registration in CEES 224 or Credit or concurrent registration in CEES 225; or consent of the instructor.

POL 499. Independent Study. 1-4 hours.
Investigation of special problems under the general direction of a staff member. Course Information: May be repeated to a maximum of 8 hours. Graduate students may register for more than one section per term. Prerequisite(s): Senior or graduate standing, consent of the instructor and consent of the head of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the undergraduate degree and the major.

Political Science (POLS)

Courses

POLS 101. Introduction to American Government and Politics. 3 hours.
Introduction to American political ideas, individual and group political behavior, institutions of national government, and public policy. Course Information: May be taught in blended learning format. Please check the online schedule of classes for blended sections. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course, and UIC GE US Society course*.

POLS 112. Black Politics and Culture in the United States. 3 hours.
The shifting relationship between black politics and black cultural forms across various historical periods. Course Information: Same as BLST 103. *UIC GE Individual and Society course, and UIC GE US Society course*.

POLS 120. Introduction to Political Theory. 3 hours.
Competing accounts of the relationships among individuals, society, and the state. Analysis of differing conceptions of human nature through readings in ancient and modern classics. Class Schedule Information: To be properly registered, students must enroll in one Discussion/ Recitation and one Lecture-Discussion. *IAI Major PLS course, and UIC GE Individual and Society course, and UIC GE Past course*.

POLS 130. Introduction to Comparative Politics. 3 hours.
Comparative study of political institutions, political culture, and political processes in selected major countries of the world. Course Information: Same as INST 130. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the relevant semester to determine the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high-speed connection, while not required, is strongly suggested. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course*.

POLS 184. Introduction to International Relations. 3 hours.
Political, military, and economic relations between states, international organizations and transnational actors. Problems of war, imperialism and the world economy. Prospects for global cooperation. Course Information: Same as INST 184. Extensive computer use required. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the relevant semester to determine the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high-speed connection, while not required, is strongly suggested. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course, and UIC GE World Cultures course*.

POLS 195. Politics of Science and Technology. 3 hours.
The interrelationships among science, technology, and politics in the US. Political and social problems caused by technological change, polarization of science and technology, how social media changes, government patronage of science and technology. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the relevant semester to determine the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high-speed connection, while not required, is strongly suggested. *UIC GE US Society course*.

POLS 200. Methods of Political Science. 3 hours.
Methods of political science. Conducting primary research projects using the methods most frequently employed by political scientists.

POLS 201. Political Data Analysis. 3 hours.
Introduction to basic elements of statistics and data analysis for political science. Includes descriptive and inferential statistics; introduction to UIC computer facility and statistics software. Course Information: Prerequisite(s): MATH 090; or MATH 105; or MATH 108; or consent of the instructor.

POLS 202. Topics in Political Practice. 3 hours.
Selected topics and issues in Political Science. Topics vary across the subfields of Political Science. Course Information: May be repeated to a maximum of 6 hours if topics vary. Students may register in more than one section per term.

POLS 203. Popular Culture and Politics. 3 hours.
Use of popular culture and its products in the analysis of contemporary political themes through the lens of political processes, state and legal institutions, political behavior, and the exercise of power. Topics may vary. Course Information: Recommended background: POLS 101.

POLS 204. Democracy and Its Discontents. 3 hours.
Explores the challenges past and present democracies face. Topics include democratic erosion, weak institutions, polarization, populism, corruption, and violence and democracy. Course Information: Recommended background: POLS 130.

POLS 206. Political Behavior. 3 hours.
An introduction to political behavior; includes the structure and functions of political attitudes, the role of personality, political socialization, electoral behavior, and related topics. Course Information: Recommended background: POLS 101.

POLS 207. The Mass Media and Politics. 3 hours.
Impact of mass media coverage on political attitudes and the conduct of American politics. Communication policies and media institutions in times of rapid technological change. Course Information: Same as COMM 207. Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high speed connection, while not required, is strongly suggested. Prerequisite(s): One course in political science, sociology or contemporary history.

POLS 209. Latinos and Politics. 3 hours.
Latino politics and politicians in the context of the American political system. The political system, Latino participation, experience, and research on political processes. Course Information: Same as LALS 283. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE US Society course*.

POLS 210. Introduction to Urban Politics. 3 hours.
Growth and legal problems of cities: intergovernmental relations; powers and forms of government; pressure group activity; municipal functions and services; globalization and global cities; and revenue issues. Course Information: Recommended background: POLS 101.

POLS 211. Chicago's Future. 3 hours.
Emphasis on the political and governmental future of Chicago. Covers racial and ethnic politics; metropolitan, city, and neighborhood government; machine versus reform politics; and Chicago as a global city. Course Information: Recommended background: POLS 101.

POLS 212. State Government. 3 hours.
Organization and powers of state governments in the U.S.; constitutions and problems of revision; the major institutions and their interrelationships, intergovernmental relations. Course Information: Recommended background: POLS 101.

POLS 220. Mock Trial I. 1 hour.
Introduction to the concept of mock trial. Course Information: Prerequisite(s): Consent of the instructor.

POLS 221. Mock Trial II. 3 hours.
Participation in mock trials. Course Information: Prerequisite(s): Consent of the instructor.

POLS 225. Lobbying, Advocacy, and Social Movements. 3 hours.
The logic and power of collective action in democracies. Modes of state-societal relations: competition among societal actors or guided coordination between the state and societal actors. Course Information: Recommended background: POLS 101.

POLS 226. Political Parties in Modern Democracies. 3 hours.
Organization, role, and function of political parties in democratic settings. Types of party systems and ideological families. Link between elections and party systems. Opportunities for reform of parties and party systems. Course Information: Recommended background: POLS 101 or POLS 130 or INST 130.

POLS 227. Voting Behavior and Elections. 3 hours.
Examination of elections, voting behavior, election law, and voting theories and influences. Course Information: Recommended background: POLS 101.

POLS 228. U.S. Congress. 3 hours.
Introduction to the structures and processes of Congressional politics. Emphasis on elections, organization, interinstitutional relations and authorizations and appropriations processes. Course Information: Recommended background: POLS 101.

POLS 229. Executive Powers and the United States Presidency. 3 hours.
Examination of such phenomena as presidential elections; the presidency and the Constitution; the presidency and public administration; the president as policy-maker; presidential leadership. Course Information: Recommended background: POLS 101.

POLS 231. Politics and Society of China. 3 hours.
Main issues of contemporary Chinese politics and social change; the decline of the last imperial dynasty; the republican era; the rise of communism and China under the rule of Mao Zedong; and the reform period (post-1978). Course Information: Same as GLAS 231 and HIST 231. Recommended background: POLS 130 or INST 130. *UIC GE World Cultures course*.

POLS 232. Politics and Government of Korea. 3 hours.
Sources, dynamics, and patterns of politics in the two Koreas. Comparison of North and South Korea. Course Information: Same as GLAS 232. Recommended background: POLS 130 or INST 130. *UIC GE World Cultures course*.

POLS 234. Politics and Government of Western Europe. 3 hours.
Comparison of government and politics of major Western European countries. Topics include political culture, political parties, elections, legislatures, executive arrangements, and the European Union. Course Information: Recommended background: POLS 130 or INST 130.

POLS 236. Politics and Government of Eastern Europe. 3 hours.
Similarities and differences of the political system of eastern European states and the sources and meaning of political change. Course Information: Recommended background: POLS 130 or INST 130.

POLS 242. Government and Politics of Latin America. 3 hours.
An examination of government and politics in selected Latin American countries. Comparative and historical analysis of dictatorship, democracies, political institutions, and parties. Course Information: Same as LALS 242.

POLS 243. Politics and Government of the Middle East. 3 hours.
Contemporary Middle East political institutions, culture, processes, and conflicts. Emphasis on interaction of traditional and modern forces, such as Islam, nationalism, political elites, ideologies, states. Course Information: Same as JST 243. Recommended Background: POLS 130 or INST 130. *UIC GE World Cultures course*.

POLS 246. History of American Capitalism. 3 hours.
Survey of the political, economic, cultural, and social history of capitalism in colonial British America and the United States, with special attention to property, labor, finance, public policy, ideology, and class relations. Course Information: Same as HIST 246. Prerequisite(s): ENGL 161; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

POLS 258. The Judicial Process. 3 hours.
Dispute settlement and policy making in state and federal court systems; judicial decision making and the impact of decisions on the polity. Course Information: Some sections may be offered fully online or in a blended-online and classroom course setting. Consult the Schedule of Classes for the relevant semester to determine the mode of instruction. Use of computer and internet access is required for all online and blended sections. A high-speed connection, while not required, is strongly suggested. Recommended background: POLS 101.

POLS 259. Constitutional Conversations: Contemporary Debates in American Constitutional Law and Politics. 3 hours.
Exploration of contemporary debates about the US Constitution, regarding foundational doctrines: limited government, republicanism, checks and balances, federalism, separation of powers, popular sovereignty, individual liberty, and equal protection. Course Information: Prerequisite(s): POLS 101; or consent of the instructor.

POLS 267. American Intellectual History to 1865. 3 hours.
Major issues in American intellectual history from the contacts of culture begun by European exploration on the land now known as the United States to the end of the American Civil War in 1865. Course Information: Same as HIST 267. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

POLS 268. American Intellectual History since 1865. 3 hours.
Major issues in American intellectual history and the history of ideas from the end of the Civil War to the present. Course Information: Same as HIST 268. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course, and UIC GE US Society course*.

POLS 274. The Politics of Blackness in Latin America. 3 hours.
Examines race, culture, and politics in Latin America from historical and contemporary perspectives with a particular emphasis on the latter half of the 20th century and the beginning of the 21st century. Course Information: Same as BLST 274 and LALS 274. Recommended background: Three credit hours in BLST or LALS or POLS.

POLS 275. Gender in Latin America. 3 hours.
Latin American women in historical perspective from pre-Columbian and Iberian societies to the present. Course Information: Same as GWS 275 and LALS 275. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Past course, and UIC GE World Cultures course*.

POLS 281. United States Foreign Policy. 3 hours.
Internal and external factors that influence formulation and execution of U.S. foreign policy. Major problems of contemporary foreign policy: constitutional, organizational, and intellectual factors. Course Information: Recommended background: POLS 101.

POLS 282. Simulation on Political Organizations. 3 hours.
Theoretical and practical approaches, preparing students for inter-collegiate competitions, role-playing delegates in state, national, international, or legal organizations. Topics vary and include Model United Nations, Model European Union. Course Information: May be repeated to a maximum of 6 hours with approval of the department. Prerequisite(s): Consent of the instructor.

POLS 283. International Political Economy. 3 hours.
Political underpinnings and ramifications of international economic relations. Foreign trade policy, multinational corporations, oil North-South relations, economic warfare. Course Information: Same as INST 283. Recommended background: POLS 184 or INST 184.

POLS 284. International Security. 3 hours.
International conflict and cooperation, including war, nationalism, global inequality, and the environment. Course Information: Same as INST 284. Prerequisite(s): POLS 184 or INST 184 or consent of the instructor.

POLS 286. The United Nations and Other International Organizations. 3 hours.
The development, structure, functioning, and impact of the United Nations and other international organizations. An assessment of their contributions and limitations. Course Information: Recommended background: POLS 184 or INST 184.

POLS 287. International Law. 3 hours.
The nature, scope, and limits of international law in the contemporary world. Examines three dimensions of international law: doctrine, practice, and jurisprudence (case-law). Course Information: Recommended background: POLS 184 or INST 184.

POLS 290. History of Political Thought I. 3 hours.
Western political theorists from ancient Greece and Rome through the end of the classical era, including Thucydides, Plato, Aristotle, Cicero, and Augustine. Course Information: Same as CL 290. Recommended background: POLS 120.

POLS 291. History of Political Thought II. 3 hours.
Western political theorists from the seventeenth century through modern times, including Machiavelli, Hobbes, Locke, Marx, Mill and Nietzsche. Course Information: Recommended background: POLS 120.

POLS 295. Introduction to Marxism. 3 hours.
Examination and evaluation of the basic theories of Marx and Engels to determine their contribution to the understanding of contemporary politics.

POLS 296. Fascism and Dictatorship in Southern Europe and the Mediterranean. 3 hours.
Establishment of fascist and authoritarian regimes in 20th-century Spain, Italy and Greece. Fascist ideology, leadership cult, mass politics, violence and propaganda, uses of antiquity, resistance and consent, legacy and memory of fascism. Course Information: Same as HIST 296 and GKM 296. Taught in English. Prerequisite(s): ENGL 161. *UIC GE Past course*.

POLS 297. American Political Theories. 3 hours.
American political theorists from the colonial period to the present, including Paine, Madison, Hamilton, Thoreau, Calhoun, Sumner, DuBois, and Dewey. Course Information: Recommended background: POLS 120.

POLS 300. Advanced Topics in Political Science. 3 hours.
Selected problems in politics. Course content and format will vary to adapt to the changing political scene. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Junior or senior standing or consent of the instructor.

POLS 301. Internship in Political Science. 6 hours.
Provides students an opportunity to apply theoretical knowledge in “real life” political settings through an internship at governmental agencies, political parties, interest groups, civic associations, international agencies, or law offices. Course Information: Prerequisite(s): Junior or senior standing; at least 12 credit hours in political science, including courses relevant to field experience; GPA of 3.00 in political science; and consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

POLS 302. Great Cities Internship. 6 hours.
Provides students an opportunity to apply theoretical knowledge and conduct research in metropolitan organizations through field placements and seminars. Course Information: Same as UPP 302. Prerequisite(s): Junior or senior standing and grade point average of 3.00, or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

POLS 303. Supervised Readings and Research. 1-3 hours.
Supervised readings and research in political science. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

POLS 305. Honors Course. 3-6 hours.
Independent reading and research for students seeking departmental distinction. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Open only to seniors. Requires approval of the department, a 3.25 University grade point average, and a 3.50 political science grade point average. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

POLS 307. Political Psychology. 3 hours.
Analysis of mass and elite political behavior from the perspectives of several psychological approaches including psychoanalytic, behavioral, humanistic and social psychology theories. Course Information: Prerequisite(s): One course in political science, psychology, or sociology.

POLS 309. Topics in Political Behavior. 3 hours.
Intensive analysis of topics in political behavior. Possible topics include: elections and campaigns, political culture. Course Information: May be repeated to a maximum of 6 hours. Recommended background: POLS 206.

POLS 310. Governing the Megalopolis. 3 hours.
Examination of political/governmental issues in massive metropolitan areas, utilizing the six-county greater Chicago area for example. Course Information: Prerequisite(s): POLS 101 or POLS 200 or the equivalent or consent of the instructor.

POLS 311. Black Politics in the United States. 3 hours.
Historical analysis of Black electoral politics in the U.S., including traditional political party participation and movement politics. Course Information: Same as BLST 306. Prerequisite(s): Three courses in political science, history or sociology, or consent of the instructor.

POLS 312. Topics in Local Politics. 3 hours.
Intensive examination of selected problems of local politics. Actual research involvement. Topics vary. Course Information: Prerequisite(s): POLS 101 and POLS 210.

POLS 329. Seminar on American Politics. 3 hours.
Advanced seminar on special topics in American politics. Content varies. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): POLS 101 and POLS 200; or consent of the instructor. Students seeking to register with instructor approval should contact the academic advisor for Political Science, in addition to securing permission to enroll from the course instructor.

POLS 342. European Union: Politics and Institutions. 3 hours.
An overview of the historical development of the European Union, with a focus on the functioning of its political institutions and policy-making process. Course Information: Prerequisite(s): Recommended background: POLS 130 or INST 130.

POLS 348. Seminar: Political Problems of Developing Societies. 3 hours.
Selected aspects of the politics and countries of Asia, Africa and Latin America. Course Information: Same as LALS 348. Prerequisite(s): POLS 200 and POLS 130; or consent of the instructor.

POLS 349. Topics in Comparative Politics. 3 hours.
Selected problems in comparative politics. Course Information: Same as INST 349. May be repeated to a maximum of 6 hours if topics vary. Prerequisite(s): POLS 130 or INST 130; and POLS 200; or consent of the instructor. Students seeking to register with instructor approval should contact the academic advisor for Political Science, in addition to securing permission to enroll from the course instructor.

POLS 353. Constitutional Law. 3 hours.
Selected constitutional provisions and principles as they developed through Supreme Court interpretation. Major attention given to powers and practices of, and interactions among governmental institutions. Course Information: Prerequisite(s): POLS 101 or consent of the instructor.

POLS 354. The Constitution and Civil Liberties. 3 hours.
Civil rights, including religion, speech, assembly, press, and rights of the accused. Course Information: Prerequisite(s): POLS 101 or consent of the instructor.

POLS 356. Constitutional Law: Women, Gender and Privacy. 3 hours.
A multidisciplinary examination of U.S. constitutional law and politics in shaping issues of gender, privacy, race, and sexual orientation; including reproduction, labor, sexual harassment, political participation, and women and crime. Course Information: Same as BLST 356, and GWS 356. Prerequisite(s): Grade of C or better in POLS 101 or grade of C or better in POLS 112 or grade of C or better in BLST 100 or grade of C or better in BLST 103 or grade of C or better in GWS 101; or consent of the instructor.

POLS 358. Constitutional Law: African-American Legal History. 3 hours.
Survey of the African-American constitutional experience from the 1600s to the present, focusing on landmark decisions of the United States Supreme Court. Course Information: Same as BLST 358.

POLS 359. Topics in Public Law. 3 hours.
Selected problems arising in public law and judicial arenas. Course Information: May be repeated to a maximum of 6 hours if topics vary. Prerequisite(s): POLS 258 or POLS 353 or POLS 354 or POLS 356 or POLS 358 or consent of the instructor.

POLS 384. International Relations Theory. 3 hours.
Philosophical foundations of international relations, including assumptions of anarchy, rationality, power and the state. Applications to security and political economy. Course Information: Prerequisite(s): POLS 283 or POLS 284 or consent of the instructor.

POLS 389. Seminar: Topics in International Relations. 3 hours.
Selected topics in international relations. Topics may vary and may cover global military, economic, cultural, ecological or methodological issues. Course Information: May be repeated to a maximum of 6 hours if topics vary. Prerequisite(s): POLS 184 or INST 184; and POLS 200; or consent of the instructor . Students seeking to register with instructor approval should contact the academic advisor for Political Science, in addition to securing permission to enroll from the course instructor.

POLS 399. Seminar in Political Theory. 3 hours.
Selected topics and problems in political theory. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): POLS 120 and POLS 200; or consent of the instructor. Students seeking to register with instructor approval should contact the academic advisor for Political Science, in addition to securing permission to enroll from the course instructor.

POLS 401. Data Analysis I. 3 or 4 hours.
Statistical inference for the social sciences. Emphasis on univariate and bivariate statistics. Course Information: Same as PPA 401. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): POLS 200 and POLS 201; or graduate standing.

POLS 402. Political Science Data Collection, Wrangling and Visualization. 3 or 4 hours.
Collecting original data using tools typical for Political Science, including web scrapping, data from APIs, Qualtrics, and content analysis of documents. Cleaning data using Excel and R. Wrangling and transforming data. Data visualization. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of B or better in POLS 200 and Grade of B or better in POLS 201; or graduate standing; or consent of the instructor. Undergraduate students seeking to enroll in this course should have experience with data entry.

POLS 405. The Problem of Justice. 3 or 4 hours.
Pre-modern, modern and non-western views of justice and their practical utility in analyzing legislative, executive, and judicial programs for enhancing or restricting justice. Course Information: Same as CLJ 405. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): CLJ 101, plus two 200-level courses in CLJ or two 200-level courses in POLS.

POLS 451. Law and Public Policy. 3 or 4 hours.
The role of law and legal institutions in the development and implementation of public policies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

POLS 459. Advanced Topics in Urban Politics. 3 or 4 hours.
Seminar exploring urban politics theory through readings, discussion, and original research. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): POLS 210; or graduate standing; or consent of the instructor.

POLS 465. Topics in Sociology of Politics. 3 or 4 hours.
Intensive examination of a specialized topic announced when the class is scheduled. Course Information: Same as SOC 465. 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): 6 hours of upper-division sociology or consent of the instructor.

POLS 466. Criminal Governance in Latin America. 3 or 4 hours.
Emergence of criminal politics in Latin America. Engagement of politicians, organized crime actors, and state agents in the pursuit goals (economic, political, personal). Root sources, logic and consequences of this new, prevalent order. Course Information: Same as LALS 466. 3 undergraduate hours. 4 graduate hours.

POLS 467. Public Opinion and Political Communication. 3 or 4 hours.
Nature of public opinion and political communication systems. Patterns of opinion distribution and its measurement. Forces shaping public opinion and its impact on public policy. Course Information: Same as COMM 467. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): POLS 200 or the equivalent or consent of the instructor.

POLS 469. Advanced Topics in American Politics. 3 or 4 hours.
Seminar exploring American politics theory through readings, discussion, and original research. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Grade of B or better in POLS 101 and Grade of B or better in POLS 329; or graduate standing; or consent of the instructor.

POLS 478. Advanced Topics in International Relations. 3 or 4 hours.
Seminar exploring international relations theory through readings, discussion, and original research. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Grade of B or better in POLS 184; and Grade of B or better in POLS 281 or Grade of B or better in POLS 283 or Grade of B or better in POLS 284; or graduate standing; or consent of the instructor.

POLS 479. Advanced Topics in Comparative Politics. 3 or 4 hours.
Seminar exploring comparative politics theory through readings, discussion, and original research. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Grade of B or better in POLS 130 and Grade of B or better in POLS 349; or graduate standing; or consent of the instructor.

POLS 482. Theories of Democracy and Representation. 3 or 4 hours.
Democracy as a procedure of government and value commitments associated with this form of government. Special attention paid to classical and modern democracies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Graduate standing or consent of the instructor.

POLS 485. Gender and Politics. 3 or 4 hours.
Impact of gender on basic categories of western political thought. Distinctions between reason and emotion, public and private, among others, examined from feminist perspective. Course Information: Same as GWS 485. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): One 200-level course in political theory; or consent of the instructor.

POLS 489. Advanced Topics in Political Theory. 3 or 4 hours.
Seminar exploring political theory through reading, discussion, and original research. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Grade of B or better in POLS 290 or Grade of B or better in POLS 291; or graduate standing; or consent of the instructor.

POLS 494. Topics in Political Science. 3 or 4 hours.
Selected Topics in Political Science. Topics vary and may cover American politics, law, urban and global politics, cultural, ecological or methodological issues. Course Information: May be repeated up to 1 time(s). Prerequisite(s): POLS 200; or consent of the instructor.

POLS 497. Directed Readings in Political Science. 4 hours.
Intensive readings on a topic not covered in regular curriculum. Course Information: May be repeated with approval. Approval of the graduate director required to repeat course. Prerequisite(s): Graduate standing and consent of the instructor.

POLS 498. Independent Research in Political Science. 2-6 hours.
Research on special problems not included in course offerings. May not duplicate work done in POLS 598 or POLS 599. Course Information: May be repeated with approval. Approval of the graduate director required to repeat course. Prerequisite(s): Graduate standing and consent of the instructor.

Portuguese (PORT)

Courses

PORT 201. Portuguese Blended: Brazilian Popular Culture I. 4 hours.
Third-semester Portuguese language course that focuses on Brazilian popular culture. This is a hybrid course that combines online and face-to-face activities.Course Information: Extensive computer use required. Prerequisite(s): PORT 240; and sophomore standing or above; or approval of the department. Recommended background: Two semesters of basic Portuguese.

PORT 240. Rapid Portuguese for Romance Language Speakers. 4 hours.
Characteristics of Portuguese grammar from the perspective of Romance Language Speakers, with a linguistic communicative approach to develop the ability of students to understand, speak, read and write in intermediate to advanced level Portuguese. Course Information: This is a blended-online course and classroom course. Use of computer and internet access is required. A high speed connection is strongly suggested. Prerequisite(s): SPAN 202 or ITAL 201 or FR 232; or consent of the instructor.

Psychology (PSCH)

Courses

PSCH 100. Introduction to Psychology. 4 hours.
Survey of basic concepts of contemporary psychology. Introduction to the nervous system, perception, motivation, learning and memory, social behavior, personality, developmental and clinical psychology. Course Information: Students under 18 years of age need parental consent to participate in research experiments that are part of the course. Instructions for obtaining parental consent will be provided during class early in the semester. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course*.

PSCH 184. The Basics of Neuroscience. 1 hour.
Introduction to the scientific study of the brain and behavior. Overview of neuroscience as an integrative discipline. Course Information: Same as PHIL 184 and BIOS 184. Satisfactory/Unsatisfactory grading only.

PSCH 210. Theories of Personality. 3 hours.
Survey of major theoretical approaches to the study of personality and the evidential basis underlying each approach. Course Information: Prerequisite(s): PSCH 100. *UIC GE Individual and Society course*.

PSCH 231. Community Psychology. 3 hours.
Psychological principles, research and interventions concerning community settings; community human services, primary prevention, consultation, advocacy, social ecology, organizational change, and citizen participation. Course Information: Prerequisite(s): PSCH 100. *UIC GE Individual and Society course*.

PSCH 242. Introduction to Research in Psychology. 4 hours.
Techniques and problems associated with the study of behavior. Introduction to statistical inference, probability distributions, sampling, and hypothesis testing (e.g., t-tests). Course Information: Consult the class schedule for details on the method of instruction. Courses taught in online or hybrid formats involve heavy computer usage; computer and internet access are required. Labs will require use of statistical software. Prerequisite(s): Grade of C or better in PSCH 100. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PSCH 262. Behavioral Neuroscience. 3 hours.
Research and theories concerning the physiological bases of behavior. Understanding of basic brain organization with emphasis on neural substrates of learning, motivation and perception. Course Information: Prerequisite(s): PSCH 100.

PSCH 270. Introduction to Psychological and Behavioral Disorders. 3 hours.
A survey course covering the assessment, description, causes, and treatments of many psychological disorders, including depression, anxiety disorders, psychosis, sexual dysfunction, and personality disorders. Course Information: Prerequisite(s): PSCH 100. *IAI Major PSY course, and UIC GE Individual and Society course*.

PSCH 271. Resilience: The Psychology of Positive Adaptation. 3 hours.
An overview of resilience research, definitions, correlates, and causes of successful adaptation in response to stress and adversity. Application on scientifically-validated strategies for improving coping skills and mental health. Course Information: Prerequisite(s): PSCH 100. *UIC GE Individual and Society course*.

PSCH 272. Psychology of Climate Change. 3 hours.
Research and theories concerning human behavioral causes of climate change and evidence-based approaches toward addressing mental health impacts. Emphasis on strategies for individual and systemic behavior change. Course Information: Prerequisite(s): PSCH 100.

PSCH 303. Writing in Psychology. 3 hours.
Teaches students the fundamentals of scientific writing including literature reviews, research reports and book reviews. Students will write a minimum of three papers dealing with psychological topics. Course Information: Prerequisite(s): PSCH 242 and ENGL 161 with a minimum grade of C; MATH 108 or MATH 118 (or the equivalent) with a minimum grade of C or MATH 090; or consent of the instructor. For psychology majors only. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PSCH 312. Social Psychology. 3 hours.
Survey of theory and research in social psychology, emphasizing experimental investigations of attitudes and social cognition, and interpersonal relations and group processes. Course Information: Prerequisite(s): Grade of C or better in PSCH 242.

PSCH 313. Laboratory in Social Psychology. 3 hours.
Conduct laboratory and field experiments in social psychology on problems in attitudes and social cognition, and interpersonal relations and group processes. Course Information: Prerequisite(s): PSCH 343 and credit or concurrent registration in PSCH 312. For Psychology majors only. Class Schedule Information: To be properly registered, students must be enrolled in one Lecture/Discussion and one Laboratory.

PSCH 315. Psychology of Women and Gender. 3 hours.
Critical examination of research on women and gender across the life span, including psychological aspects of reproduction, and the way that gender shapes cognition, sexuality, family, friendship, and work experiences. Course Information: Same as GWS 315. Prerequisite(s): Grade of C or better in PSCH 242 or consent of the instructor.

PSCH 320. Developmental Psychology. 3 hours.
Analysis of research and theory concerning social, cognitive, and biopsychological aspects of human development. Course Information: Prerequisite(s): Grade of C or better in PSCH 242.

PSCH 321. Laboratory in Developmental Psychology. 3 hours.
Survey of dominant research strategies in contemporary developmental psychology. Laboratory experience in developmental research. Course Information: Prerequisite(s): PSCH 343 and credit or concurrent registration in PSCH 320. For Psychology majors only. Class Schedule Information: To be properly registered, students must enroll in one Lecture/Discussion and one Laboratory.

PSCH 324. Cultural Psychology. 3 hours.
A survey of theory, methods, and research in culture and psychology. Examination of how culture is defined and studied and how it affects development, socialization, personality, interpersonal relations, and mental health. Course Information: Prerequisite(s): PSCH 100 and Grade of C or better in PSCH 242.

PSCH 331. Laboratory in Community and Prevention Research. 3 hours.
Examines how researchers conceptualize, design, implement, and evaluate school and community programs to enhance competence, promote empowerment, and prevent behavioral problems. Course Information: Prerequisite(s): PSCH 343 and credit or concurrent registration in PSCH 231. For Psychology majors only. Class Schedule Information: To be properly registered, students must enroll in one Lecture/Discussion and one Laboratory.

PSCH 333. Laboratory in Clinical Psychology. 3 hours.
Laboratory practicum in self-change processes, empirically validated treatments, experimental psychopathology, and clinical assessment development. Course Information: Extensive computer use required. Prerequisite(s): PSCH 343 and credit or concurrent registration in PSCH 210 or PSCH 270. For Psychology majors only. Class Schedule: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

PSCH 340. Psychological Testing. 3 hours.
Introduction to principles of psychological assessment, with an overview of representative techniques. Particular emphasis is placed on objective tests. Course Information: Prerequisite(s): Grade of C or better in PSCH 242 and Grade of C or better in PSCH 270.

PSCH 343. Statistical Methods in Behavioral Science. 4 hours.
Introduction to statistical inference, probability distributions, sampling, hypothesis testing, correlation and analysis of variance. Course Information: Credit is not given for PSCH 343 if the student has credit for IDS 371. Consult the class schedule for details on method of instruction for this course. Course taught in an online or hybrid format involves heavy computer usage; computer and internet access are required. Prerequisite(s): PSCH 242 and ENGL 161 with a minimum grade of C; MATH 105 or MATH 108 (or the equivalent) with a minimum grade of C or satisfactory completion of Math 090. For psychology majors or students in the Neuroscience degree program only. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PSCH 350. Sensation and Perception. 3 hours.
Survey of theories and empirical findings in the study of sensation and perception. Emphasis on human vision and audition as information processing systems. Course Information: Prerequisite(s): Grade of C or better in PSCH 242.

PSCH 351. Laboratory in Perception. 3 hours.
Laboratory practicum in sensation and perception. Course Information: Prerequisite(s): PSCH 343 and credit or concurrent registration in PSCH 350. For psychology majors or students in the neuroscience degree program only. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

PSCH 352. Cognition and Memory. 3 hours.
Survey of experimental findings in human learning, memory, attention, knowledge representation, problem solving, conceptual behavior, and psycholinguistics. Course Information: Prerequisite(s): Grade of C or better in PSCH 242.

PSCH 353. Laboratory in Cognition and Memory. 3 hours.
Laboratory practicum in memory, psycholinguistics, problem solving, and reasoning. Course Information: Prerequisite(s): PSCH 343; and credit or concurrent registration in PSCH 352 or credit or concurrent registration in PSCH 320. For psychology majors or students in the neuroscience degree program only. Class Schedule Information: To be properly registered, students must enroll in one Lecture/Discussion and one Laboratory.

PSCH 354. Knowledge Acquisition. 3 hours.
Introduction to belief formation, conceptual change, cognitive development, discovery and invention, schema abstraction, skill acquisition and other cognitive change processes. Research and practical applications. Course Information: Prerequisite(s): Grade of C or better in PSCH 242.

PSCH 360. Learning and Conditioning. 3 hours.
Principles of learning; emphasis on parameters of acquisition, extinction and retention of classical and instrumental conditioning and stimulus control of reflexive and voluntary behavior. Course Information: Prerequisite(s): Grade of C or better in PSCH 242.

PSCH 361. Laboratory in Learning and Conditioning. 3 hours.
Laboratory practicum in conditioning and simple learning using animal subjects. Emphasis on operant conditioning. Course Information: Animals used in instruction. Prerequisite(s): PSCH 343 and credit or concurrent registration in PSCH 360. For psychology majors or students in the neuroscience degree program only. Class Schedule Information: To be properly registered, students must enroll in one Lecture/Discussion and one Laboratory.

PSCH 363. Laboratory in Behavioral Neuroscience. 3 hours.
Laboratory practicum and demonstrations of research techniques used to study the physiological bases of behavior. Course Information: Animals used in instruction. Prerequisite(s): PSCH 343 and credit or concurrent registration in PSCH 262 or BIOS 286. For psychology majors or students in the neuroscience degree program only. Class Schedule Information: To be properly registered, students must enroll in one Lacture/Discussion and one Laboratory.

PSCH 366. Cognitive Neuroscience. 3 hours.
Survey of neural basis of cognitive processes; perceptual and motor systems, attention, memory, symbolic representation, executive control of behavior. Course Information: Prerequisite(s): Grade of C or better in PSCH 242.

PSCH 367. Laboratory in Cognitive Neuroscience. 3 hours.
Laboratory practicum in attention, memory, decision-making and symbolic cognitive processes. Course Information: Prerequisite(s): PSCH 343 and credit or concurrent registration in PSCH 350 or PSCH 366. For psychology majors or students in the neuroscience degree program only. Class Schedule: To be properly registered, students must enroll in one Lecture and one Laboratory.

PSCH 380. Positive Psychology: The Science of Well-Being. 3 hours.
An introduction to the study of topics related to happiness and the positive aspects human experience and overall well-being. Basic areas of research in positive psychology and the methods that researchers use to study happiness. Course Information: Prerequisite(s): PSCH 210 or PSCH 231 or PSCH 312; and Grade of C or better in PSCH 242.

PSCH 381. Psychology of Interviewing. 3 hours.
The goals of the course are to teach theory, research and practice of interviewing. Students will develop skills for interviewing individuals. Course Information: Prerequisite(s): PSCH 210 or PSCH 231 or PSCH 270 or PSCH 271 or PSCH 312; and Grade of C or better in PSCH 242. For psychology majors only.

PSCH 382. Psychological Interventions. 3 hours.
Application of psychological theories and principles used in psychotherapy and behavior change. Emphasis will be on models for assessment of change, the evaluation of psychotherapy, and selecting appropriate interventions. Course Information: Prerequisite(s): PSCH 210 or PSCH 231 or PSCH 312; and PSCH 270 and a grade of C or better in PSCH 242. For Psychology majors only.

PSCH 384. Psychology of Groups. 3 hours.
Application of psychological theory and research to group functioning and change. Survey of intervention methods emphasizing the development of competence in group participation and leadership. Course Information: Prerequisite(s): PSCH 210 or PSCH 231 or PSCH 312; and Grade of C or better in PSCH 242.

PSCH 385. Field Work in Applied Psychology. 6 hours.
Supervised practicum as a paraprofessional worker for a minimum equivalent of one day (8 hours) per week in a mental health, developmental disabilities, or industrial organizational setting. Course Information: 6 hours. Prerequisite(s): PSCH 340 and PSCH 343; and PSCH 380 or PSCH 381 or PSCH 382 or PSCH 384. For applied psychology majors only. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Practice.

PSCH 386. Crisis Counseling Techniques I. 3 hours.
Application of psychological theories and principles used for telephone crisis counseling, crisis intervention, and referral. Emphasis will be on models for interviewing and assessment and appropriate intervention in crisis situations. Course Information: Prerequisite(s): Grade of C or better in PSCH 242; and PSCH 210 or PSCH 231 or PSCH 270; and consent of the instructor.

PSCH 387. Crisis Counseling Techniques II. 1 hour.
Students will apply skills learned in PSCH 386 as they run weekly support groups providing both peer-to-peer counseling per week in a group format as well as individual peer-to-peer crisis counseling with group members. Course Information: Satisfactory/Unsatisfactory grading only. Field work required. Prerequisite(s): PSCH 386; and consent of the instructor.

PSCH 394. Special Topics in Psychology. 1-3 hours.
Lectures devoted to an announced topic. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Grade of C or better in PSCH 242.

PSCH 396. Directed Research. 1-3 hours.
Participation in ongoing research in psychology under the direction of a faculty member. A final report describing the research and its theory is required. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. A combined maximum of 8 hours of credit in PSCH 387, PSCH 396, PSCH 397, and PSCH 399 may be applied toward the degree. Either PSCH 396 or an additional laboratory course is required for High Distinction in Psychology. Prerequisite(s): PSCH 242 and consent of the instructor. Must consult intructor for permission to enroll.

PSCH 397. Readings in Psychology. 1-3 hours.
Bibliographic research on a special topic under the direction of a faculty member. Paper is required for course credit. Course Information: May be repeated. Students may register in more than one section per term. A combined maximum of 8 hours of credit in PSCH 387, PSCH 396, PSCH 397, and PSCH 399 may be applied toward the degree. Prerequisite(s): PSCH 343 and consent of the instructor. Must consult instructor for permission to enroll.

PSCH 399. Independent Research. 1-4 hours.
Individual research on a special topic under the direction of a faculty member. A paper is required for course credit. Course Information: May be repeated. Students may register in more than one section per term. A combined maximum of 8 hours of credit in PSCH 387, PSCH 396, PSCH 397, and PSCH 399 may be applied toward the degree. Required for earning Highest Distinction in Psychology. Prerequisite(s): PSCH 343; and consent of the instructor and the director of undergraduate studies.

PSCH 411. The Psychology of Racism. 3 hours.
Within our country’s context of racism, you might ask yourself: What is my role in resisting racism? How might I (as a Person of Color) heal from racism and work in solidarity with other People of Color to dismantle White supremacy? Course Information: Prerequisite(s): PSCH 242, graduate standing, or consent of Instructor.

PSCH 415. Social Bases of Health Behavior. 3 hours.
Psychological theory and research concerning the coronary-prone personality, pain management, controlling adherence to medical regimens, biofeedback, smoking, and weight control. Course Information: Prerequisite(s): PSCH 270 and consent of the instructor, or graduate standing.

PSCH 417. Psychology and Law. 3 hours.
Application of psychological theories to the development, operation and effects of law; evaluation of different and similar approaches of law and psychology. Course Information: Prerequisite(s): PSCH 312 or consent of instructor.

PSCH 420. Advanced Social Development of Children in an Urban Context. 3 or 4 hours.
Examines some general principles of children’s (3 -14 years old) social development and socialization and the applicability of these principles for urban-dwelling children. Course Information: Same as EPSY 420. 3 undergraduate hours. 4 graduate hours.

PSCH 422. Advanced Developmental Psychology and Educational Processes. 3 hours.
Focuses on cognitive and social development from birth to early adolescence. Examines relations between development, learning, and educational processes. Course Information: Same as ED 422. Prerequisite(s):PSCH 100 and any one from EPSY 210, PSCH 259, PSCH 320 and consent of the instructor; or graduate standing.

PSCH 423. Characteristics of Early Adolescence. 3 hours.
Physiological, social, emotional and cognitive development of early adolescence. The relationship between these developmental characteristics and success in the middle grades. Course Information: Same as EPSY 446. Prerequisite(s): Admission to a program in psychology or education; or approval of the College of Education or consent of the instructor, EPSY 210 or EPSY 255 or ED 421 or ED 422.

PSCH 424. Social and Emotional Learning: Research, Practice, and Policy. 3 or 4 hours.
Research, theory, educational practices, and federal/state policies that promote the social, emotional, and academic competence of students who are in preschool, middle school, or high school. Course Information: Same as ED 424. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): PSCH 343 or equivalent; or consent of the instructor. Recommended background: Experience working with children or adolescents.

PSCH 429. Constructivist Approaches to Development: Piaget and Vygotsky. 3 hours.
Piaget's and Vygotsky's theories of development of knowledge. Empirical and logico-mathematical forms of knowledge. Thought and action. Thought and language. Course Information: Same as EPSY 429. Prerequisite(s): EPSY 255 or EPSY 426 or ED 422; and senior standing or above; or consent of the instructor.

PSCH 443. Advanced Statistics. 3 hours.
Design and analysis of experiments: between, within factorial and mixed factorial designs and introduction to multiple regression. For students planning research careers or advanced degrees. Course Information: 3 hours. Prerequisite(s): PSCH 343. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

PSCH 459. Cognitive Methods. 3 hours.
Hands-on training in the methods of cognitive psychology, especially computational modeling and the analysis of verbal protocols and other types of trace data. Course Information: Prerequisite(s): Graduate standing or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

PSCH 483. Neuroanatomy. 4 hours.
Organization of the nervous system, with an emphasis on mammals. Course Information: Same as BIOS 483 and NEUS 483. Animals used in instruction. Prerequisite(s): BIOS 286 or PSCH 262 or BIOS 325 or BIOS 272; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

PSCH 484. Neuroscience I. 3 hours.
Neuroscience as an integrative discipline. Neuroanatomy of vertebrates, neural development, cellular neurobiology, action potential mechanisms, synaptic transmission and neuropharmacology. Course Information: Same as BIOS 484 and PHIL 484. Prerequisite(s): BIOS 286 or PSCH 262.

PSCH 485. Neuroscience II. 3 hours.
Integrative neuroscience, including sensory and motor systems; learning, memory, and language; pathology of nervous systems; philosophical perspectives, and modeling. Course Information: Same as BIOS 485 and PHIL 485. Prerequisite(s): BIOS 286 or PSCH 262.

PSCH 494. Special Topics in Psychology. 1-4 hours.
Advanced treatment of an announced topic. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Graduate standing or consent of the instructor.

Public Administration (PA)

Courses

PA 401. Foundations of Public Service. 3 or 4 hours.
Examines political, legal, economic and social environment of public service, internal dynamics of public organizations, relationship between public organizations and external stakeholders, and ethical and moral challenges. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as PA 400. Prerequisite(s): Master of Public Administration or Master of Public Policy or Master of Science in Civic Analytics program or consent of the instructor.

PA 402. Introduction to Data Management and Analysis. 0-4 hours.
Topics and methods related to collecting and analyzing data by government and nonprofit organizations to make better decisions and improve operations. Course Information: 3 undergraduate hours; 4 graduate hours. Previously listed as PA 407. Prerequisite(s): Junior standing or above Admission to the MPA, MPP, or MSCA program; or consent of the instructor.

PA 403. Economics for Management and Policy. 3 or 4 hours.
Basic economic tools and methods relevant to public admin and current policy: opportunity cost, supply and demand, rational choice, production costs, competition vs monopoly, and economic efficiency versus equity, market failure, and public goods. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as PA 410. Prerequisite(s): Master of Public Administration or consent of the instructor.

PA 412. Addressing Public Problems with Data. 3 or 4 hours.
Intended to explore best practices for utilizing data and innovative approaches to application development while ensuring commitment to the public values of access, equity, and sustainability. Course Information: 3 undergraduate hours; 4 graduate hours. Prerequisite(s): Admission to the Master of Public Administration, Master of Public Policy, or Master of Science in Civic Analytics program or consent of the instructor.

PA 421. Public Management. 3 or 4 hours.
Theories, concepts, and applications of management in public organizations. Topics include bureaucracy, public versus private organizations, leadership, motivation, and managing organization change, discretion, and networks. Course Information: Previously listed as PA 415. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Admission to the MPA program or consent of the instructor.

PA 422. Project Management. 4 hours.
A comprehensive review of project management practices and techniques necessary to successfully manage projects in government and non-profit organizations which is rooted largely in Project Management Institute (PMI) standards and practices. Course Information: Previously listed as PA 462.

PA 431. Civic Technology. 3 or 4 hours.
Application of the Internet and related technologies for public management. Topics include, Web-based service delivery, online governance, the technological divide, the use of social media, and the changing role of public managers. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as PA 463. Admission to the Master of Public Administration, Master of Public Policy, or Master of Science in Civic Analytics program or consent of the instructor.

PA 432. Management of Information Technology. 3 or 4 hours.
The management of technology in government and nonprofit organizations, including typical organizational models; technology roles, skills, and leadership; integration of technology with business operations; and common technology challenges. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as PA 461. Prerequisite(s): Admission to the Master of Public Administration, Master of Public Policy, or Master of Science in Civic Analytics program or consent of the instructor.

PA 433. Data Management. 3 or 4 hours.
An overview of the use and leveraging of data in order to allow government and nonprofit organizations to make better decisions and improve operations. Topics to be covered will include the concepts of data management and governance. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as PA 460. Prerequisite(s): Graduate or professional standing; or admission to the MPA program or consent of the instructor.

PA 434. Intermediate Data Management and Analysis. 3 or 4 hours.
Latest practices for gaining better value from data, emphasizing hands-on use and application of data analytics for univariate and bivariate statistics and data visualization. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): PA 402 and Admission to the Master of Public Administration, Master of Public Policy, or Master of Science in Civic Analytics program or consent of the instructor.

PA 435. Geographic Information Systems (GIS) for Public Managers. 4 hours.
Fundamental GIS tools and applications as well as the challenges in implementing and sustaining a GIS function in the public setting. Course information: Prerequisite(s): Latest practices for gaining better value from data, emphasizing hands-on use and application of data analytics for univariate and bivariate statistics and data visualization.

PA 446. Coding for Civic Data Applications. 3 or 4 hours.
Advanced tech skills for coding, transforming, and visualizing data using existing platforms, with an emphasis on R. Topics include functional programming, GitHub and webpage creation, web scraping, Shiny applications, and advanced data visualization. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): PA 402; or PA 434; or consent of the instructor and admission to the Master of Public Administration, Master of Public Policy, or Master of Science in Computer Applications program. Recommended background: Familiarity with coding environments and programming. To be properly registered, students must enroll in one Lecture and one Laboratory.

PA 447. Survey Planning and Design. 3 hours.
Theory and applications of sample survey planning and design for conducting research in health sciences and related fields. Addresses three major topics: survey design and planning, sampling, and data collection procedures. Course Information: Same as CHSC 447. Prerequisite(s): Graduate or professional standing and BSTT 400 and CHSC 446; or approval of the department.Recommended background: Credit in CHSC 446 or the equivalent.

PA 452. The UIC Freshwater Lab Course. 3 or 4 hours.
Brings a Humanities lens to the Great Lakes watershed to examine how water interacts with socio-political systems, legal structures, cultural perceptions, and artistic visions. Course Information: Same as ENGL 452 and UPP 452. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ENGL 160 and ENGL 161.

PA 453. Freshwater Lab in Practice: Environmental Research, Projects, and Internships. 3 or 4 hours.
Investigates key issues surrounding Great Lakes water governance through a combination of hands-on research and professional development in fields related to environmental policy, planning, writing and communication. Course Information: Same as ENGL 453 and UPP 453. 3 undergraduate hours; 4 graduate hours. This course offers an internship placement opportunity. Depending on placement/start date, students may begin internship work during the second half of the semester or during the summer. Prerequisite(s): ENGL 160 and ENGL 161.

PA 464. Technology and Innovation Theory. 4 hours.
The course focuses on theories surrounding the creation, development, transfer, and use of technology. Course Information: Extensive computer use required. Meets eight weeks of the semester. Prerequisite(s): Graduate or professional standing and admission to the Ph.D. in Public Administration program or consent of the instructor.

PA 466. Science, Technology and Public Policy. 4 hours.
Addresses the relationships between public policy and science and technology in the United States. Course Information: Prerequisite(s): Graduate standing; or consent of the instructor and admission to the Ph.D. in Public Administration program or consent of the instructor.

PA 467. Civic Engagement. 3 or 4 hours.
Analytic frameworks and practical strategies for utilizing public participation in government and community decisions. Investigates interactions between civic participation, efforts to improve administration of programs and develop new public policies. Course Information: Same as PPOL 467. 3 undergraduate hours; 4 graduate hours. Previously listed as PA 564. Prerequisite(s): Admission to the Bachelor of Arts in Public Policy or Urban Studies; or admission to the Master of Public Administration or Master of Public Policy or Master of Science in Civic Analytics program; or consent of instructor.

PA 468. Topics in Management and Leadership of Public Organizations. 3 or 4 hours.
Examines management and leadership issues through experiences of current and former public managers, political appointees, elected officials, and other key public leaders. Emphasis on topics from Illinois and Chicago metropolitan region. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Admission to the Master of Public Administration or Master of Public Policy or Master of Science in Civic Analytics program or consent of the instructor.

PA 470. AI & Machine Learning. 3 or 4 hours.
Introduces students to public sector applications of artificial intelligence and machine learning. It begins with the philosophical foundations of artificial intelligence before introducing students to major frameworks for learning. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): PA 402 or PA 434; and admission to the Master of Public Administration or Master of Public Policy or Master of Science in Civic Analytics program or consent of the instructor.

PA 490. Field Experience in Public Policy and Administration. 4 hours.
Students work in an organization such as a government agency, community group, or nonprofit organization. Students are required to submit written work and meet with professor on periodic basis to review work experience. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 4 hours of credit may be applied to the Master of Public Administration program. Field work required. Students who have no prior work experience in the public or non-profit sectors are strongly recommended to register for this course. Prerequisite(s): Admission to the Master of Public Administration or Master of Public Policy or Master of Science in Civic Analytics, Bachelor of Arts in Public Policy, or Bachelor of Arts in Urban Studies program; or consent of the instructor.

PA 494. Special Topics in Public Administration. 3 or 4 hours.
Consideration of timely or enduring issues in public administration not available in regularly offered courses. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Admission to the Master of Public Administration, Master of Public Policy, or Master of Science in Civic Analytics program or consent of the instructor.

Public Health (PUBH)

Courses

PUBH 100. Health and the Public. 3 hours.
Students will examine both historical and contemporary public health stories focusing on the United States to begin to understand the contexts, systems, professions, tools, and skills associated with the public health enterprise. *UIC GE Individual and Society course, and UIC GE US Society course*.

PUBH 105. Public Health Seminar I. 1 hour.
Engages first-year public health students by deepening their knowledge and understanding of careers in the public health arena. Students will develop and refine foundational skills that support successful matriculation into the public health major. Course Information: Satisfactory/Unsatisfactory grading only. Enrollment will be restricted to first year students in the School of Public Health and other students by permission of the instructor.

PUBH 110. Public Health and Global Societies. 3 hours.
Introduces students to global public health through an exploration of health challenges from the local population to global society perspectives. Course Information: Field trip required at a nominal fee. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

PUBH 120. Public Health and the Study of Disease and Epidemics. 3 hours.
Introduces basic principles surrounding the distribution of disease and epidemics in human populations. Through lectures and field exercises, students will learn fundamentals of epidemiology, the basic science of public health. *UIC GE Natural World No Lab course*.

PUBH 130. Introductory Public Health Statistics for Public Health Decision-Making. 4 hours.
An introductory statistics course through the lens of medical, biological, and public health disciplines. Topics covered include study design, sampling, descriptive statistics and basic hypothesis tests for comparing groups. Course Information: Extensive computer use required. Prerequisite(s): Satisfactory grade in MATH 090, or passing grade in MATH 108, or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Natural World No Lab course*.

PUBH 194. Introductory Special Topics in Public Health. 1-3 hours.
Introductory analysis of selected public health challenges and issues. Course Information: May be repeated. Students may register in more than one section per term.

PUBH 200. Exploring Connections between Human Health and the Environment. 3 hours.
Exploration of case studies related to human health and the environment, with engagement from community partners. Students evaluate environmental health issues, human health of workers, and use data to plan advocacy activities. Course Information: Recommended background: PUBH 100 or other course(s) related to Understanding the Individual and Society. *UIC GE Individual and Society course*.

PUBH 205. Public Health Seminar II. 1 hour.
Intended for second year students in the Public Health major, will support students' growth in preparation for work in the public health profession with a focus on applied activities and exercises. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): PUBH 105.

PUBH 299. Undergraduate Public Health Study Abroad. 0-18 hours.
Provides credit for foreign study. Student's proposal for study abroad course work must have prior approval of the BA in Public Health Program. Final determination of credit is made upon the student's completion of the study abroad course work. Course Information: May be repeated to a maximum of 36 hours per academic year or 48 hours per calendar year. Prerequisite(s): Consent of the Bachelor of Arts in Public Health Program and the Study Abroad Office.

PUBH 300. Critical Thinking in Public Health. 4 hours.
Designed to prepare students to make reasoned, intelligent decisions about public health matters by learning about and practicing how to think, read, write, and speak critically. Course Information: Prerequisite(s): Admission to the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health program.

PUBH 301. Epidemiology. 3 hours.
Designed, through applied epidemiology, to prepare students to make reasoned, intelligent decisions about public health matters. Course Information: Prerequisite(s): PUBH 130 or STAT 101 or STAT 130. Recommended background: PUBH 120.

PUBH 310. Public Health and Global Citizenship. 3 hours.
Encourages a critical examination of the political, religious, social and economic influences on the continuum of local/global health and the role citizenship plays in advocating for the equitable distribution of health across the planet. Course Information: Prerequisite(s): Admission to the Admission to the Bachelor of Arts in Public Health or Bachelor of Science in Public Health program. Non-majors who have completed PUBH 110 may enroll with consent of the instructor.

PUBH 320. Public Health Biology. 3 hours.
Human activity has had an impact on the health of people, animals and environments throughout history. This course uses cross-disciplinary frameworks to examine critical issues in public health that can be traced to the impact of modern life. Course Information: Prerequisite(s): PUBH 100; and PUBH 110 or PUBH 120. Recommended Background: PUBH 205 or one additional PUBH course. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

PUBH 330. Health Equity and Health Disparities. 3 hours.
How and why national and local health disparities in the U.S. occur and for what racial and ethnic groups they are most severe. Course Information: No credit given if the student has credit in SOC 426. Students who completed a version of SOC 426 with a topic other than health disparities may receive credit with permission of the instructor. Prerequisite(s): PUBH 100; and PUBH 110 or PUBH 120. Recommended background: PUBH 205 or one additional PUBH course.

PUBH 340. Health Literacy. 3 hours.
Trains students to access, analyze, craft, communicate and use health information in ways that are easily understood and serve to improve public health. Course Information: Prerequisite(s): Admission to the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health program or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

PUBH 345. Critical Thinking and Public Health Communication. 3 hours.
Prepares students to make reasoned, intelligent decisions about public health matters by learning about how to think, read, write, and speak critically and then apply these skills to communicate public health information to a variety of audiences. Course Information: Credit is not given for PUBH 345 if the student has credit in PUBH 300 and PUBH 340. Prerequisite(s): PUBH 100; and PUBH 110 or PUBH 120. Recommended background: PUBH 205 or one additional PUBH course.

PUBH 350. Health Systems, Policy, and Advocacy. 3 hours.
Examines popular perceptions and the reality of how the U.S. Health System is created and evolves. Course Information: Classes will alternate between traditional classroom sessions and guest lectures or off-campus field visits to health system and policy-making experiences. Prerequisite(s): PUBH 100; and PUBH 110 or PUBH 120. Recommended background: PUBH 205 or one additional PUBH course. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion.

PUBH 360. Local Citizenship and Community Health Initiatives. 4 hours.
Explore the concept of community health, identify strategies for developing and implementing community health initiatives, and appreciate community building as an overarching approach for health improvement. Course Information: Field work required. This course entails 3 hours of classroom sessions per week (3 credit hours) and 3 hours of community engagement sessions per week (1 credit hour). Prerequisite(s): PUBH 100; and PUBH 110 or PUBH 120. Recommended Background: PUBH 205 or one additional PUBH course. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

PUBH 370. Applied Public Health Methods. 3 hours.
Opportunities to synthesize and apply knowledge/skills from the preceding core courses, working individually and in groups. Course is linked with the baccalaureate project to be implemented in the last semester of the program. Course Information: Field work required. Prerequisite(s): PUBH 330 and PUBH 345 and PUBH 350 and at least two other 300-level PUBH courses; senior standing in the Bachelor of Arts in Public Health Practice or the Bachelor of Science in Public Health Sciences.

PUBH 390. Sustainability Internship. 3 hours.
Provides an intellectual framework for students to apply classroom learning to hands-on project-based internships that advance the overall mission of greater social, economic and environmental sustainability in the campus community. Course Information: Same as PUBH 390. Students will be placed in internships with UIC departments and units for approximately 8 hours per week. Prerequisite(s): Grade of C or better in US 130; or Grade of C or better in PHYS 116. Open only to sophomores, juniors, and seniors; or consent of the instructor.

PUBH 393. Public Health Fieldwork. 3 hours.
Public Health fieldwork is an integrative practicum experience for students who are undergraduate public health majors. Course Information: Satisfactory/Unsatisfactory grading only. Field work required. Locations are chosen from an array of public health sites established through the SPH Undergraduate Fieldwork Developer. Students are expected to spend a minimum of 90 hours in the field site. Fieldwork schedules may be configured to the mutual benefit of sites and students. Prerequisite(s): Senior standing in the BA or BS in Public Health program or consent of the School of Public Health Undergraduate Fieldwork Developer.

PUBH 394. Advanced Special Topics in Public Health. 1-3 hours.
Intensive analysis of selected public health challenges and issues. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Admission to the BA or BS in Public Health program or consent of the instructor.

PUBH 395. Public Health Seminar III. 1 hour.
Provides opportunities to communicate skills, tools, and content relevant to students' development outside of the regular curriculum. Topics may change depending on student needs, interests, and current events. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Admission to the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health program and junior standing.

PUBH 396. Independent Study in Public Health. 1-3 hours.
Self-directed study of a special public health topic under the guidance of a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor supervising the independent study and approval of the department/school.

PUBH 397. Baccalaureate Project in Public Health. 3 hours.
Implementation and presentation of an integrative project designed to demonstrate students' mastery of the overarching curriculum goals for the undergraduate major in public health; demonstration of critical thinking and analytic skills. Course Information: Satisfactory/Unsatisfactory grading only. Course will meet weekly. The final will entail up to a full day of presentations of the student projects to peers, faculty, and stakeholders. Prerequisite(s): PUBH 370 and Credit or concurrent registration in PUBH 411 and senior standing in the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health program.

PUBH 399. Research in Public Health Sciences - Undergraduate. 1-3 hours.
Research experience under the guidance of a faculty member who will act as a research supervisor. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Previously listed as IPHS 399. Prerequisite(s): Approval of the department or school and consent of the instructor supervising the research experience.

PUBH 410. Historical and Contemporary Public Health Challenges I. 2 hours.
Part one of a two course sequence, historical and contemporary case studies of social movement(s) will be examined to demonstrate the inter-relatedness of social justice, science/medicine, culture, politics, geography and the public's health. Course Information: Prerequisite(s): Senior standing in the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health program or consent of the instructor.

PUBH 411. Historical and Contemporary Public Health Challenges II. 2 hours.
Part two of a two course sequence, historical and contemporary case studies of social movement(s) will be examined to demonstrate the inter-relatedness of social justice, science/medicine, culture, politics, geography and the public's health. Course Information: Prerequisite(s): PUBH 410 and senior standing in the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health program or consent of the instructor.

PUBH 415. Historical and Contemporary Public Health Challenges. 3 hours.
Historical and contemporary case studies of social movements will be examined to demonstrate the inter-relatedness of social justice, science/medicine, culture, politics, geography, and the public's health. Course Information: Credit is not given for PUBH 415 if the student has credit in PUBH 410 and PUBH 411. Prerequisite(s): PUBH 100; and PUBH 110 or PUBH 120. Recommended background: One additional PUBH course.

PUBH 420. Public Health Problem Solving: Epidemiology in Action!. 3 hours.
Through student driven discourse, hands-on projects and instructor facilitated case studies, this course is designed to hone previously learned epidemiological principles and apply them to simulated field conditions. Prerequisite(s): PUBH 120 and senior standing in the Bachelor of Arts in Public Health or the Bachelor of Science in Public Health program or consent of instructor.

Public Policy (PPOL)

Courses

PPOL 100. Individual Action and Democratic Citizenship. 3 hours.
Seeks to enhance understanding of the role of the individual as democratic citizen in shaping policy issues and outcomes in today's world. Course information: Previously listed as PA 100. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Individual and Society course*.

PPOL 101. Contemporary Issues in Public Policy. 3 hours.
Examines contemporary policy issues and provides students with the tools to identify and analyze information on the past and current policy making and the role of individual and institutional factors in the policy making process. *UIC GE Individual and Society course, and UIC GE US Society course*.

PPOL 105. Programming and Data Analysis for Public Policy I. 3 hours.
Introduces students to key programming skills in Excel and R for data management, data visualization, and descriptive statistical analysis for policy making.

PPOL 196. Special Topics: Public Policy. 3 hours.
Special topics in public policy such as: nonprofit management, racial equity analysis in public administration, deliberative democracy and civic analytics.

PPOL 205. Programming and Data Analysis for Public Policy II. 3 hours.
Provides students with the data, programming, and inferential statistical skills needed to inform basic policy and management decision making. Course Information: Extensive computer use required. Prerequisite(s): PPOL 105.

PPOL 210. Introduction to Public Policy. 3 hours.
Introduces students to public policy and the policy-making process. Course Information: Previously listed PA 210. *UIC GE US Society course*.

PPOL 212. Evidence-Based Public Policy. 3 hours.
Discusses the role of evidence in the policy process in various policy domains such as health, fiscal, educational, and environmental. It covers different types of evidence, including experimental, statistical, and qualitative evidence. *UIC GE US Society course*.

PPOL 220. Introduction to Civic Technology. 3 hours.
Introduces students to smart cities, open data, government transparency, ethics, hacktivism, digital inclusion, civic innovation, and data-driven decision making. *UIC GE US Society course*.

PPOL 230. Nonprofit Organizations and Civil Society. 3 hours.
Introduction to the US nonprofit sector and examines the social, political, and economic impact of these organizations in American society from roughly 1870 to today. Historical emphasis on events that have shaped the modern American nonprofit sector. Course Information: Previously listed as PA 230. *UIC GE Past course, and UIC GE US Society course*.

PPOL 231. Social Policy and Inequality in the U.S. 3 hours.
Provides a basic introduction to social policy and inequality in the United States, examines the history of social welfare policies and programs in the US, and explores American cultural values and attitudes. Course Information: Previously listed as PA 231. *UIC GE US Society course*.

PPOL 232. International Development Policy. 3 hours.
Provides a basic introduction to globalization and international development, and how public policy can shape and address them. Course Information: Previously listed as PA 232. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

PPOL 240. Environmental Policy. 3 hours.
Provides an introduction to political, economic and social dimensions of environmental policy and teaches methods needed to understand, evaluate, design and implement environment policies, especially in the United States. Course Information: Previously listed as PA 240. *UIC GE US Society course*.

PPOL 296. Special Topics in Public Policy. 3 hours.
Special topics in public policy such as: nonprofit management, racial equity analysis in public administration, deliberative democracy and civic analytics.

PPOL 300. Urban Policy and Metropolitan Governance. 3 hours.
Basic structure of the policy process within the urban context including the nature of urban policy, its formulation, evaluation, and implementation. Emphasis on state and local policy development as it relates to urban areas. Course Information: Previously listed as PA 300. Field work required. Prerequisite(s): Admission to the BA in Public Policy or Urban Studies and college-level Microeconomics; or consent of the instructor.

PPOL 303. Policy Implementation and Management. 3 hours.
Policy implementation, management, organizing, budgeting, finance, leadership, motivation, economic development, accountability, ethics, legal and constitutional foundations. Course Information: Previously listed as PA 303. Prerequisite(s): PPOL 210 and admission to the BA in Public Policy or Urban Studies; or consent of the instructor.

PPOL 305. Policy Analysis. 3 hours.
Policy analysis and approaches to assessing policy problems and alternatives in the U.S. context. Course Information: Previously listed as PA 305. Prerequisite(s): PPOL 210 and admission to the BA in Public Policy or Urban Studies or consent of the instructor.

PPOL 307. Policy Analysis III: Identifying and Developing Alternatives. 3 hours.
Policy analysis and approaches to assessing policy problems and alternatives in the U.S. context. Course Information: Previously listed as PPOL 211. Prerequisite(s): Grade of C or better in ENGL 161; and PPOL 210.

PPOL 309. Public Budgeting and Financial Management. 3 hours.
Government budgeting, financial, management and the reciprocal relationship between government and the economy. Course Information: Same as US 309. Previously listed as PA 309. Prerequisite(s): PPOL 210 and admission to the BA in Public Policy or Urban Studies; or consent of the instructor.

PPOL 330. Introduction to Managing Public and Nonprofit Organizations. 3 hours.
Provides an introduction to managing public organizations and the public aspects of nonprofit organizations. Examines the context of public and nonprofit management and consider ways to evaluate and understand organizations. Course Information: Prerequisite(s): PPOL 230.

PPOL 396. Special Topics in Public Policy. 3 hours.
Special topics in public policy such as: nonprofit management, racial equity analysis in public administration, deliberative democracy and civic analytics. Course Information: Recommended Background: PPOL 100 and PPOL 210.

PPOL 405. Evaluating Public Policies and Programs. 3 or 4 hours.
Designed to introduce students to research methods used in the social sciences to evaluate public programs. There is an overview of evaluation, understanding why we do evaluations and theories impacting evaluations and research design. Course Information: 3 undergraduate hours. 4 graduate hours. Previously listed as PA 405. Prerequisite(s): PPOL 205.

PPOL 430. Fundraising and Development for Nonprofit Organizations. 3 or 4 hours.
Designed to help students learn why and how US nonprofit organizations secure philanthropy through charitable giving. Students will be exposed to knowledge, strategies, best practice principles and scholarly research. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): PPOL 230.

PPOL 467. Civic Engagement. 3 or 4 hours.
Analytic frameworks and practical strategies for utilizing public participation in government and community decisions. Investigates interactions between civic participation, efforts to improve administration of programs and develop new public policies. Course Information: Same as PA 467. 3 undergraduate hours; 4 graduate hours. Prerequisite(s): Admission to the MPA program or consent of instructor.

PPOL 490. Field Experience in Public Policy and Administration. 4 hours.
Students work in an organization such as a government agency, community group, or nonprofit organization. Students are required to submit written work and meet with professor on periodic basis to review work experience. Course Information: Same as PA 490. Satisfactory/Unsatisfactory grading only. May be repeated. A maximum of 4 hours of credit may be applied to the Master of Public Administration program. Field work required. Students who have no prior work experience in the public or non-profit sectors are strongly recommended to register for this course. Prerequisite(s): Graduate standing required and admission to the MPA program or consent of the instructor.

PPOL 491. Internship Experience in Public Policy and Urban Studies. 3 hours.
Students are required to do practical experience through an internship or job placement approved by the College of Urban Planning and Public Affairs. Course Information: Same as US 491. Satisfactory/Unsatisfactory grading only. May be repeated. Previously listed as UPA 491. Field work required. Prerequisite(s): Sophomore standing or above; or consent of the instructor.

PPOL 496. Special Topics in Public Policy. 3 or 4 hours.
Special topics in public policy, such as: nonprofit management, racial equity analysis in public administration, deliberative democracy and civic analytics. Course Information: 3 undergraduate hours. 4 graduate hours. Recommended Background: PPOL 100; and PPOL 210.

PPOL 499. Independent Study in Public Policy. 1-3 hours.
Provides an opportunity for students to pursue an independent project that is not available through the required Public Policy coursework. Course Information: Previously listed as PA 499. May be repeated for a maximum of 6 hours. Prerequisite(s): Admission to the BA in Public Policy program or consent of the instructor.

Public Policy Analysis (PPA)

Courses

PPA 401. Data Analysis I. 3 or 4 hours.
Statistical inference for the social sciences. Emphasis on univariate and bivariate statistics. Course Information: Same as POLS 401. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): POLS 200 and POLS 201; or graduate standing.

Real Estate Studies (RES)

Courses

RES 250. Real Estate Principles. 3 hours.
Introduction to real estate, including principles of finance, investments, accounting, management, marketing, and statistic. Provides background necessary for additional courses in real estate.

RES 420. Real Estate Market Analysis. 3 or 4 hours.
Analysis of real property markets, including land, buildings, and improvements. Course Information: 3 undergraduate hours. 4 graduate hours. Graduate students will complete a term project to meet the additional credit hour requirement. Prerequisite(s): ECON 120.

RES 425. Real Estate Valuation. 3 or 4 hours.
Introduction to the valuation of real estate, with focus on the underlying determinants of location value. Course Information: 3 undergraduate hours. 4 graduate hours. Graduate students will complete a term project to meet the additional credit hour requirement. Prerequisite(s): ECON 120.

RES 440. International Real Estate Markets. 3 or 4 hours.
Survey and analysis of issues related to international real estate markets, with an emphasis on North American and Asia. Course Information: 3 undergraduate hours. 4 graduate hours. Graduate students will complete a term project to meet the additional credit hour requirement. Prerequisite(s): ECON 120.

RES 450. Real Estate Data Analysis. 3 or 4 hours.
Analysis of real estate data using statistical software programs, with an emphasis on housing data. Course Information: Extensive computer use required. 3 undergraduate hours. 4 graduate hours. Graduate students will complete a term project to meet the additional credit hour requirement. Prerequisite(s): ECON 120.

RES 460. Commercial Real Estate. 3 or 4 hours.
Fundamentals of the commercial real estate, including mortgages and investment analysis. Course Information: 3 undergraduate hours. 4 graduate hours. Graduate students will complete a term project to meet the additional credit hour requirement. Prerequisite(s): FIN 300.

RES 470. Real Estate Investments. 3 or 4 hours.
Introduction to investment in real estate, with focus on types of investment and analysis of investment performance. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Graduate students will complete a term project to meet the additional credit hour requirement. Prerequisite(s): FIN 300.

RES 472. Real Estate Finance. 3 or 4 hours.
Finance principles applied to real estate; financing of residential and income-producing real estate; real estate development finance; secondary mortgage market; taxation and real estate finance. Course Information: Same as FIN 472. 3 undergraduate hours. 4 graduate hours. Previously listed as ECON 472. May not be used to satisfy the economics credit requirement for the MA in Economics and PhD in Economics. Only elective credit will be applied toward these degrees. Graduate students will complete a term project to meet the additional credit hour requirement. Prerequisite(s): FIN 300.

RES 494. Topics in Real Estate. 1-4 hours.
An intensive study of a selected topic in real estate. Course Information: May be repeated if topics vary. Students may register for more than one section per term. May be repeated to a maximum of 6 hours for undergraduates; may be repeated to a maximum of 8 hours for graduate students. Prerequisite(s): RES 250 and FIN 300; or FIN 301 and FIN 302.

RES 499. Research Experience. 1-3 hours.
Independent student research experience under the supervision of a faculty member. The faculty member and student will determine a specific, discipline appropriate research project to complete within the semester and submit a written report. Course Information: Extensive computer use required. Prerequisite(s): Consent of the instructor and Department Head.

Religious Studies (RELS)

Courses

RELS 100. Religion in Human Experience. 3 hours.
Introduction to basic questions about religion, focusing on the theological and philosophical ways in which humans have sought to understand faith, transcendence, and the nature of god(s). *UIC GE Individual and Society course*.

RELS 101. Introduction to World Religions. 3 hours.
A historical survey of the origins and development of several of the world's largest religions, including but not limited to Buddhism, Hinduism, Judaism, Christianity, and Islam. *UIC GE World Cultures course*.

RELS 106. What Is Religion? 3 hours.
Examination of issues concerning religion, including varying views of the purposes that religions serve, differences between religions, and arguments for the existence of God. Course Information: Same as PHIL 106. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course*.

RELS 117. Understanding the Holocaust. 3 hours.
Examines the Holocaust of European Jewry as the result of antisemitic ideology and the development of modern German political forces; implementation of the Final Solution. Course Information: Same as HIST 117 and JST 117. *UIC GE Individual and Society course, and UIC GE Past course*.

RELS 120. Catholic Thought: An Introduction. 3 hours.
Introduction to the main topics, interests, and methods of Catholic thought. Course Information: Same as CST 120. *UIC GE Past course*.

RELS 121. Introduction to Judaism. 3 hours.
Introduction to the Jewish religion as it has developed from its roots in the Hebrew Bible until today, emphasizing its central texts and concepts. Same as JST 101. *UIC GE Individual and Society course*.

RELS 122. Minority Perspectives in the Germanic Context. 3 hours.
Investigation of the challenges and/or opportunities of multicultural societies by examining in a socio-historical context texts created by members of Europe's ethnic, religious, and national minorities. Course Information: Same as GER 122 and JST 122. No credit toward a major or minor program offered by the Department of Germanic Studies. Lectures, discussion, and readings in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

RELS 123. Introduction to Yiddish Culture and Literature. 3 hours.
Yiddish culture in Europe and the U.S. in socio-historical context. Focus on the role of Yiddish in conceptions of secular, cultural, religious, national Jewish identities. Course Information: Same as GER 123 and JST 123. No credit toward a major or minor program offered by the Department of Germanic Studies. Lectures, discussion, and readings in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

RELS 124. Introduction to the Hebrew Bible. 3 hours.
A study of the Five Books of Moses (a.k.a Torah or Pentateuch) within the contexts of the ancient Near East and biblical literature. Course Information: Same as CL 124 and JST 124. Taught in English. *UIC GE Past course*.

RELS 125. Black Religious Traditions. 3 hours.
Introduction to the religious history of black people in the United States and the diaspora. Examination of religious institutions, the role of religion in black social and political movements, mass rebellions, and revolts. Course Information: Same as BLST 125. *UIC GE Past course, and UIC GE US Society course*.

RELS 126. Introduction to Jewish History. 3 hours.
Overview of Jewish history from Biblical times until the present. Topics will range from second Temple Judea and the beginning of the diaspora through 21st-century Jewish life in America and Israel. Course Information: Same as JST 102. *UIC GE Individual and Society course, and UIC GE Past course*.

RELS 127. Diaspora, Exile, Genocide: Aspects of the European Jewish Experience in Literature and Film. 3 hours.
Literature and films on European Jewish responses to anti-Semitism and persecution in a historical context to reveal the condition of post-Enlightenment German-speaking Jewish and Yiddish-speaking societies. Course Information: Same as GER 125 and JST 125. No credit toward a major or minor program offered by the Department of Germanic Studies. Taught in English. *UIC GE Past course, and UIC GE World Cultures course*.

RELS 128. The Jesus Movement and the New Testament. 3 hours.
Investigates the Jesus movement from its beginnings as a small Jewish reform sect through its development into the religion known as Christianity. Uses New Testament writings as primary sources for reconstructing the past. Course Information: Same as CL 128 and CST 128. *UIC GE Past course*.

RELS 130. Introduction to Islam. 3 hours.
Introductory study of the religion, culture, and present variety of Islam in Islamic countries and in the West. *UIC GE World Cultures course*.

RELS 150. Catholicism in U.S. History. 3 hours.
The Catholic experience in the United States from its colonial origins to the present. Course Information: Same as CST 150 and HIST 150. *UIC GE US Society course*.

RELS 175. Understanding the Bible as Literature. 3 hours.
A broad overview of various literary genres in the Bible such as origin narrative, historical narrative, poetry, wisdom literature, prophetic/ apocalyptic literature, parable, and epistle. Course Information: Same as ENGL 175. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Creative Arts course*.

RELS 177. Middle Eastern Civilization. 3 hours.
Introduction to the culture and society of the Middle East, with special attention to the development of Islam and the consequences of westernization. Course Information: Same as HIST 177. Course is offered in both face-to-face and hybrid/ online formats. Check the class schedule for details. When taught online or hybrid, students will be required to have reliable internet access and a means for accessing it (computer preferable). Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Past course, and UIC GE World Cultures course*.

RELS 208. Classical Mythology. 3 hours.
Intensive study of the gods and heroic sagas of the cultures of the ancient Mediterranean world, through original sources in translation. Course Information: Same as CL 208. All readings are in English. *UIC GE Individual and Society course, and UIC GE Past course*.

RELS 215. Anthropology of Religion. 3 hours.
Exploration of varieties of religious experience, including magic and witchcraft, with emphasis on non-Western religions and the role of religious institutions in social integration. Course Information: Same as ANTH 215. Prerequisite(s): ENGL 161. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

RELS 220. Buddhist Art and Architecture. 3 hours.
A chronologically and thematically organized survey of Buddhist art and architecture in Asia and beyond. Course Information: Same as AH 220 and GLAS 220. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

RELS 222. Phil in the Islamic World. 3 hours.
Survey of philosophy in the Islamic world from 8th century until today. Topics include: logic and psychology to metaphysics, theology, and politics. Special emphasis on cultural interactions between philosophers of different faiths and cultures. Course Information: Same as ARAB 222 and PHIL 222. Prerequisite(s): One non-javascript:;logic course in philosophy or consent of the instructor.

RELS 225. Topics in Muslim-Jewish Relations. 3 hours.
Muslim-Jewish interactions from the rise of Islam until contemporary times, the relationship between Biblical and Quranic materials, the Jewish and Islamic interpretive tradition and the legal systems of the two religious traditions. Course Information: Same as CL 225 and JST 225.

RELS 230. Topics in Islam. 3 hours.
Topics, issues, and methodologies in Islamic studies. Course Information: May be repeated if topics vary. Recommended background: ENGL 160. *UIC GE World Cultures course*.

RELS 231. Topics in Jewish Thought. 3 hours.
Survey of major topics in Jewish theology, philosophy, ethics and political thought. Course Information: Same as JST 230. May be repeated if topics vary. Recommended Background: JST 101 or the equivalent.

RELS 232. The Religious World of the Earliest Christians. 3 hours.
Explores the religious world of the earliest Christians, focusing on the ways in which early Christian ideas and practices arose out of the cultures, religions, and philosophies of the ancient Mediterranean basin. Course Information: Same as CL 232 and HIST 232. *UIC GE Past course*.

RELS 233. Topics in Religious Studies. 3 hours.
Study of a specific topic in religious studies. Course Information: May be repeated if topics vary.

RELS 240. Philosophy and Revelation: Jewish and Christian Perspectives. 3 hours.
Introduction to philosophical ways of addressing the claim that a book (the Bible, the Quran) comes from God. Texts by Immanuel Kant, Moses Mendelssohn, and Soren Kierkegaard, among others. Course Information: Previously listed as RELS 141. Same as PHIL 240 and JST 240. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

RELS 241. Philosophy of Religion. 3 hours.
Philosophical inquiry into the grounds of faith and belief, the nature of religious and mystical experience, and the existence and nature of God. Course Information: Same as PHIL 241. Prerequisite(s): One non-logic course in philosophy or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture.

RELS 242. The History of Jewish Biblical Interpretation. 3 hours.
Jewish interpretation of the Hebrew bible. A survey of the span of Jewish history and the wide range of cultural contexts that have impacted the understanding of the Torah. Course Information: Same as CL 242 and JST 242. *UIC GE Past course*.

RELS 243. The Archaeology of Buddhism. 3 hours.
The development, spread, integration, and decline of Buddhism in many parts of Asia. The study of material culture as a way of reconstructing and understanding the religious past. Course Information: Same as ANTH 243. Prerequisite(s): ENGL 161.

RELS 246. Sociology of Religion. 3 hours.
Analysis of the structures and functions of religious institutions in modern society.Special attention to the interplay between religion and other social phenomena, such as economics, politics, and secular culture. Course Information: Same as SOC 246. Occasional field trips. Prerequisite(s): One social sciences Course Distribution Credit (CDC) course and sophomore standing. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice. *UIC GE Individual and Society course, and UIC GE US Society course*.

RELS 250. Eastern and Western Philosophies of Religion. 3 hours.
Eastern and Western philosophies of religion: Hinduism, Buddhism, Judaism, and Christianity. Course Information: Same as INST 250. *UIC GE World Cultures course*.

RELS 255. Religious Diversity: Conceptual and Practical Issues. 3 hours.
The facts of religious diversity and the questions raised by them. Special attention to Catholic Christian perspectives, treating them from secular and other religious perspectives.

RELS 256. Religion in American History. 3 hours.
A survey of the varieties of religious experience in American history from the sixteenth to the twentieth-first centuries, with emphasis on group formation and the social and cultural consequences of American religious diversity. Course Information: Same as HIST 256. Prerequisite(s): ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Past course, and UIC GE US Society course*.

RELS 257. Religious Diversity in the Healthcare Fields. 3 hours.
Explores the intersection of religion and healthcare with the goal of preparing future healthcare providers to engage with diverse religious perspectives and behaviors in healthcare settings.

RELS 279. The Qur'an: A Historical and Cultural Approach. 3 hours.
Introduction to the text, history of interpretation, and the cultural significance of the Qur'an. Course Information: Previously listed as RELS 330. Taught in English. Recommended background: RELS 130.

RELS 292. Major Religious Thinkers. 3 hours.
An examination of one or more major/classical thinkers and their writings. Course Information: May be repeated if topics vary. Previously listed as RELS 320. Prerequisite(s): RELS 100, 101, 115, 215, or 241.

RELS 293. Following Dante: The Moral Imagination of the Divine Comedy. 3 hours.
Love. Justice. Redemption. In this class, we journey with a medieval poet whose timeless vision brings sinners, saints, and seekers to life—and reveals what it means to be human. Course Information: Same as CL 293 and ITAL 293. Previously listed as RELS 193. Taught in English. *UIC GE Creative Arts course, and UIC GE Past course*.

RELS 294. Topics in Catholic History. 3 hours.
An investigation of the impact of human migration and cultural pluralism on Catholicism and an analysis of the role of the Catholic Church in group relations. Topics will vary. Course Information: Same as CST 294 and HIST 294. May be repeated if topics vary.

RELS 295. Topics in Catholic Thought. 3 hours.
Critical investigation of a topic or topics central to the development of Catholic thought, carried on by study of its proponents and opponents. Topics will vary. Course Information: Same as CST 295. May be repeated if topics vary.

RELS 296. Topics in Jewish Studies. 3 hours.
How Jews became a modern ethnic group, how their experiences compare with other ethnic groups, and how their experiences in modern times vary from nation to nation. Course Information: Same as JST 296. May be repeated to a maximum of 6 hours.

RELS 311. Gender and Sexuality in Early Christianity and Judaism. 3 hours.
Examination of the root of contemporary perspectives on gender and sexuality in the early traditions of Judaism and Christianity including the Bible, the Epic of Gilgamesh, the Church Fathers, the Talmud, and legends of the saints. Course Information: Same as GWS 311 and JST 311.

RELS 337. Latino/a Religions in the US. 3 hours.
How Latinx communities venerate ancestors and deities, create and remake sacred space, practice healing, and organize politically through the lens of of documentaries, fiction and literature, visual art, and ethnographic studies. Course Information: Same as LALS 337.

RELS 376. Literature and Religion. 3 hours.
Studies in the relation of literature to doctrines, imagery, practices, experiences, or history of one or more religious traditions. Course Information: Same as ENGL 376. Previously listed as RELS 343. Recommended background: Any of ENGL 101, 105, 175, or 207-209.

RELS 392. Major Problems in Religious Studies. 3 hours.
In-depth examination of a major topic or problem in religious thought. Topics will vary. Course Information: May be repeated if topics vary. Prerequisite(s): At least one course in religious studies.

RELS 394. Topics in Catholic History and Culture. 3 hours.
Exploration of various topics in Catholic history and culture. Course Information: Same as CST 394 and HIST 394. Prerequisite(s): One course in history or Catholic studies; or consent of the instructor.

RELS 395. Topics in Jewish Studies. 3 hours.
Selected topics in Jewish culture and history. Course Information: Same as JST 394. May be repeated to a maximum of 9 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

RELS 399. Independent Study. 1-3 hours.
Selected topics for individual study. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Sophomore standing or above; and consent of the instructor. Recommended Background: Two courses in religious studies.

RELS 420. Advanced Studies in Jewish Religion. 3 or 4 hours.
In-depth study of a period or mode of Jewish religious development or textual production, or an examination of a religious tenet or practice across various historical periods. Topics will vary.Course Information: Same as JST 420. 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s) if topics vary. Prerequisite(s): JST 101; and JST 230 or JST 242 or JST 254.

RELS 422. Studies in Medieval Philosophy. 0-4 hours.
Study of selected philosophers such as Boethius, Avicenna, Aquinas, William Ockham, and selected issues such as the relationship between faith and reason, the nature of reason, the nature of human cognition, the nature of morality. Course Information: Same as PHIL 422. 3 undergraduate hours. 4 graduate hours. May be repeated if topics or figures vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level philosophy course; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture.

RELS 430. Advanced Studies in Jewish Thought. 3 or 4 hours.
Advanced topics in Jewish theology, philosophy, ethics or political thought. Course Information: Same as JST 430. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): One 100-level and one 200-level course in Jewish Studies.

RELS 441. Topics in Philosophy of Religion. 3 or 4 hours.
Intensive study of one or more selected topics concerning the philosophical aspects of basic religious beliefs and concepts. Course Information: Same as PHIL 441. 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Approval to repeat course granted by the department. Prerequisite(s): One non-logic 200-level course in philosophy; or consent of the instructor.

RELS 446. Race, Ethnicity, and Gender in American Religion. 3 or 4 hours.
Religious institutions in the U.S. as a crucible for racial, ethnic, and gender identities, group formation, and intergroup relations; major world religions represented in the U.S. Course Information: Same as SOC 446. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 100 and junior standing or above; or consent of instructor.

RELS 475. The Bible as Literature: Hebrew Bible. 3 or 4 hours.
Literary analysis of genres and themes of the Hebrew Bible and close reading of the biblical texts. Sources of the Bible and their historical context. Course Information: Same as ENGL 475 and JST 475. 3 undergraduate hours. 4 graduate hours. Previously listed as RELS 478. Taught in English. Recommended background: Any of ENGL 175 or ENGL 207-209.

RELS 476. The Bible as Literature: New Testament. 3 or 4 hours.
Literary analysis of the New Testament and its historical and religious contexts, focusing on the gospels and Pauline letters. Course Information: Same as ENGL 476. 3 undergraduate hours. 4 graduate hours. Previously listed as RELS 479. Recommended background: Any of ENGL 175, 207-209, 475.

RELS 494. Topics in Jewish Studies. 3 or 4 hours.
Selected topics in Jewish studies. Course Information: Same as JST 494. 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 6 hours if topics vary. Prerequisite(s): JST 101 or JST 102 or consent of the instructor.

RELS 495. Topics in Religious History. 3 or 4 hours.
Specific topics are announced each term. Course Information: Same as HIST 495. 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): 3 hours of history or consent of the instructor.

Russian (RUSS)

Courses

RUSS 101. Elementary Russian I. 4 hours.
Basics of Russian grammar and vocabulary. Reading and discussing the culture and modern life of Russia. Course Information: Taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): For students who have had no formal work in Russian.

RUSS 102. Elementary Russian II. 4 hours.
Continues RUSS 101. Course Information: This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): RUSS 101; or appropriate score on the department placement test.

RUSS 103. Intermediate Russian I. 4 hours.
Futher study of Russian grammar and vocabulary. Reading and discussing the culture and modern life of Russia. Introduction to expository, persuasive and argumentative styles. Course Information: This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): RUSS 102; or appropriate score on the department placement test.

RUSS 104. Intermediate Russian II. 4 hours.
Continuation of RUSS 103. Futher study of Russian grammar and vocabulary. Reading and discussing the culture and modern life of Russia. Introduction to expository, persuasive and argumentative styles Course Information: This class is taught in a blended format. Internet access is required. A high-speed connection is strongly recommended. Prerequisite(s): RUSS 103; or appropriate score on the department placement test. *IAI GECC Humanities course*.

RUSS 115. Russian Culture Before the Revolution. 3 hours.
The main trends of Russian thought and manners from the beginning to the Revolution: literature, philosophy, religion, art, architecture, intellectual life. Audio-visual emphasis. *IAI GECC Humanities course, and UIC GE World Cultures course*.

RUSS 116. Russian Culture: The Soviet Period. 3 hours.
The transformation of Russian culture after 1917: literature, art, architecture, philosophy, intellectual trends; emphasis on the ideology of Socialist Realism. Audio-visual emphasis. *IAI GECC Humanities course, and UIC GE World Cultures course*.

RUSS 120. The Russian Short Story in Translation. 3 hours.
Introduction to important Russian short stories of the nineteenth and twentieth centuries; the elements of fiction; close analysis of literary texts. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE World Cultures course*.

RUSS 130. Masterpieces of Russian Literature in Translation. 3 hours.
Introduction to Russian novellas and novels of the nineteenth and twentieth centuries. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE World Cultures course*.

RUSS 140. Understanding the Body: Health, Gender, and Disability in Russian Culture. 3 hours.
Introduction to the theoretical understanding and representation of the body through examples of Russian literature and arts. Course explores such topics as illness, health, reproduction, disability, gender, and power. Course Information: Taught in English. Extensive computer use required. No knowledge of Russian language or culture required. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

RUSS 150. Introduction to Russian Cinema. 3 hours.
Introduction to major themes, trends, and techniques of Russian/Soviet cinema. Explores film as an expression of social reality and political ideology. Comparisons drawn with American cinema. Course Information: Taught in English. Films screened with English subtitles. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

RUSS 201. Advanced Russian through Media and Film. 3 hours.
Development of advanced language skills through the study of Russian media and film from a variety of periods. In-depth analysis of past and present Russian cultural artifacts. Prerequisite(s): RUSS 104; or appropriate score on the department placement test.

RUSS 202. Advanced Russian through Contemporary Culture. 3 hours.
Development of skills in spoken and written Russian, within the context of contemporary Russian culture, via a variety of sources, such as: news articles, comics, music. Prerequisite(s): RUSS 104; or appropriate score on the department placement test.

RUSS 203. Advanced Russian through Short Stories. 3 hours.
Development of advanced language skills: writing, reading, listening comprehension, and speaking. Exploration and analysis of Russian cultural tropes within the context of short stories. Course Information: May be repeated for a maximum of 6 hours. May be repeated if topics vary. Prerequisite(s): RUSS 104; or appropriate score on the department placement test.

RUSS 239. Twentieth-Century Russia in Film. 3 hours.
Survey of social, political and cultural development of the Russian Empire and Soviet Union through the use of film as a historical source. Course Information: Same as HIST 239 and MOVI 239. Prerequisite(s): ENGL 160 or completion of any 100-level history course. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Past course*.

RUSS 241. Dostoyevsky. 3 hours.
Selected short stories and novels. Course Information: Taught in English. *UIC GE Creative Arts course*.

RUSS 242. Tolstoy. 3 hours.
Discussion of selected short stories and plays. Course Information: Taught in English. *UIC GE Creative Arts course*.

RUSS 244. Women in Russian Literature. 3 hours.
Major works by and about women in Russian literature: experiences of women and societal attitudes toward them. Course Information: Same as GWS 244. Taught in English. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

RUSS 247. Literature and Fantasy in Russia. 3 hours.
Fantasy as a literary genre. Comparison of the artistic strategies employed by works of literature and film into which the fantastic intrudes in the form of alternate states of consciousness such as dream, inebriation, and madness. Course Information: Taught in English. Prerequisite(s): Sophomore standing or above; or consent of the instructor. *UIC GE Creative Arts course*.

RUSS 248. Russian Visual and Material Culture. 3 hours.
Non-textual manifestations of Russian culture such as painting, sculpture, architecture, design and decorative arts in a way that emphasizes how an object's compositional medium relates to its aesthetic and functional purposes. Course Information: Same as AH 248. Taught in English. Prerequisite(s): Completion of ENGL 160; or any 100-level RUSS or AH course. *UIC GE Creative Arts course*.

RUSS 321. Great Russian 19th-Century Novels and the European Tradition. 3 hours.
Reading and interpretation of various 19th-century novels, including, but not limited to, the works of Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, and Tolstoy. Emphasis on the socio-historic and intellectual context of these works. Course Information: Taught in English. Prerequisite(s): Junior standing or above; or consent of the instructor.

RUSS 330. Art and Politics: Soviet and Post-Soviet Literature. 3 hours.
An examination of various Russian literary and aesthetic practices with a focus on how writers defined their art vis-à-vis its contribution to or autonomy from the ideological goals of the Soviet state. Course Information: Taught in English.

RUSS 399. Independent Study. 1-3 hours.
Investigation of special problems under the general direction of a staff member. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Junior standing, consent of the instructor and the head of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

RUSS 410. Structure of Modern Russian. 3 or 4 hours.
Introduction to Russian morphology and phonology. Examination of the Russian language as a system with particular attention to verb conjugation and noun declension, with the goal of improving students' practical language skills. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): RUSS 201; and credit or concurrent registration in RUSS 202; or consent of the instructor.

RUSS 440. Topics in Russian Culture and Cultural Studies. 3 or 4 hours.
Exploration of various topics in Russian culture through an interdisciplinary prism, addressing intersections between visual and verbal arts as well as high and popular culture. Content varies.Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 6 hours for undergraduate students or 8 hours for graduate students, if topics vary, and with consent of the instructor. Taught in English. All texts are available in English. Students pursuing a major or minor in Russian, or an MA or PhD in Slavic Studies, will be required to read primary texts in the target language. Prerequisite(s): Junior standing or above; or consent of the instructor.

RUSS 460. Topics in Russian Literature. 3 or 4 hours.
Study of a major author, movement, genre, or special topic. Content varies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 time(s) if topics vary. Taught in English. Prerequisite(s): Consent of the instructor Junior, senior, or graduate standing. Or consent of the instructor.

RUSS 499. Independent Study. 1-4 hours.
Investigation of special problems under the general direction of a staff member. Course Information: May be repeated to a maximum of 8 hours. Graduate students may register for more than one section per term. Prerequisite(s): Senior or graduate standing, consent of the instructor and the head of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Slavic and Baltic Languages and Literatures (SLAV)

Courses

SLAV 460. Topics in Central and Eastern European Literature and Culture. 3 or 4 hours.
Study of a time period, movement, genre, or special topic. Course Information: 3 undergraduate hours. 4 graduate hours. Same as CEES 460. May be repeated up to 2 time(s), with consent of the instructor, and if topics vary. Prerequisite(s): Junior standing or above; or consent of the instructor.

SLAV 499. Independent Study. 1-4 hours.
Investigation of special problems under the general direction of a staff member. Course Information: May be repeated to a maximum of 8 hours. Graduate students may register for more than one section per term. Prerequisite(s): Senior or graduate standing, consent of the instructor and the head of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

Social Justice (SJ)

Courses

SJ 101. Introduction to Social Justice: Stories and Struggles. 3 hours.
Introduction to the study of social justice through personal narrative, memoir, and biographies of individuals engaged in social and political change. The linkages between individual and broader social and political struggles. *UIC GE Individual and Society course*.

SJ 201. Theories and Practices of Social Justice. 3 hours.
Critical exploration of major theories of social justice, histories of major social justice movements, and theories and analyses of injustice that ignited these movements. Course Information: Prerequisite(s): ENGL 160. *UIC GE US Society course*.

SJ 294. Topics in Social Justice. 1-3 hours.
Study of a problem, topic, or issue relevant to the interdisciplinary area of Social Justice. Content Varies. Course Information: May be repeated for a maximum of 9 hours. Recommended Background: SJ 101.

SJ 301. Social Justice Capstone. 4 hours.
Interdisciplinary exploration of community engagement through a combination of academic course work and service learning activity that examines dynamics of social justice work and organizing practices. Course Information: Field work required. Requires 40 hours of service learning over the semester.Prerequisite(s): SJ 101 and SJ 201. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

Sociology (SOC)

Courses

SOC 100. Introduction to Sociology. 3 hours.
Analysis of human societies, organizations and groups, and the interrelations among individuals, groups, and societies. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture-Discussion. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 105. Social Problems. 3 hours.
Contemporary social problems examined from the perspectives of social institutions, culture, inequality, organizations and groups, political and economic structure, social change, and social policy. Course Information: May be substituted for SOC 100 as a prerequisite for other sociology courses. *IAI GECC Soc/Behav Sci course, and UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 120. Introduction to Asian American Studies. 3 hours.
Overview of Asian American experiences and perspectives in socio-historical context. Introduction to major concepts, issues, and debates in the field of Asian American Studies. Course Information: Same as GLAS 120. Previously listed as SOC 125. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Lecture. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 201. Introductory Sociological Statistics. 4 hours.
An introduction to the basic statistical methods used in the analysis of sociological data. 3 hours of lecture and 2 hours of laboratory per week. Course Information: Prerequisite(s): SOC 100 or SOC 105; and either MATH 090, MATH 105, or MATH 108 or the equivalent; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

SOC 207. Racism: Global Perspectives. 3 hours.
An introduction to global, transnational, and comparative perspectives on racism. Analysis of race and racism not only in the United States, but also in Africa, the Middle East, Latin America, Europe, and other contexts. Course Information: Same as BLST 207. Prerequisite(s): ENGL 160 or ENGL 161. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

SOC 212. Human Sexuality: Social Perspectives. 3 hours.
Historical and cultural perspectives on contemporary American sexuality; knowledge, attitudes, and practices; sexuality over the life cycle, socialization; affection, interpersonal attraction; marriage, law, other institutions. Course Information: Prerequisite(s): SOC 100.

SOC 215. Sociology of Childhood and Youth. 3 hours.
Explores the meanings and social position of children and youth in society and examines how contemporary ideas about these categories emerged. Course Information: Prerequisite(s): SOC 100 or SOC 105; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 224. Gender and Society. 3 hours.
Sociological perspectives on gender as a factor in social stratification; gender role acquisition; individual and social consequences of changing social definitions of gender roles. Course Information: Same as GWS 224. Prerequisite(s): SOC 100 or GWS 101 or GWS 102. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 225. Racial and Ethnic Groups. 3 hours.
Sociological and social-psychological analysis of racial, religious, and other ethnic groups; consideration of historical and current social problems arising from their relationships in society. Course Information: Same as BLST 225 and LALS 225. Prerequisite(s): SOC 100; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 226. Latinas in the United States. 3 hours.
Socioeconomic conditions and cultural experiences of Latinas in the U.S. Historical and contemporary views of labor, health, education, family, identity formation and leadership. Course Information: Same as GWS 276 and LALS 276. Grade of C or better in ENGL 160; Grade of C or better or concurrent registration in ENGL 161. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 228. Sociology of Asia and Asian Americans. 3 hours.
Asian and Asian-American culture, institutions, and organization; immigration, population, settlement patterns; occupations and poverty; family and ethnic identification; inequality and politics; values, prejudice, discrimination. Course Information: Same as GLAS 228. Prerequisite(s): SOC 100. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 229. Sociology of Latinos. 3 hours.
Examines social, political and economic issues affecting Latino groups. While focusing on the process of racialization, the course also examines immigration, language rights, gender and sexuality, labor market, media, and youth. Course Information: Same as LALS 229. Prerequisite(s): SOC 100 or LALS 102 or SOC 105 or LALS 103; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 231. Criminology. 3 hours.
Introductory survey of theories exploring the origins, organization, meanings, and control of crime. Course Information: Same as CLJ 220. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *IAI Major CRJ course*.

SOC 241. Social Inequalities. 3 hours.
Dimensions of inequality: economy, education, housing, health care; power, status and self-esteem; inequality, and social policy. Course Information: Prerequisite(s): SOC 100. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 244. Sociology of Work. 3 hours.
Impact of bureaucracy, technology, and automation; changing composition of labor force: women, youth, elderly, racial and ethnic minorities; international comparisons; policy implications. Course Information: Prerequisite(s): SOC 100 or SOC 105; or consent of the instructor. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 245. Marriage and Family. 3 hours.
The family as an interactional system, an organization, and a social institution; extended family ties, mate selection, marital roles, socialization, marital dissolution, family life course and change. Course Information: Prerequisite(s): SOC 100. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 246. Sociology of Religion. 3 hours.
Analysis of the structures and functions of religious institutions in modern society.Special attention to the interplay between religion and other social phenomena, such as economics, politics, and secular culture. Course Information: Same as RELS 246. Occasional field trips. Prerequisite(s): One social sciences Course Distribution Credit (CDC) course and sophomore standing. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 251. Health and Medicine. 3 hours.
Health care systems; special emphasis on United States; dimensions of wellness and sickness including mental health; health providers, organizations, and institutions and their relations. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 258. Race and Urban Life. 3 hours.
Examines the experiences of Blacks in urban areas since the 1900's. Course Information: Same as BLST 258.

SOC 265. Sociology of Politics. 3 hours.
The exercise of power and power structures; alternative political systems; relationship between state and society; political attitudes, participation, and organizations; political change, reform, and revolution. Course Information: Prerequisite(s): SOC 100. *UIC GE Individual and Society course*.

SOC 268. Introduction to Comparative Sociology. 3 hours.
Comparisons of population, culture, economics, politics, and social relations among contemporary societies. Relations among institutional areas and among societies. Course Information: Prerequisite(s): 3 hours of social science courses. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

SOC 271. Race and the Politics of Incarceration. 3 hours.
Examines how incarceration and criminalization affects black people in contemporary society. Course Information: Same as BLST 271 and CLJ 271. Prerequisite(s): Grade of C or better or concurrent registration in BLST 100 or Grade of C or better or concurrent registration in SOC 100 or Grade of C or better in CLJ 101. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 276. Urban Sociology. 3 hours.
Examination of the history, patterns, and consequences of urban places and life in those places. Course Information: Prerequisite(s): SOC 100. *UIC GE Individual and Society course, and UIC GE US Society course*.

SOC 280. Data and Society. 3 hours.
Examines how data changes society and how those changes differ by social group. Learn how data-driven products and services obtain data, and how those products/services use that data. Includes data science lab to explore and visualize data using R. Course Information: Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory.

SOC 285. Politics, Algorithms and People. 3 hours.
Political and digital lives have become intertwined with the importance of social media, social media activism, and politics. Explores political agency and political sociology in a digitized society.

SOC 290. Sociology Major Orientation and Success. 2 hours.
Introduces sociology majors to issues relevant to academic success and orients them to the UIC sociology department's intellectual life, resources and opportunities. Emphasis on exploring sociological interests and career paths. Course Information: Satisfactory/Unsatisfactory grading only. Students are advised to enroll in the course within one or two semesters after declaring the major. Prerequisite(s): SOC 100 or SOC 105; or consent of the instructor.

SOC 296. Supervised Study or Research. 1-3 hours.
Special projects arranged in advance by faculty or student initiative. Course Information: May be repeated to a maximum of 9 hours with approval. Students may register in more than one section per term. Approval to repeat course granted by the department. Prerequisite(s): 9 hours of sociology, consent of the instructor, and approval of the department prior to registration. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

SOC 298. Internship in Sociological Applications. 3 hours.
Placement in a university or external organization where students participate in a project using sociological skills under the direction of a field supervisor. Course Information: Prerequisite(s): SOC 201 and SOC 202; and approval of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

SOC 300. Introduction to Sociological Research Methods. 4 hours.
Survey of the principal methods of social research; problem and concept formation, research design, sampling reliability, internal and external validity, control of alternative explanations, ethical responsibilities of researchers. Course Information: Previously listed as SOC 202. Prerequisite(s): Sophomore standing or above; and one 100 or 200-level course in Sociology; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

SOC 385. Introduction to Sociological Theory. 3 hours.
A survey of the major approaches to explaining social pheomena drawn from representative nineteenth and twentieth-century social theorists. Emphasis on present-day applicability of these approaches. Course Information: Prerequisite(s): Sophomore standing or above and two 200-level elective courses in sociology or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

SOC 401. Sociological Statistics. 4 hours.
Descriptive and inferential statistics for graduate and advanced undergraduate sociology majors and related fields. Tests of means, regression, correlation, analysis of variance, and related topics. Course Information: Prerequisite(s): SOC 201 and two additional 200-level sociology electives; or graduate standing or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

SOC 402. Intermediate Sociological Statistics. 4 hours.
Covers general linear models emphasizing regression, analysis of variance and covariance, simple structural equation models, simple categorical methods and elementary matrix algebra. Course Information: Prerequisite(s): SOC 401. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

SOC 407. Seminar in Comparative Racialization. 3 or 4 hours.
Provides an interdisciplinary and comparative approach to the making and remaking of "race" and the resultant racialized experiences of different groups in the U.S. and globally. Course Information: Same as BLST 407. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): BLST 207 or SOC 207 or BLST 225 or SOC 225 or LALS 225; and senior standing or above; or consent of the instructor.

SOC 409. Senior Research Practicum. 3 hours.
Provides students with an opportunity to conduct their own sociological research. Over the course of the semester, students will refine a research question, gather and analyze data, and draft an academic paper based on their results. Course Information: Prerequisite(s): Credit or concurrent registration in SOC 201 and SOC 300; and Sociology majors in their final year of undergraduate study; and consent of the instructor.

SOC 422. Chicanas and Latinas: Self and Society. 3 hours.
The experiences of Chicanas and Latinas through the lens of contemporary sociological research. Topics to be discussed include: community formation and activism, feminisms, sexuality, religion, health, family, immigration, education, work, media, etc. Course Information: Same as LALS 422.

SOC 424. Sociology of Gender. 3 or 4 hours.
Variety and change in gender roles; patterns and consequences of gender inequality; gender and sexuality; gender and social institutions such as family, economy. Course Information: Same as GWS 425. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 224, or any 100 or 200-level GWS course and an additional 200 or 300-level elective in sociology or gender and women studies; Junior standing or above; or graduate standing; or consent of the instructor.

SOC 425. Race and Ethnicity. 3 or 4 hours.
Critical examination of the conceptual frameworks and empirical findings in the study of race and ethnicity. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 225 an additional 200- or 300- level elective in Sociology; or consent of the instructor.

SOC 426. Topics in Race, Ethnicity, and Gender. 3 or 4 hours.
Intensive examination of a specialized topic in race, ethnicity and gender. The specific topic of the course varies depending on the faculty offering it. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 times. Students may register in more than one section per term. Prerequisite(s): SOC 224; or SOC 225; and junior standing or above and an additional 200 or 300-level elective in sociology; or consent of the instructor.

SOC 428. Asian/Asian American Women in the Global Economy. 3 or 4 hours.
Examines the racialization and feminization of a global division of labor and focuses primarily on Asian and Asian American women's participation and incorporation as workers and key actors in the development of the global economy. Course Information: Same as GLAS 428 and GWS 428. 3 undergraduate hours; 4 graduate hours. Previously listed as ASAM 428. Prerequisite(s): At least one GLAS or GWS or SOC course; or consent of the instructor.

SOC 433. Latin American Migration to the U.S. 3 or 4 hours.
Latin American migration to the U.S. International migration theories, family remittances, transnational linkages, dual citizenship, and past and current U.S. immigration policy debates. Course Information: Same as LALS 433. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): One course in LALS or SOC; or consent of the instructor.

SOC 440. Topics in Organizations and Institutions. 3 or 4 hours.
Intensive examination of a specialized topic announced when the class is scheduled. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 2 times. Students may register in more than one section per term. Prerequisite(s): SOC 244 or MGMT 340, and an additional 200-level sociology elective, and junior standing; or consent of the instructor.

SOC 441. Social Stratification. 3 or 4 hours.
The nature of systems of differentiation and ranking in societies and their consequences; emphasis on class structure in the United States; prestige, status, power, and social mobility in the United States and other societies. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 241 and an additional 200 or 300-level elective in Sociology; and Junior standing or above; or consent of the instructor.

SOC 444. Race and Gender in Organizations. 3 or 4 hours.
Examines how organizations operate in society, creating racial/gender inequalities and making space for resistance, and how race and gender are constructed and embodied in them. Course information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 244 or MGMT 340.

SOC 445. Sociology of the Family. 3 or 4 hours.
Variety and change in family patterns; family formation and break-up; parents' and childrens' effects on each other; influences of culture and political economy; consequences for other institutions. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 224, or SOC 245 and an additional 200 or 300-level Sociology elective; and Junior standing or above; or consent of the instructor.

SOC 446. Race, Ethnicity, and Gender in American Religion. 3 or 4 hours.
Religious institutions in the U.S. as a crucible for racial, ethnic, and gender identities, group formation, and intergroup relations; major world religions represented in the U.S. Course Information: Same as RELS 446. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 246 and an additional 200 or 300- level elective in Sociology; and Junior standing or above; or consent of instructor.

SOC 447. Organizations. 3 or 4 hours.
Characteristics of business, government, and not-for-profit organizations; approaches used to study organizations; theoretical and empirical analysis of organizational processes. Course Information: Same as MGMT 447. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 241 or MGMT 340 or SOC 244 and an additional 200 or 300-level elective in sociology; and junior standing or above; or consent of the instructor.

SOC 448. Sociology of Development. 3 or 4 hours.
Historical, economic, political, social, and geographic factors shaping national and international development experiences and outcomes. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): 6 hours of upper-division social science courses or consent of the instructor.

SOC 451. Medical Sociology. 3 or 4 hours.
Survey of major topics in sociology of health and medicine including social definitions of health and illness, patient practitioner interaction, the organization of health institutions and professions. Course Information: 3 undergraduate hours. 4 graduate hours.

SOC 455. Topics in Medical Sociology. 3 or 4 hours.
Intensive examination of a specialized topic announced when the class is scheduled. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): SOC 451 or consent of the instructor.

SOC 465. Topics in Sociology of Politics. 3 or 4 hours.
Intensive examination of a specialized topic announced when the class is scheduled. Course Information: Same as POLS 465. 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): 6 hours of upper-division sociology or consent of the instructor.

SOC 471. Population. 3 or 4 hours.
The measurement and study of major trends and differentials in fertility, mortality, migration, growth, and compositional characteristics of the population of the United States and other nations. Course Information: Same as EPID 471. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 201 and an additional 200 or 300-level course in sociology; and junior standing or above; or consent of the instructor.

SOC 473. Cities and Regions. 3 or 4 hours.
Characteristics, conditions, and consequences of structure and change of cities and metropolitan regions. Spatial, political economy, cultural perspectives. Census, ecological, historical, comparative data for cities. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 201 and an additional 200 or 300-level course in sociology; and junior standing or above; or consent of the instructor.

SOC 474. Latinx Youth: Coming of Age in the U.S. 3 or 4 hours.
Discursive and cultural positioning of Latina/o/x youth in the US. Explores how youth shape identity, culture, education, politics, community. Using concept of intersectionality, explores links to gender, class, and sexuality. Course Information: 3 undergraduate hours; 4 graduate hours. Same as GWS 476 and LALS 476.

SOC 476. Topics in Urban Sociology. 3 or 4 hours.
Intensive examination of a specialized topic announced when the class is scheduled. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): 6 hours of upper-division sociology or consent of the instructor.

SOC 485. Classical Social Theory. 3 or 4 hours.
Survey and analysis of classical European and American social theory. Examination of how theorists such as Marx, Weber, Durkheim, Veblen and Park defined and described society within their own social contexts and how we derive meaning from these theories. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 385; and senior standing or above; or consent of the instructor.

SOC 487. Current Social Theory. 3 or 4 hours.
Review and evaluation of major currents in sociological theory since the 1940s. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SOC 385; and senior standing or above; or consent of the instructor.

SOC 490. Igniting Sociological Futures: Senior Capstone Experience. 4 hours.
Focuses on sociological concepts, competencies and complete a hands-on experience with a community organization while developing a professional portfolio highlighting their accomplishments and preparing them for their professional and educational goals. Course Information: Previously listed at SOC 400. Field work required. Prerequisite(s): SOC 300 and SOC 385; and senior standing or above; and one 400-level elective in sociology; and consent of the instructor. Enrollment is restricted to sociology majors in their last year of study. Class Schedule information: To be properly registered, students must enroll in one Lecture and one Discussion.

SOC 496. Independent Study or Research. 1-9 hours.
Extensive readings in specialized areas of sociology or empirical research for advanced undergraduate or graduate students. Course Information: May be repeated with approval. Students may register in more than one section per term. Approval to repeat course granted by the department. Undergraduate students may repeat course for maximum of 9 hours of credit. Prerequisite(s): 18 hours of sociology, excluding SOC 296 and SOC 299, consent of the instructor, and approval of the department. Class Schedule Information: This course counts toward the limited number of independent study hours accepted toward the degree and the major.

SOC 499. Senior Thesis. 1-4 hours.
Individual study for students working on a senior thesis under the supervision of a faculty advisor. This course is required for students graduating with highest departmental distinction. Course Information: May be repeated to a maximum of 8 hours, with approval of the department. Students may register for more than one section per term. Previously listed as SOC 299. Prerequisite(s): SOC 490; and senior standing or above; and consent of the instructor.

Spanish (SPAN)

Courses

SPAN 101. Elementary Spanish I. 4 hours.
First course in the four-semester program where students learn Spanish through real-world tasks. The purpose is to learn Spanish in order to use it beyond the classroom in meaningful and authentic ways and the Novice-mid level of proficiency. Course Information: Extensive computer use required. Field work required. Class is taught in Spanish, at a level appropriate for the course; the main purpose is not grammar learning. Course includes: regular in-classroom interactions, substantial reading and listening tasks for homework, regular class presentations, and one exploratory visit to a Hispanic neighborhood in Chicago. One credit hour takes place online, plus homework. Prerequisite(s): Appropriate score on the department placement test.

SPAN 102. Elementary Spanish II. 4 hours.
Second course in the four-semester program where students learn Spanish through real-world tasks. The purpose is to learn Spanish in order to use it beyond the classroom in meaningful and authentic ways and at the novice-high level of proficiency. Course Information: Extensive computer use required. Field work required. Class is taught in Spanish, at a level appropriate for the course; the main purpose is not grammar learning. Course includes: regular in-classroom interactions, substantial reading and listening tasks for homework, regular class presentations, and one exploratory visit to a Hispanic neighborhood in Chicago. One credit hour takes place online, plus homework. Prerequisite(s): SPAN 101; or appropriate score on the department placement test.

SPAN 103. Intermediate Spanish I. 4 hours.
Third course in the four-semester program where students learn Spanish through real-world tasks. The purpose is to learn Spanish for use beyond the classroom in meaningful and authentic ways and at the Intermediate-low level of proficiency. Course Information: Extensive computer use required. Field work required. Class is taught in Spanish, at a level appropriate for the course; the main purpose is not grammar learning. Course includes: regular in-classroom interactions, substantial reading and listening tasks for homework, regular class presentations, and one exploratory visit to a Hispanic neighborhood in Chicago. One credit hour takes place online, plus homework. Prerequisite(s): SPAN 102; or appropriate score on the department placement test.

SPAN 104. Intermediate Spanish II. 4 hours.
Last course in the four-semester program where students learn Spanish through real-world tasks. The purpose is to learn Spanish to use it beyond the classroom in meaningful and authentic ways and at the Intermediate-mid level of proficiency. Course Information: Extensive computer use required. Field work required. Class is taught in Spanish, at a level appropriate for the course; the main purpose is not grammar learning. Course includes: six 30-minute face-to-face interactions with native speakers of Spanish from Latin America and Spain via TalkAbroad; regular in-classroom interactions, substantial reading and listening tasks for homework; regular class presentations; and one exploratory visit to a Hispanic neighborhood in Chicago. One credit hour takes place online, plus homework. Prerequisite(s): SPAN 103; or appropriate score on the department placement test. *IAI GECC Humanities course*.

SPAN 113. Spanish for Heritage Speakers I. 4 hours.
Introduction to reading and writing for students who already possess basic to intermediate communicative skills in the language. Content focuses on the Latino experience in the U.S. Emphasis on critical language awareness. Course Information: Extensive computer use required. Class is taught entirely in Spanish. One credit hour takes place online, plus homework. Use of a computer and internet access is required. Prerequisite(s): Appropriate score on the department placement test or the equivalent AP or IB test score.

SPAN 114. Spanish for Heritage Speakers II. 4 hours.
Reading and writing for students who already possess advanced communicative skills in the language. Content focuses on the Latino experience in the U.S. Emphasis on critical language awareness. Course Information: Extensive computer use required. Class is taught entirely in Spanish. One credit hour takes place online, plus homework. Use of a computer and internet access is required. Prerequisite(s): Appropriate score on the department placement test; or the equivalent AP or IB test score; or successful completion of Spanish 113. *IAI GECC Humanities course*.

SPAN 192. Latin American Women Writers in Translation. 3 hours.
Introduction to literature by Latin American women from the seventeenth century to the present. Focus on the role literature has played in the negotiation of gender identities in the private and the public spheres. Course Information: Same as GWS 192, and LALS 192. Taught in English. Extensive computer use required. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

SPAN 196. Totalitarianism, Writing and Cinema. 3 hours.
An introduction to French, Spanish, and Italian writing and films dealing with the issue of totalitarianism. Various authors are examined within a broad context of European thinking on totalitarianism. Course Information: Same as FR 196, and ITAL 196. Taught in English. Two additional hours for viewing films (every two weeks). Prerequisite(s): Consent of the instructor.

SPAN 200. Spanish Conversation and Basic Writing. 3 hours.
Practice of conversational strategies for developing communicative competence in Spanish. Short essay composition for developing writing competence in Spanish. Review of basic grammatical structures. Course Information: Not open to fluent Spanish speakers. Prerequisite(s): Grade of C or better in SPAN 104.

SPAN 202. Spanish Grammar in Practice. 3 hours.
A review of the grammar of Spanish language. Covers all topics from the structure and components of the nominal phrase to the sentence. Course Information: Prerequisite(s): Grade of C or better in SPAN 104 or Grade of C or better in SPAN 114; or appropriate score on the department placement test.

SPAN 203. Extensive Reading and Writing for Non-Native Speakers of Spanish. 3 hours.
Develops students' linguistic, rhetorical, organizational, and analytical skills in Spanish composition, as well as reading and critical thinking skills in Spanish. Course Information: Open only to non-native speakers of Spanish. Prerequisite(s): Grade of C or better in SPAN 104; and Credit or concurrent registration in SPAN 202; and completion of the university writing requirement.

SPAN 204. Extensive Reading and Writing for Heritage Speakers of Spanish. 3 hours.
Develops students' linguistic, rhetorical, organizational, and analytical skills in Spanish composition, as well as reading and critical thinking skills in Spanish. Course Information: Open only to heritage speakers of Spanish. Prerequisite(s): Grade of C or better in SPAN 114; and Credit or concurrent registration in SPAN 202; or consent of the instructor; completion of the university writing requirement.

SPAN 206. Introduction to Hispanic Linguistics. 3 hours.
General introduction to the major areas of linguistic analysis: phonology, syntax, meaning, and variation. Preparation for formal research in the field of linguistics. Course Information: Prerequisite(s): Credit or concurrent registration in SPAN 202.

SPAN 207. European Cinema. 3 hours.
An overview of the major developments in European cinema from the post-World II period to the present. Course Information: Same as GER 207 and MOVI 207. Prerequisite(s): ENGL 160. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

SPAN 210. Introduction to the Formal Analysis of Hispanic Texts. 3 hours.
Formal and content analysis of Hispanic essays, short stories and novels, poems, and plays. Application of basic literary concepts through the writing of critical and argumentative analysis. Course Information: Prerequisite(s): Grade of C or better in SPAN 202; and Credit or concurrent registration in SPAN 203 or Credit or concurrent registration in SPAN 204 and completion of the university writing requirement.

SPAN 212. Cultural and Literary Studies in Spain and/or Latin America. 3 hours.
Prepares students to examine problems of cultural and literary analysis from a theoretical perspective. It will provide a broader overview for the more focused topic courses at the 300 level. Course Information: Prerequisite(s): Sophomore standing or above and Grade of C or better in SPAN 210. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion.

SPAN 220. Spanish for Business and Law I. 3 hours.
Introduction to conversation, composition, and grammar, emphasizing usage specific to the areas of business and law. Familiarizes students with the legal and business culture in the Hispanic world. Course Information: Prerequisite(s): Credit or concurrent registration in SPAN 202; and completion of the university writing requirement; or approval of the department. Recommended background: Grade of C or better or concurrent registration in SPAN 203 or Grade of C or better in SPAN 204.

SPAN 221. Spanish for Health Personnel I. 3 hours.
Develops students' communicative competence in Spanish in the medical and health field through the introduction of specialized vocabulary and communication skills. Course Information: Prerequisite(s): Credit or concurrent registration in SPAN 202; and completion of the university writing requirement; or approval of the department. Recommended background: Grade of C or better or concurrent registration in SPAN 203 or Grade of C or better or concurrent registration in SPAN 204.

SPAN 224. Bilingual/Bicultural Hispanic American Writers. 3 hours.
Introduces students to the phenomenon of the bilingual and bicultural Hispanic American writer. Course Information: Taught in English. Prerequisite(s): Completion of the University Writing Requirement. *UIC GE US Society course*.

SPAN 225. Spanish and Latin American Culture through Literature and Film. 3 hours.
Introduces students to the Hispanic cultures, both Peninsular and Latin American, as represented in literature and film throughout the 20th and 21st centuries. Course Information: Same as MOVI 225. Taught in English. Two hours per week to view films. Prerequisite(s): Completion of the university writing requirement. Class Schedule Information: To be properly enrolled, students must register for one Lecture/Discussion and one Lab. *UIC GE World Cultures course*.

SPAN 226. Early Modern Spanish and Colonial Latin American Literature and Culture in Translation. 3 hours.
Introduces students to a variety of Early Modern Peninsular and Colonial Latin American literary texts and other cultural artifacts in translation. Course Information: Taught in English. Prerequisite(s): Completion of the university writing requirement. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

SPAN 228. Translation/Interpreting for the Professions I: Medical and Business Spanish-English. 3 hours.
Introduction to the theory of translation and translations of simple texts in both directions: Spanish/English and English/Spanish. Course Information: Prerequisite(s): SPAN 202 and sophmore standing or above; or consent of the instructor.

SPAN 230. Civilization and Culture of Spain. 3 hours.
Historical, social, and cultural aspects of Spanish civilization. Course Information: Taught in Spanish. Prerequisite(s): Credit or concurrent registration in SPAN 203 or credit or concurrent registration in SPAN 204.

SPAN 231. Civilization and Culture of Latin America. 3 hours.
Historical, social, and cultural aspects of Latin American civilization. Course Information: Taught in Spanish. Prerequisite(s): Credit or concurrent registration in SPAN 203 or Credit or concurrent registration in SPAN 204.

SPAN 278. Latin American/Latino Film Studies. 4 hours.
Introduction to the history and major aesthetic movements of Latin American cinema. Course Information: Same as LALS 278 and MOVI 278. Taught in English. Includes a film screening component. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion. *UIC GE Creative Arts course, and UIC GE World Cultures course*.

SPAN 285. Zombies, Plagues, and Other Pandemics in Literature and Visual Media. 3 hours.
Pandemics and their effects on human beings on a physical, emotional, and societal level, as seen through literature and visual media across nations. Course Information: Same as ITAL 285 and LCSL 285. Taught in English. Extensive computer use required. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

SPAN 295. Latino Literary Studies. 3 hours.
Major trends, genres, works, themes, and writers related to Latino history and culture, mainstream and minority U.S., Latin American and third world literatures. Course Information: Same as ENGL 295 and LALS 295. *UIC GE Creative Arts course, and UIC GE US Society course*.

SPAN 302. Exploring Spanish Grammar. 3 hours.
Explores advanced topics in Spanish grammar from a linguistic perspective. Topics range from the noun phrase to complex sentence structure. Course Information: Prerequisite(s): Grade of C or better in SPAN 202.

SPAN 303. Advanced Oral Presentation, Writing, and Analysis. 3 hours.
Advanced instruction in linguistic, rhetorical, organizational, and analytical skills in Spanish composition. Further development of reading and critical thinking skills in Spanish. Course Information: Prerequisite(s): Grade of C or better in SPAN 203 or Grade of C or better in SPAN 204; and completion of the university writing requirement.

SPAN 304. Introduction to Spanish Creative Writing for Heritage Speakers. 3 hours.
Exploration of writing tools through analysis of Spanish literary texts and through creative writing exercises. Course Information: Same as LALS 304. This course may not be used to satisfy the prerequisite for ENGL 490, ENGL 491, or ENGL 492. Extensive computer use required. This course is intended for heritage students, but may be taken by students demonstrating near-native writing proficiency with the permission of the course instructor. Prerequisite(s): Grade of C or better in SPAN 204; or consent of the instructor. Recommended background: Grade of C or better in SPAN 210.

SPAN 320. Spanish for Business and Law II. 3 hours.
Enhances students' ability to function effectively in legal and business contexts by building and improving their vocabulary and communication skills for these contexts. Course Information: Prerequisite(s): Grade of C or better in SPAN 220; and completion of the university writing requirement; and sophomore standing or above. Recommended background: Grade of C or better or concurrent registration in SPAN 203 or Grade of C or better or concurrent registration in SPAN 204.

SPAN 321. Spanish for Health Personnel II. 3 hours.
Further develops students' communicative competence, grammar, and vocabulary in Spanish for the medical and health fields. Course Information: Prerequisite(s): Grade of C or better in SPAN 221; and sophomore standing or above. Recommended background: Grade of C or better or concurrent registration in SPAN 203 or Grade of C or better or concurrent registration in SPAN 204.

SPAN 328. Advanced Translation/Interpreting for the Professions: II Medical, Legal & Business Spanish-English. 3 hours.
The translation of specialized texts from the source language into the target language. Focus on legal, commercial and health related vocabulary and concepts. Some translation of literary texts may be included to expand students' cultural knowledge. Course Information: Prerequisite(s): Grade of C or better in SPAN 220 or Grade of C or better in SPAN 221 or Grade of C or better in SPAN 228; and sophomore standing or above; or consent of the instructor.

SPAN 360. Study Abroad. 0-18 hours.
Subjects taken in a variety of areas while studying abroad in Spain, or Central or South America during the student¿s sophomore, junior or senior year of study at UIC. Course Information: May be repeated. Prerequisite(s): Approval of the Department. Recommended background: SPAN 104 or SPAN 114.

SPAN 361. The Structure of Spanish. 3 hours.
Introduction to the formal study of the syntax of Spanish, from the combination of words into phrases to the combination of phrases into sentences. Course Information: Prerequisite(s): Grade of C or better in SPAN 206 or LING 150; and consent of the instructor; and sophomore standing or above.

SPAN 362. Sounds of Spanish. 3 hours.
Introduction to the phonetic system of Spanish and its variation throughout the Spanish-speaking world via phonetic transcription, acoustic analysis, and phonological analysis of data. Course Information: Previously listed as SPAN 205. Prerequisite(s): Grade of C or better in SPAN 206 or LING 150; and consent of the instructor; and sophomore standing or above.

SPAN 363. Spanish in Society. 3 hours.
Investigation of the role of language in society or of society in language with a focus on Spanish and issues of Latinos. Sociolinguistics investigates aspects of language structure and use. Course Information: Prerequisite(s): Grade of C or better in SPAN 206 or LING 150; and consent of the instructor; and sophomore standing or above.

SPAN 364. Acquisition of Spanish. 3 hours.
Examination of the psychological and social aspects of the acquisition of Spanish as a first language, a second language, and in bilingual contexts. Prerequisite(s): Grade of C or better in SPAN 206; and sophomore standing or above.

SPAN 365. Meaning in Language. 3 hours.
Introduction to the study of both literal meaning and meaning in context in human language. Course Information: Prerequisite(s): Grade of C or better in SPAN 206 or LING 150; and consent of the instructor; and sophomore standing or above.

SPAN 366. Current Topics in Spanish Linguistics. 3 hours.
Topics will reflect the general agenda of linguistics. May cover advanced issues in Phonetics or Phonology, Syntax, Semantics or Pragmatics, SLA or HL Instruction. Course Information: May be repeated to a maximum of 6 hours if topics vary. Prerequisite(s): Grade of C or better in SPAN 206; and sophomore standing or above.

SPAN 367. Meaning and Context in Spanish. 3 hours.
Introduction to linguistic pragmatics, that is, the study of the role of context in interpretation, with a focus on the Spanish-speaking world. Course Information: Taught in Spanish. Prerequisite(s): Grade of C or better in SPAN 206.

SPAN 370. Writing and Research in the Major. 1 hour.
Perfecting writing and expository skills in English. Required for majors in the department. Course Information: Same as FR 370 and ITAL 370. Prerequisite(s): Junior or senior standing and approval of the department.

SPAN 375. Current Topics in Hispanic Studies. 3 hours.
Study of Hispanic literary and/or cultural production focusing on a specific theme, critical approach, or genre-related issue which currently has special relevance within the discipline. Course Information: May be repeated to a maximum of 6 hours, if topics vary, and with consent of the instructor. Prerequisite(s): Grade of C or better in SPAN 210. Recommended background: Credit or concurrent registration in SPAN 212.

SPAN 376. Topics in Politics, the Economy, and Law in Hispanic Culture. 3 hours.
Basic introduction to the syntax and rhetoric of legality, order and hierarchy in Spain and/or Latin America as these elements are manifested in literary and cultural texts. Course Information: May be repeated to a maximum of 6 hours, if topics vary, and with consent of the instructor. Prerequisite(s): Grade of C or better in SPAN 210. Recommended background: Credit or concurrent registration in SPAN 212.

SPAN 377. Topics in Health, the Psyche, and the Human Body in Hispanic Culture. 3 hours.
Topics will address issues regarding the representation of the body, and different notions of illness and health in Hispanic literature, film, and other media. Course Information: May be repeated to a maximum of 6 hours, if topics vary, and with consent of the instructor. Prerequisite(s): Grade of C or better in SPAN 210. Recommended background: Credit or concurrent registration in SPAN 212.

SPAN 378. Topics in Hispanic Cultural and Media Studies. 3 hours.
Studies of transculturation as a guiding principle in the development of Hispanic identities. Exploration of changing definitions of race, nation, immigration, hybridity, and consumption. Course Information: May be repeated to a maximum of 6 hours, if topics vary, and with consent of the instructor. Prerequisite(s): Grade of C or better in SPAN 210. Recommended background: Credit or concurrent registration in SPAN 212.

SPAN 379. Topics in Cultural Difference and the Politics of Translation. 3 hours.
Exploration of the ways in which different forms of cultural production participate in the construction and deconstruction of national, regional, class, and gender identities. Course Information: May be repeated to a maximum of 6 hours, if topics vary and with consent of the instructor. Prerequisite(s): Grade of C or better in SPAN 210. Recommended background: Credit or concurrent registration in SPAN 212.

SPAN 380. Professional Development. 1 hour.
Students will be trained in the preparation of resumes, curriculum vitae, and presentation letters for academic and professional settings and will practice interviewing skills. Course Information: Prerequisite(s): Grade of C or better in SPAN 206. Senior standing or completion of at least two 300-400 level SPAN courses (excluding SPAN 320, 321, and 360) and approval of the department.

SPAN 399. Independent Study. 1-3 hours.
Individual reading or research project under the supervision of a faculty member. Course Information: May be repeated for a maximum of 6 credit hours. Students may register for more than one section per term. Prerequisite(s): SPAN 206 or SPAN 212; and consent of the instructor.

SPAN 400. History of the Spanish Language. 3 or 4 hours.
Origins and development of Spanish; phonological, morphological, syntactic development of the language; foreign influences; origin of dialects. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SPAN 362 or SPAN 401 or consent of the instructor.

SPAN 406. Spanish Sociolinguistics. 3 or 4 hours.
Past and current theoretical and empirical sociolinguistics as applied to the study of variation within Spanish and U.S. Hispanic communities. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SPAN 363 or consent of the instructor.

SPAN 407. Methods of Literary and Cultural Analysis. 3 or 4 hours.
Introduction to basic tools and critical vocabulary to conduct advanced work in Hispanic literature. Course Information: 3 undergraduate hours. 4 graduate horus. Taught in Spanish or English. Prerequisite(s): Junior standing or above and completion of two 300-level courses in Spanish literature; or consent of the instructor.

SPAN 408. Hispanic Dialectology. 3 or 4 hours.
Descriptive and historical analysis of the most salient linguistic phenomena of peninsular and American Spanish dialects. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SPAN 362 or SPAN 401; or consent of the instructor.

SPAN 409. Semantics and Pragmatics in Spanish. 3 or 4 hours.
Introduction to the study of meaning in language with a focus on Spanish. Includes formal/compositional semantics and an introduction to pragmatics. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SPAN 365 or SPAN 401; or consent of the instructor.

SPAN 411. Topics in Medieval and Early Modern Spanish Literature and Culture. 3 or 4 hours.
Exploration of topics and theoretical approaches to the literature and culture of medieval and early modern Spain. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above. Completion of two 300-level courses in Spanish literature; or consent of the instructor.

SPAN 414. Topics in Cervantes' Don Quijote. 3 or 4 hours.
Examination of current critical and theoretical approaches to Cervantes Don Quijote, including questions of gender, class, historiography, and ideology. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above and completion of two 300-level courses in Spanish literature; or consent of the instructor.

SPAN 421. Topics in 18th and 19th Century Spanish Literature and Culture. 3 or 4 hours.
Exploration of topics and theoretical approaches to Peninsular literature and culture from the Neoclassical period through the Generation of 1898. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above and completion of two 300-level courses in Spanish literature; or consent of the instructor.

SPAN 422. Topics in 20th and 21st Century Spanish Literature and Culture. 3 or 4 hours.
Exploration of topics; sociological and historical approaches to the literature and culture from the vanguard movements of the early 20th century through the present day. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above and completion of two 300-level courses in Spanish literature; or consent of the instructor.

SPAN 427. Studies in Language Policy and Cultural Identity. 3 or 4 hours.
Examines the development, articulation, and effects of language policies on identity formation and culture. Focuses on the United States and the Spanish language, although other countries and languages are included. Course Information: 3 undergraduate hours. 4 graduate hours. Taught in English. Prerequisite(s): Junior standing or above. Reading and writing knowledge of Spanish.

SPAN 430. Topics in Colonial History, Literature and Culture. 3 or 4 hours.
Topics in colonial literature, history and culture intended to introduce students to the main methodologies, paradigms, issues and critical approaches to colonial studies. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above and completion of two 300-level courses in Spanish literature; or consent of the intstructor.

SPAN 431. Topics in Latin American Letters from the Revolutionary Era to Independence. 3 or 4 hours.
Nineteenth-century literary trends from the beginnings of the novel through Romanticism and Realism to Urban naturalism. Prose and poetry. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above and completion of two 300-level courses in Spanish literature; or consent of the instructor.

SPAN 434. Topics in Latin American Letters from Modernismo to the Early 1970's. 3 or 4 hours.
Emergence of new literary and cultural trends from the beginning of the 20th century to the end of the so-called Latin American Boom. It may include fiction, poetry, film, theater, as well as less traditional genres. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above and completion of two 300-level courses in Spanish literature; or consent of the instructor.

SPAN 435. Topics in Contemporary Urban Latin American and Latino Culture, Literature and the Arts. 3 or 4 hours.
Study of particular cultural, artistic or literary phenomenon in urban Latin American and Latino culture, literature or the arts. Emphasis on cultural studies and/or literary analysis. Critical writing is an important component of the course. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated if topics vary. Prerequisite(s): Junior standing or above for undergraduate students, completion of two 300-level courses in Spanish literature; or consent of the instructor.

SPAN 436. Special Topics in the Teaching of Spanish. 1-4 hours.
Course content is announced prior to each term in which course is given. Course Information: May be repeated. Students may register in more than one section per term. Taught in English. Some semesters, may be taught in Spanish. Prerequisite(s): Approval of the department.

SPAN 440. Theory and Methods in Teaching Heritage Speakers. 3 or 4 hours.
Reviews theories in bilingual development, sociolinguistics, and language teaching in order to understand best practices in and develop coherent materials for teaching heritage language learners. Course Information: 3 undergraduate hours. 4 graduate hours. Course is taught online and internet/computer access is required. Prerequisite(s): Junior standing or above; and consent of the instructor. Recommended background: Credit or concurrent registration in SPAN 363 or Credit or concurrent registration in SPAN 448 or Credit or concurrent registration in SPAN 449.

SPAN 448. Foundations of Second Language Teaching. 3 or 4 hours.
Provides an introduction to second language acquisition research and its implications for communicative language teaching. Emphasis is on creating activities to develop high school students' communicative abilities in speaking and listening. Course Information: Same as FR 448 and GER 448. 3 undergraduate hours. 4 graduate hours. Taught in English. Prerequisite(s): Junior standing or above; and consent of the instructor and three courses at the 200 and 300 levels.

SPAN 449. Teaching Second Language Literacy and Cultural Awareness. 3 or 4 hours.
Examines the nature of literacy as a reciprocal relationship between readers, writers, texts and culture. Students learn the practical and theoretical foundations of classroom teaching of second language reading and writing skills. Course Information: Same as FR 449, and GER 449. 3 undergraduate hours. 4 graduate hours. Taught in English. Prerequisite(s): Junior standing or above; and consent of the instructor and three courses at the 200 and 300 levels.

SPAN 451. Educational Practice with Seminar I. 6 hours.
The first half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPAN 452. Educational Practice with Seminar II. 6 hours.
The second half of a two-segment sequence of practice teaching, including seminar, to meet certification requirements for teaching in grades six through twelve. Course Information: Prerequisite(s): Good academic standing in a teacher education program, completion of 100 clock hours of pre-student-teaching field experiences, credit or concurrent registration in SPAN 451, and approval of the department. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Practice.

SPAN 487. Computer Assisted Language Learning. 3 or 4 hours.
An introduction to computer assisted language learning (CALL): the use of computer technology in second language reading and research. The effectiveness of CALL technology is assessed based on SLA theory and research studies. Course Information: Same as GER 487 and LING 487. 3 undergraduate hours. 4 graduate hours. Taught in English. Extensive computer use required. Prerequisite(s): LING 483 or CIE 483 or GER 448 or FR 448 or SPAN 448 or GER 449 or FR 449 or SPAN 449; or SPAN 502 or FR 502 or the equivalent; and senior standing or above.

SPAN 494. Special Topics. 3 or 4 hours.
Topics will vary from term to term and may cover such areas as literary theory or culture. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. May be taught in English or Spanish. Prerequisite(s): Junior standing or above; and approval of the department.

Special Education (SPED)

Courses

SPED 100. First Year Special Ed Seminar. 1 hour.
Students will get oriented to UIC campus and college resources, learn about the Department of Special Education and program requirements, and overarching goals, and facilitate adjustment to university life.

SPED 101. Disability and Schooling. 3 hours.
Students will gain an understanding of how disability, race, gender, and class intersect and shape the history of the education of students with disabilities in the US, from preschool through college. Course Information: Enrollment is required by students in Inclusive and Special Education, but other students can take this course. *UIC GE US Society course*.

SPED 200. Special Education in Context: Common Frameworks for Equitable Student Learning. 3 hours.
Introduces students to key special education frameworks and terminology used in schools to support students with disabilities. Course Information: Enrollment is required by students in Inclusive and Special Education, but other students can take this course. Prerequisite(s): SPED 101.

SPED 201. Children's Literature and Disabilities. 3 hours.
Examination of children's and young adult literature focused on how disabilities are portrayed and how literature encapsulates societal attitudes, beliefs, and stereotypes contributing to access and equity of children with disabilities in schools. Course Information: Same as ED 201. This is a blended course. *UIC GE Creative Arts course*.

SPED 202. International Perspectives: Inclusive Education and Schooling. 3 hours.
Focuses on international comparative views of how different educational systems include students with disabilities. Course Information: Same as ED 202. Extensive computer use required. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

SPED 215. Special Education Law, Policy, and Advocacy. 3 hours.
Students learn about seminal policies and legislation for students with disabilities. They will research a current issue in special education or disability (i.e., racial and linguistic inequities, high quality inclusive education, data-based instruction). Course Information: Enrollment is required by students in Inclusive and Special Education, but other students can take this course.

SPED 280. Language Development and Communication Disorders for Diverse Populations. 3 hours.
Students will learn about the critical role that communication and language development plays within U.S. society and the impact on children and adolescents with delayed language acquisition or communications disorders. Course Information: Enrollment is required by students in Inclusive and Special Education, but other students can take this course.

SPED 300. Assessment and Instructional Methods: Supporting Students with High Incidence Disabilities. 4 hours.
Students will gain an understanding of high incidence disabilities including characteristics, assessments, and best practices to support learning. Course Information: Field work required. Prerequisite(s): SPED 200 and SPED 258. Corequisite(s): Requires concurrent registration in SPED 305. Course Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 302. Inclusive Approaches to Effective Learning Environments for Students with Disabilities. 4 hours.
Students will learn about school-wide systems of support and classroom-based methods for establishing positive learning environments that promote social, emotional, and behavioral health for students with disabilities in inclusive classrooms. Course Information: Field work required. Prerequisite(s): SPED 200. Course Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 303. Assessment and Instructional Methods Supporting: Students with Low incidence Disabilities. 4 hours.
Students will gain an understanding of low incidence disabilities including characteristics, assessments, and best practices to support learning. Course Information: Field work required. Prerequisite(s): SPED 302. Course Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 305. Inclusive Literacy Instruction for Students with Disabilities. 4 hours.
Students will gain knowledge and skills to design and implement effective, culturally responsive literacy instruction for students with disabilities. Course Information: Field work required. Prerequisite(s): Consent of the instructor. Course Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

SPED 306. Advanced Inclusive Literacy and Writing Strategies for Students with Disabilities. 4 hours.
Students will be prepared to foster an inclusive learning environment by exploring various literacy techniques, such as explicit comprehension and writing instruction, along with using vital assistive and digital technologies. Course Information: Field work required. Prerequisite(s): SPED 305; and consent of the instructor. Corequisite(s): Requires concurrent registration in SPED 303. Course Information: To be properly registered, students must enroll in one Lecture-Discussion and one Clinical Practice.

SPED 310. Inclusive Approaches to Teaching Math to Students with Disabilities. 4 hours.
Students will gain knowledge and skills to design and implement effective, culturally responsive mathematics instruction for students with disabilities. Course Information: Field work required. Prerequisite(s): SPED 300 and SPED 302; and consent of the instructor. Corequisite(s): Requires concurrent registration in SPED 303. Course Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 315. Inclusive Approaches to Collaboration. 3 hours.
Students will learn collaboration skills to work with students with disabilities and their families, professionals, paraprofessionals, administrators, and community agency personnel to provide high quality educational services and supports. Course Information: Prerequisite(s): SPED 215 and SPED 300. Corequisite(s): Requires concurrent registration in SPED 303.

SPED 370. Inclusive Transition Practices for Students with Disabilities. 3 hours.
Students will learn the major transition frameworks, and EBP's to prepare students with disabilities to post-secondary education, employment and living in the community. Course Information: Field work required. Prerequisite(s): SPED 300 and SPED 302 and SPED 303 and SPED 315.

SPED 400. Inclusive Approaches to Teaching Social Studies and Science. 3 hours.
Students will explore social studies and science instruction for students with disabilities across contexts to gain fluency in supporting all students. Course Information: Prerequisite(s): SPED 306; and SPED 310. Corequisite(s): Requires concurrent registration in SPED 470.

SPED 401. Supporting Students with Disabilities Across the Curriculum. 3 hours.
Students will work collaboratively in schools and classrooms with coordinating teachers and related service professionals to practice in-depth analyses of students' academic and social-emotional, and behavioral learning. Course Information: Prerequisite(s): SPED 400; and consent of the instructor. Corequisite(s): Requires concurrent registration in SPED 480.

SPED 405. Foundations of Inclusive Behavior Analysis. 3 hours.
Explore scientific approaches to changing human behavior, while focusing on ethical practices and real-world applications to promote accessible, inclusive communities for all. Course Information: Extensive computer use required. The course is structured in a way to support a variety of learning outcomes with a host of academic repertoires. Prerequisite(s): ENGL 160. Recommended background: Ideal for students interested in learning about how to understand human behavior and to create safe and inclusive environments for people with disabilities.

SPED 410. Exceptional Learners. 3 hours.
Addresses the psychology of, identification of, and methods of instruction for exceptional learners served under all categories recognized by federal law. Course Information: Field work required. 20 hours of field work is required. *IAI Major ESE course*.

SPED 416. Methods of Instruction for Exceptional Learners. 3 hours.
The purpose of this course is to address issues of instruction for individuals with special needs. Topics include effective instructional and accommodative practices and strategies in multiple areas (math, literacy, science, social studies, art). Course Information: Prerequisite(s): Junior standing or above and admission to the Bachelor of Arts in Elementary Education program.

SPED 423. Assessment of Monolingual and LEP Children with Disabilities. 3 hours.
To prepare students in use of formal and informal assessments to inform placement, instructional planning, and evaluation of English Language Learners with disabilities. Course Information: Prerequisite(s): Restricted to students seeking LBSII or admission as a doctoral student or consent of the instructor.

SPED 424. Assessment of Students with Special Needs. 3 or 4 hours.
Theoretical basis and practical application of standardized and alternative testing of children with learning and behavior difficulties. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SPED 410.

SPED 426. Curricular/Behavioral Considerations for Learners with Special Needs. 3 or 4 hours.
Instructional practices related to academics, classroom management, individualized and group instruction for students with special needs. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SPED 424 or the equivalent or consent of the instructor.

SPED 427. Instructional and Behavioral Methods for English Language Learners with Disabilities. 3 hours.
To prepare students in the use of best practice instruction and the promotion of prosocial behavior within the context of teaching English Language Learners with disabilities. Course Information: Prerequisite(s): Open only to Master's degree students; and consent of the instructor and successful completion of SPED 423 or equivalent. Assumes previous instructional planning for students with disabilities and practicum that is part of the certification requirements for the Learning Behavior Specialist I certification; and minimum one year teaching experience or providing direct services to students with disabilities. Recommended background: Illinois State Board of Education certification: Learning Behavior Specialist I; minimum one year teaching experience.

SPED 430. Fieldwork Supervision. 0-6 hours.
Students will implement evidence-based behavioral assessments and interventions in community-based settings that provide ABA services to children, adolescents, or adults with disabilities from underrepresented groups in a field based setting. Course Information: Field work required. Prerequisite(s): Acceptance to the Master of Science in Applied Behavior Analysis, Disability, and Diversity in Urban Society program or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Practice and one Clinical Practice.

SPED 431. Applying Evidence-Based Practices in Authentic Settings. 4 hours.
Students will demonstrate competence at implementing behavioral assessments and interventions. Complete a series of performance assessments and will receive individualized feedback until reaching mastery for each assessment and intervention. Course Information: Prerequisite(s): Acceptance to the Master of Science in Applied Behavior Analysis, Disability and Diversity in Urban Society program or consent of the instructor.

SPED 432. Foundations and Contemporary Understanding of Applied Behavior Analysis. 4 hours.
Overview of the science of ABA and its philosophical underpinnings; will be exposed to the concepts and principles underlying the science of ABA, and how the science has informed educational practices in schools, clinics, and community-based settings. Course Information: Prerequisite(s): Acceptance to the Master of Science in ABA, Disability and Diversity in Urban Society program or consent of the instructor. Corequisite(s): Requires concurrent registration in SPED 433.

SPED 433. Ethics in Applied Behavior Analysis. 4 hours.
Will examine the professional and ethical obligations of practicing behavior analysts. Issues related to common ethical dilemmas, scope of competence, behavior analyst's responsibilities to clients, and the ABA compliance code, will be discussed. Course Information: Prerequisite(s): Acceptance to the Master of Science in ABA, Disability and Diversity in Urban Society program or consent of the instructor.

SPED 442. Language Development and Disorders. 3 or 4 hours.
Theory and research on the acquisition of phonology, syntax, semantics and pragmatics in children with and without disabilities. Models for language assessment and intervention. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): SPED 410.

SPED 444. Assistive Technology for Literacy, Learning and Participation in Pre-K through High School. 3 hours.
Use of communication systems, computers, adapted equipment and strategies to foster participation and inclusion of students in grades preschool through high school. Course Information: Same as DHD 444.

SPED 448. Topics in Special Education. 1-4 hours.
Course or workshop on preannounced topic on the education of handicapped children, adolescents, or adults. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): SPED 410 and consent of the instructor.

SPED 449. Early Childhood/Early Childhood Special Education: Perspectives, Policies and History. 3 hours.
Perspectives, policies, history, and foundations of Early Childhood Education and Early Childhood Special Education. Emphasis on the effects of changing economic, political, legal, social, and views of human development. Course Information: Same as EPSY 449 and EDPS 449.

SPED 455. Exceptional Child Development. 3 hours.
Explores how children,(birth to age 8), grow and learn in diverse ways, using the social model of disability and an equity lens to highlight that differences in development reflect human diversity, not deficit, and to prepare students for inclusive practice. Course Information: Extensive computer use required. Prerequisite(s): EPSY 255; or consent of the instructor.

SPED 461. Political and Socio-Cultural Perspectives on Special Education. 3 hours.
Students will examine issues of access and equity through legislation, litigation, and socio-cultural perspectives and be introduced to major theoretical frameworks that influence special education programs. Course Information: Same as ED 461. Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 462. Assessment of Individuals with Disabilities. 3 hours.
To prepare students in the use of standardized and formative assessment to understand student learning, inform decisions regarding placement, instructional planning, and evaluation of students with disabilities.

SPED 463. Literacy Instruction for Diverse Learners in School. 3 hours.
Emphasizes the components of designing, implementing, and assessing reading and writing instruction for diverse students at the early childhood/elementary level. Course Information: Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 465. Understanding Students with High Incidence Disabilities. 3 hours.
Uses major theoretical frameworks of human development to examine the characteristics and development of students with high incidence disabilities, ages 3-21. Course Information: Same as EPSY 465. Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 466. Language Development, Diversity, and Disabilities. 3 hours.
Theory and research on language development in children with disabilities, in the context of typical development. Models for language assessment and intervention. Course Information: Same as EPSY 466.

SPED 467. Understanding Students With Low Incidence Disabilities. 3 hours.
Explores characteristics and development of children and youth with low incidence disabilities, ages 3-21, as well as how schools address their instructional needs. Course Information: Same as EPSY 467.

SPED 470. Teaching Internship in Inclusive and Special Education. 6 hours.
Teaching internship that emphasizes the components of planning, differentiating instruction, and assessing students in school-based settings areas. Attention to diverse learners and collaboration with multiple stakeholders is infused. Course Information: Field work required. Prerequisite(s): Consent of the instructor. Corequisite(s): Requires concurrent registration in SPED 400.

SPED 471. Curricular Adaptations for Learners with Significant Disabilities. 3 hours.
Provides information on the nature and needs of individuals with severe/profound disabilities and the roles of federal, state, and local education agencies play in providing services to this population. Course Information: Field work required. Prerequisite(s): SPED 461 and SPED 465 and SPED 467. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 472. Academic and Prosocial Interventions. 3 hours.
Introduces students to the principles and concepts of data-based decision making and individualization with an emphasis on addressing the social, emotional, and behavioral needs of students with disabilities. Course Information: Same as ED 472. Field work required.

SPED 473. Teaching Math and Science with Adaptations. 3 hours.
Provides prospective teachers with assessment strategies and a range of adaptations, modifications, and interventions in math and science for students with disabilities. Course Information: Same as ED 473. Field work required. Prerequisite(s): SPED 461. Course Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

SPED 480. Student Teaching in Inclusive and Special Education. 12 hours.
Students will gain experience with planning, assessment, instruction and evaluation of students with disabilities across content and elective classes in an urban school Attention to diverse learners and collaboration with multiple stakeholders is infused. Course Information: Field work required. Prerequisite(s): Grade of B or better in SPED 470; and consent of the instructor Grade of B or better in SPED 470 and approval of program faculty. Corequisite(s): Requires concurrent registration in SPED 401.

SPED 481. Theoretical Foundations and Issues of Bilingual Special Education. 3 hours.
Theoretical, pedagogical foundations of Bilingual Special Education to provide experienced special educators with research-based knowledge and practices to serve English Language Learners with disabilities. Course Information: Prerequisite(s): Restricted to students seeking LBSII or admission as a doctoral student or consent of the instructor.

SPED 482. Collaborating with Families, Community, and Professionals. 3 hours.
Explores the dynamics of professional collaboration with families, addressing characteristics, structures, and processes of collaboration for children and youth with and without disabilities. Course Information: Same as EPSY 482. Previously listed as SPED 582. Field work required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

Statistics (STAT)

Courses

STAT 101. Introduction to Statistics. 4 hours.
Applications of statistics in the real world, displaying and describing data, normal curve, regression, probability, statistical inference, confidence intervals and hypothesis tests. Course Information: Credit is not given for STAT 101 if the student has credit for STAT 130. Credit is not given for STAT 101 to students in any major in the Department of Mathematics, Statistics, and Computer Science. Extensive computer use required. This course is offered in both a blended and traditional format. If the section is marked "Blended-Online and Classroom," use of a computer and internet access is required. Blended sections require students to do some of their coursework online. A high-speed connection, while not required, is strongly suggested. Prerequisite(s): Grade S in MATH 090 or Grade of C or better in MATH 108 or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture.

STAT 130. Introduction to Statistics for the Life Sciences. 4 hours.
Basic concepts and methods of statistics with illustrations from different areas of the life sciences; graphical and summary representations, probability, random variables, normal distribution, estimation and tests of hypotheses, t, F and chi-square. Course Information: Credit is not given for STAT 130 if the student has credit for STAT 101. Extensive computer use required. Prerequisite(s): Grade of C or better in MATH 110; or appropriate score on the department placement test. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Laboratory-Discussion.

STAT 194. Special Topics in Statistics. 1-4 hours.
Course content is announced prior to each term in which it is given. Course Information: Extensive computer use required. May be repeated for credit. Students may register in more than one section per term.

STAT 361. Elements of Statistical Methods. 2 hours.
Graphical and numerical summaries of data, statistical software package use; introduction to probability, random variables, and sampling distributions; point estimation, confidence intervals, and test of hypotheses. Course Information: This course is restricted to students in the College of Engineering. Prerequisite(s): Grade of C or better in MATH 181.

STAT 362. Elements of Statistical Computing. 2 hours.
Statistical computation with the SAS and R software packages; data structure, entry, and manipulation; numerical and graphical summaries; basic statistical methods. Course Information: This course is restricted to students in the College of Engineering. Prerequisite(s): Grade of C or better in STAT 361; or Grade of C or better in IE 342; or Grade of C or better in STAT 381.

STAT 381. Applied Statistical Methods I. 3 hours.
Graphical and tabular representation of data; Introduction to probability, random variables, sampling distributions, estimation, confidence intervals, and tests of hypotheses. Includes SAS and SPSSX applications. Course Information: Prerequisite(s): Grade of C or better in Math 181.

STAT 382. Statistical Methods and Computing. 3 hours.
Statistical computation with the SAS and R software packages: data structure, entry, and manipulation; numerical and graphical summaries; basic statistical methods; select advanced methods. Course Information: Prerequisite(s): Grade of C or better in STAT 381. Students in the BS in Data Science may satisfy the prerequisite with grade of C or better in IE 342 or ECE 341 instead of STAT 381.

STAT 385. Elementary Statistical Techniques for Machine Learning and Big Data. 3 hours.
Sampling algorithms; nonparametric tests; data mining: classification, clustering, LASSO, cross-validation, Principle Component Regression; and big data analysis focus on R-package. Course Information: Extensive computer use required. Prerequisite(s): Grade of C or better in STAT 382; and consent of the instructor. Students in the BS in Data Science may satisfy the prerequisite with grade of C or better in IDS 462 instead of STAT 382.

STAT 401. Introduction to Probability. 3 or 4 hours.
Probability spaces, random variables and their distributions, conditional distribution and stochastic independence, special distributions, sampling distributions, limit theorems. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 210; or approval of the department.

STAT 411. Statistical Theory. 3 or 4 hours.
Estimation, tests of statistical hypotheses, best tests, sufficient statistics, Rao-Cramer inequality, sequential probability ratio tests, the multivariate normal distribution, nonparametric methods. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in STAT 401.

STAT 416. Nonparametric Statistical Methods. 3 or 4 hours.
Distribution free tests for location and dispersion problems, one-way and two-way layouts, the independence problem, regression problems involving slopes, detecting broad alternatives, resampling methods. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in STAT 381 or STAT 411.

STAT 431. Introduction to Survey Sampling. 3 or 4 hours.
Simple random sampling; sampling proportions; estimation of sample size; stratified random sampling; ratio estimators; regression estimators; systematic and cluster sampling. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in STAT 411 or STAT 481.

STAT 451. Computational Statistics. 3 or 4 hours.
Modern computationally-intensive statistical methods including Monte Carlo integration and simulation, optimization and maximum likelihood estimation, EM algorithm, MCMC, sampling and resampling methods, non-parametric density estimation. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): STAT 411.

STAT 461. Applied Probability Models I. 3 or 4 hours.
Computing probabilities and expectations by conditioning, Markov chains, Chapman-Kolmogorov equations, branching processes, Poisson processes and exponential distribution, continuous-time Markov chains, reversibility, uniformization. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in STAT 401.

STAT 471. Linear and Non-Linear Programming. 3 or 4 hours.
Linear programming, simplex algorithm, degeneracy, duality theorem sensitivity analysis, convexity, network simplex methods, assignment problems. Constrained and unconstrained minima. Quasi-Newton methods. Ellipsoidal methods of Kachian. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in MATH 310.

STAT 473. Game Theory. 3 or 4 hours.
Introduction to the basic ideas of game theory. Static and dynamic games; mixed strategies, imperfect information; economic, political and biological applications. Course Information: Same as ECON 473. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): STAT 381; or ECON 270; or equivalents.

STAT 475. Mathematics and Statistics for Actuarial Sciences I. 3 or 4 hours.
Financial mathematics as it pertains to the valuation of deterministic cash flows. Basic concepts and techniques regarding the theory of interest. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Math 210.

STAT 481. Applied Statistical Methods II. 3 or 4 hours.
Testing hypotheses, linear regression, generalized linear models, analysis of variance, factorial design, and nested design. SAS and R applications. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in STAT 381; or consent of the instructor. Students in the BS in Data Science may satisfy the prerequisite with C or better in IE 342 or ECE 341 instead of STAT 381.

STAT 485. Intermediate Statistical Techniques for Machine Learning and Big Data. 3 or 4 hours.
Modern techniques for statistical learning including linear models, subset selection, partial least squares; LDA; logistic regression; model selection; sampling theory with applications to big data analysis; applied nonparametric inference. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s):Grade of C or better in STAT 385; and Grade of C or better in STAT 411 or STAT 481.

STAT 486. Statistical Consulting. 3 or 4 hours.
Consulting methodology, data cleaning, experimental design, linear regression, missing data, categorical data analysis, logistic regression, and stat learning. R and SAS applications. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Grade of C or better in STAT 411 or STAT 481.

STAT 494. Special Topics in Statistics, Probability and Operations Research. 3 or 4 hours.
Course content announced prior to each semester in which it is given. Topics drawn from areas such as distribution theory; Bayesian inference; discrete optimization; applied probability models; resampling techniques; biostatistics; environmental sampling. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the department.

STAT 496. Independent Study. 1-4 hours.
Reading course supervised by a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Approval of the instructor and approval of the department.

Study Abroad (SABR)

Courses

SABR 191. Study Abroad. 0-18 hours.
Credit for foreign study. Final determination of credit is approved by the department/college and is based on the student's completion of the work. Course Information: May be repeated. Students do not register for this course. Special administrative course created to transcript study abroad courses. Course detail is added directly to students' academic records by the Office of Registration and Records.

SABR 291. Study Abroad. 0-18 hours.
Credit for foreign study. Final determination of credit is approved by the department/college and is based on the student's completion of the work. Course Information: May be repeated. Students do not register for this course. Special administrative course created to transcript study abroad courses. Course detail is added directly to students' academic records by the Office of Registration and Records.

SABR 391. Study Abroad. 0-18 hours.
Credit for foreign study. Final determination of credit is approved by the department/college and is based on the student's completion of the work. Course Information: May be repeated. Students do not register for this course. Special administrative course created to transcript study abroad courses. Course detail is added directly to students' academic records by the Office of Registration and Records.

SABR 491. Study Abroad. 0-18 hours.
Credit for foreign study. Final determination of credit is approved by the department/college and is based on the student's completion of the work. Course Information: May be repeated. Students do not register for this course. Special administrative course created to transcript study abroad courses. Course detail is added directly to students' academic records by the Office of Registration and Records.

Theatre (THTR)

Courses

THTR 101. Theatre History I: Premodern Drama. 3 hours.
Offers an introduction to the history and development of theatre and theatrical literature from the 5th Century BCE (Ancient Greece) to the modern era, with a particular focus on Western theatre traditions. Play attendance required. Course Information: Previously listed as THTR 109. Field trips required at a nominal fee. *UIC GE Creative Arts course, and UIC GE Past course*.

THTR 102. Introduction to Theatre: A Collaborative Art. 3 hours.
Students explore the history and collaborative nature of the theatre experience through readings, lectures, and attendance at two plays. Culminates in an original small group performance. Attendance at Department of Theatre production(s) required. Course Information: Field trips required at a nominal fee. *UIC GE Creative Arts course*.

THTR 103. History of Chicago Theatre Past and Present. 3 hours.
Students learn about the ideas, individuals, and institutions that have made Chicago one of world’s great theatre cities. Involves short readings, review of historical photo and video archives and interviews with leading contemporary Chicago artists. Course Information: Field trips required at a nominal fee. *UIC GE Creative Arts course, and UIC GE Past course*.

THTR 105. Introduction to American Musical Theatre. 3 hours.
A brief history of American musical theatre, its adaptation and alteration of earlier types of theatre, the basic structure of a classic musical, and how song and dance advance storytelling. Course Information: Field trips required at a nominal fee. As UIC does not offer musical theatre productions, the course will require attendance at productions outside the University. At least two are anticipated, one to see/assess a traditional musical comedy and a second to see a new or contemporary example of musical theatre. *UIC GE Creative Arts course, and UIC GE US Society course*.

THTR 111. Movement I: Body/Self. 3 hours.
Techniques in physical awareness and expression use of dynamics in movement and text. Course Information: Previously listed as THTR 210.

THTR 121. Introduction to Acting I. 3 hours.
Students explore basic vocal and physical stage performance techniques through improvisation and exercises. Focuses on developing truthfulness. Actors perform as themselves in given circumstances. Course Information: Previously listed as THTR 161. *IAI Major TA course*.

THTR 122. Acting II: Adaptations. 3 hours.
Techniques of adapting and interpreting text from fiction, short stories and novels into short dramatic scenes which the students write and act in. Course Information: Previously listed as THTR 263. Prerequisite(s): Grade of C or better in THTR 121; and sophomore standing or above.

THTR 140. Polish Drama in Translation. 3 hours.
Elementary aspects of Polish dramatic theory and close reading of representative scripts selected from various periods. Course Information: Same as POL 140. Taught in English. *IAI GECC Humanities course, and UIC GE Creative Arts course, and UIC GE World Cultures course*.

THTR 141. Acting I: Fundamentals. 3 hours.
Students will be guided through a series of exercises that introduce the fundamentals of acting. Through observation, improvisation, and performances, students will learn to live truthfully in imaginary circumstances.

THTR 145. Acting Fundamentals for Non-majors. 3 hours.
Students are guided through a series of exercises that introduce the fundamentals of acting. Through observation, improvisation, and performances, students will learn to live truthfully in imaginary circumstances in exercises and scenes from plays.

THTR 150. Fundamental of Theatre Technology. 3 hours.
Introduces students to the history and theory of theatre technology, and provides an overview of theatre technology areas of scenic, costume, lighting and sound. *IAI Major TA course*.

THTR 151. Costume Technology I: Introduction to Costume Technology. 3 hours.
Fundamentals of costume construction from conception to realization, through the use of sewing machines, pattern making, and historical research with practical projects.

THTR 152. Lighting Technology I: An Introduction to Lighting Tech. 3 hours.
Introductory course introduces students to the basic lighting technologies used in theatre and develops knowledge about theatre electrics, controls and maintenance. Course Information: Field trip required at a nominal fee. Prerequisite(s): THTR 155; and consent of the instructor.

THTR 153. Scenic Technology I: An Introduction to Stagecraft for the Theatre. 3 hours.
Introduces students to the theory and techniques of stagecraft for theatrical production. Includes materials, tools, and fabrication techniques used in traditional and modern scenic construction. Course Information: Prerequisite(s): THTR 150; and consent of the instructor.

THTR 154. Drawing and Digital Design for the Theatre. 3 hours.
Develops drawing and digital literacy. This course uses different types of traditional drawing practices and introduces students to digital media techniques, including Adobe Photoshop Creative Suite. Course Information: Extensive computer use required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Discussion.

THTR 155. Fundamentals of Theatre Design. 3 hours.
Introduces students to the history and theory of theatre design, and provides an overview of the theatre design areas of scenic, costume, lighting, and sound. Course Information: Field trip required at a nominal fee.

THTR 156. Lighting Design I: An Introduction to Lighting Design. 3 hours.
Introduces basic interpretive and practical techniques in creating and enhancing 3-dimensional performance environments through lighting. Course Information: Prerequisite(s): THTR 150 and THTR 155.

THTR 157. Drafting for the Theatre. 3 hours.
Develops the necessary skills in drafting for both theatre design and theatre technology. Includes hand and computer aided drafting techniques. Course Information: Prerequisite(s): Credit or concurrent registration in THTR 150 and Credit or concurrent registration in THTR 155; and consent of the instructor.

THTR 158. Costume Design I. 3 hours.
Introduces foundational interpretive and practical techniques in designing stage costumes including conceptualization, rendering, and construction techniques. Course Information: Previously listed as THTR 257.

THTR 159. Fashion and Furniture: History of Cultural Influences from Gothic to Atomic. 3 hours.
Explores the history of fashion and furniture in Europe and North America between the Middle Ages and WWII. Using historical timelines as context, focus is placed on evidence of stylistic influences derived from cultural exchange. *UIC GE Creative Arts course, and UIC GE Past course*.

THTR 162. Voice I: Voice. 3 hours.
Fundamentals of vocal production including physical and emotional characteristics and their relationship to body, space, action and emotion. Course Information: Previously listed as THTR 260.Prerequisite(s): Grade of C or better in THTR 121.

THTR 170. Sound Design: An Introduction to Sound Design for Theatre. 3 hours.
Introductory course introduces students to the fundamentals of sound design used in theatre and develops knowledge of the software and hardware used in the industry. Course Information: Prerequisite(s): THTR 155; and consent of the instructor.

THTR 182. Practicum in Theater: Run Crew. 1 hour.
Students will receive hands-on experience in the area of technical theatre by working as run crew in the areas of set, fly, props, lights or costumes for a main stage production. Course Information: May be repeated to a maximum of 3 hours. Students may register in more than one section per term.

THTR 183. Practicum in Theater: Build Crew. 1 hour.
Students will receive hands-on experience in the area of technical theater by working as build crew in the areas of set, fly, props, or costumes for a main stage production. Course Information: May be repeated to a maximum of 3 hours. Students may register in more than one section per term. Class Schedule Information: To be properly registered, students must enroll in one Lecture, one Laboratory, and one Practice.

THTR 201. Theatre History II: Modern Theatre. 3 hours.
Theatre theories and techniques developed between 1870 and the present, notably those of Ibsen, Appia, Stanislavsky, Meyerhold, Brecht, Artaud, and Grotowski. Course Information: Previously listed as THTR 209. Recommended background: THTR 101 is recommended for theatre majors. *UIC GE Creative Arts course*.

THTR 211. Movement II: Body/Space. 3 hours.
Advanced techniques in the physicalization of performance. Focus on relationship of body to space, time, and partner, kinesthetic response and physical action. Introduction to methods such as viewpoints, capoeira, a.o. and contact improvisation. Course Information: Previously listed as THTR 310. Prerequisite(s): Grade of C or better in THTR 111 and Grade of C or better in THTR 121; and sophomore standing or above.

THTR 212. Movement III: Somatics. 3 hours.
Physical theatre course for the actor. Develops self awareness and body use through Alexander Technique and Bartinieff principles. Course Information: Previously listed as THTR 410. Prerequisite(s): Grade of C or better in THTR 211 and Grade of C or better in THTR 261 and Grade of C or better in THTR 221 and advanced physical performance experience; or consent of the instructor.

THTR 217. Movement & Voice I. 3 hours.
Introductory course to build self-awareness of physical and vocal instrument through relaxation, dynamic alignment, concentration, free breath, full release of sound, range of motion, and spatial awareness. Will apply this awareness in performance.

THTR 219. Dance at Hubbard Street. 1 or 2 hour.
Study in specialized areas of dance (ballet, tap, jazz).

THTR 221. Advanced Acting: American Drama. 3 hours.
Students learn techniques of performing classical and modern American drama. Focus on character development and interpreting dramatic action. Course Information: Previously listed as THTR 451. Prerequisite(s): Grade of C or better in THTR 111 and Grade of C or better in THTR 121 and Grade of C or better in THTR 162; and sophomore standing or above.

THTR 222. Advanced Acting: Chekhov. 3 hours.
Students will learn techniques of performing scenes from Chekhov's plays and short stories. Focus on Naturalistic theatre, Psychological Realism and craft of transforming into the character. Course Information: Previously listed as THTR 458. Prerequisite(s): Grade of C or better in THTR 221 and Grade of C or better in THTR 211 and Grade of C or better in THTR 261.

THTR 230. Script Analysis for Theatrical Production. 3 hours.
Examine and apply fundamental techniques theatre artists use to read, analyze, and organize a play script in preparation for theatrical production. Course Information: Prerequisite(s): Consent of the instructor.

THTR 240. Improvisation for the Actor. 3 hours.
Students learn contemporary improvisation history and theory; and develop fundamental improvisation knowledge and skills through various short-form, long-form and sketch-based exercises.

THTR 241. Acting II: Scene Study. 3 hours.
Techniques of interpreting text, character, and dramatic action. Includes attention to alternative dramatic forms and modes of performance. Course Information: Previously listed as THTR 262. Prerequisite(s): Grade of C or better in THTR 141 and Grade of C or better in THTR 217 and Grade of C or better in THTR 230; and sophomore standing or above.

THTR 245. East Asian Theatre. 3 hours.
Survey of traditional theatre forms in China, Japan, and Korea, their cultural contexts, and influence on today's theatre. Students may also choose to research theatres of South East Asia. *UIC GE Creative Arts course*.

THTR 246. Acting Fundamentals for Non-majors II. 3 hours.
Building on Acting Fundamentals (THTR 145), students expand knowledge of theatre ideas/vocabulary and develop acting skill through readings, scene work, audition practices, and attendance at theatre productions in Chicago and UIC. Course Information: Field trips required at a nominal fee. Prerequisite(s): THTR 145 THTR 145 or consent of the instructor.

THTR 250. Scenic Design I. 3 hours.
Introduction to techniques in creating 3-dimensional performance environments including conceptualization, research, drafting, rendering, and model building. Course Information: Prerequisite(s): Grade of C or better in THTR 150. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

THTR 251. Costume Technology II: Intermediate Techniques, Pattern Development, and Costume Construction. 3 hours.
Intermediate course reinforces construction techniques and introduces pattern generation through drafting, draping, and fitting methods. Course Information: Prerequisite(s): THTR 151; or consent of the instructor. Recommended Background: Coursework or experience in clothing construction, design, or production.

THTR 252. Lighting Technology II: Intermediate Topics in Lighting Technology and Theatrical Lighting Controls. 3 hours.
Intermediate course provides a review of fundamental lighting technologies and introduces advanced theatrical lighting controls used in theatrical production. Course Information: Field trip required at a nominal fee. Prerequisite(s): THTR 150 and THTR 152 and THTR 157.

THTR 253. Scenic Technology II: Intermediate Topics in Stagecraft. 3 hours.
Offers topics on a rotating basis and may include: stage properties, scenic painting, furniture construction, and scenic construction. Course Information: Prerequisite(s): THTR 150 and THTR 153 and Credit or concurrent registration in THTR 157; and consent of the instructor.

THTR 254. Stage Management. 3 hours.
Organization and management of personnel and procedures in a theatrical production. Course Information: Previously listed as THTR 270.

THTR 255. Scenic Design II. 3 hours.
Advanced interpretive and practical techniques in creating 3-dimensional performance environments including conceptualization, research, drafting, rendering and model building. Students create a design solution for one of the theatre productions. Course Information: Prerequisite(s): Grade of C or better in THTR 250.

THTR 256. Lighting Design II: Intermediate Topics in Lighting Design for the Stage. 3 hours.
Introduces intermediate interpretive and practical techniques for creating and enhancing 3-dimensional theatrical performance environments through lighting. Course Information: Prerequisite(s): Grade of C or better in THTR 150 and Grade of C or better in THTR 156; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

THTR 258. Costume Design II. 3 hours.
Advanced practical research and rendering techniques in designing stage costumes for use in theatrical productions. Course Information: Prerequisite(s): Grade of B or better in THTR 257. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture-Discussion.

THTR 259. Makeup Design. 3 hours.
Students explore principles of make-up design and application for stage performances, including prosthetics and wigs.Course Information: Prerequisite(s): Grade of B or better in THTR 150 or grade of B or better in THTR 151. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

THTR 261. Voice II: Speech. 3 hours.
The relationship between speech, sound, and dramatic sense. Detailed work on the principles of speech. Advancement of breath and phonation skills from Voice I. Course Information: Prerequisite(s): Grade of C or better in THTR 111 and Grade of C or better in THTR 162 and Grade of C or better in THTR 122.

THTR 264. Voice III: Advanced Voice and Speech. 3 hours.
Advanced techniques in the integration of voice, speech, dialects, and other text-related vocal performance skills. Course Information: Previously listed as THTR 462. Prerequisite(s): Grade of C or better in THTR 211 and Grade of C or better in THTR 221 and Grade of C or better in THTR 261.

THTR 271. Sound Design Topics. 3 hours.
This intermediate to advanced course focuses on topics in sound design, acoustics, physics and technology. Course Information: Prerequisite(s): THTR 150 and THTR 155 and THTR 157 and THTR 170; and consent of the instructor. Course Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Laboratory-Discussion.

THTR 280. Practicum in Performance. 3 hours.
Rehearsal and performance techniques, including script analysis, characterization, voice, movement, directing, or design. Course Information: May be repeated to a maximum of 18 hours. Students may register in more than one section per term. Prerequisite(s): Approval of the department and completion of a successful audition.

THTR 281. Practicum in Theatre Administration. 1-6 hours.
Planning and execution of specific projects in theatre administration and box office; publicity, budget, marketing, house management, and scheduling. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

THTR 282. Practicum in Costuming. 1-6 hours.
Practical experience in all aspects of construction and maintenance, including millinery, mask making, wig making, pattern drafting, and makeup application. Course Information: May be repeated to a maximum of 15 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

THTR 283. Practicum in Technical Theatre. 1-6 hours.
Practical experience in various technical areas: scenery construction, set painting, stage lighting, sound, and properties construction. Course Information: May be repeated to a maximum of 15 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

THTR 284. Seminar on Play in Production. 3 hours.
Research and development for play production using the current University production as an example. Special topics. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Consent of the instructor.

THTR 299. Individual Topics. 1-3 hours.
Individual investigation of special problems. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

THTR 311. Movement IV: Style. 3 hours.
Introduces, explores and applies movement specific to various time periods; including elements of period gesture, dance, and costume. Matches vocal and acting work explored in the same semester. Course Information: Previously listed as THTR 411. Prerequisite(s): Grade of C or better in THTR 212 and Grade of C or better in THTR 222 and Grade of C or better in THTR 264.

THTR 312. Movement V: Character. 3 hours.
Specialized instruction in the subjects of commedia, clowning and mask work. Introduction to 16th and 17th century style of Italian street theatre emphasizing stock characters. physical stunts and improvised text. Course Information: Previously listed as THTR 412. Prerequisite(s): Grade of C or better in THTR 311 and Grade of C or better in THTR 361 and Grade of C or better in THTR 321.

THTR 317. Movement & Voice II. 3 hours.
Introductory work on the actor’s instrument—relaxation, alignment, released and supported sound, spatial dynamics—explored along with emotional access and integration of the instrument and the actor. Course Information: Prerequisite(s): Grade of C or better or concurrent registration in THTR 217.

THTR 321. Advanced Acting: Shakespeare. 3 hours.
Students learn techniques of performing monologues and scenes from Shakespeare's plays. Focus on Magical Realism and techniques of performing in verse. Course Information: Previously listed as THTR 452. Prerequisite(s): Grade of C or better in THTR 222 and Grade of C or better in THTR 264 and Grade of C or better in THTR 212; and junior standing or above; or consent of the instructor.

THTR 322. Advanced Acting: Brecht, Beckett, Pinter. 3 hours.
Techniques of performing styles in the theatre of alienation and the theatre of the absurd. Focus on interpreting characters from plays by Brecht, Beckett and Pinter. Course Information: Previously listed as THTR 467. Prerequisite(s): Grade of C or better in THTR 311 and Grade of C or better in THTR 321 and Grade of C or better in THTR 361.

THTR 331. Page to Stage: Adaptation of Text for Theatrical Performance. 3 hours.
Explores the history, methods, ethics, and aesthetics of adapting non-dramatic texts including fiction, non-fiction, personal narratives and found texts for theatrical performance. No adaptation experience required. Course Information: Previously listed as THTR 231.

THTR 332. Performance Ethnography. 3 hours.
Students engage performance as a subject and method of study as they investigate the methods and ethics of conducting ethnographic research and creating performance in order to explore how people express, negotiate, and create identity and meaning. Course Information: Same as ANTH 332. Previously listed as THTR 350. Field work required. Recommended background: Considerable interest in performance and/or ethnography is important; but no formal performance or ethnography training is required. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

THTR 333. Stage Direction. 3 hours.
Exploration of conceptual planning and implementation skills for the stage director ranging from script interpretation to rehearsal and performance. Course Information: Previously listed as THTR 465. Performance projects required. Prerequisite(s): Grade of C or better in THTR 101 and Grade of C or better in THTR 201 and Grade of C or better in THTR 230; and Grade of C or better in THTR 121 or Grade of C or better in THTR 141.

THTR 341. Acting III: Classics. 3 hours.
Students will learn the history, structures, and elements of classical theatre; explore heightened language; and apply this to performance of Greek drama, Commedia Dell'arte, and the plays of Shakespeare, Moliere, Chekhov or Shaw. Prerequisite(s): Grade of C or better or concurrent registration in THTR 141 and Grade of C or better or concurrent registration in THTR 241 and Grade of C or better or concurrent registration in THTR 230.

THTR 351. Costume Technology III: Advanced Techniques in Costume Crafts. 3 hours.
Advanced course introduces students to specialized production techniques in the field of costume crafts, including alternative construction materials and safety procedures for these materials. Course Information: May be repeated. Prerequisite(s): Grade of B or better in THTR 151; or consent of the instructor.

THTR 352. Lighting Technology III: Advanced Lighting Technology and Controls for Production. 3 hours.
Advanced course expands students' knowledge of lighting technologies, controls and visualization tools used in the entertainment industry. Students will have the opportunity to develop professional relationships. Course Information: Field trip required at a nominal fee. Prerequisite(s): THTR 150 and THTR 152 and THTR 252.

THTR 353. Scenic Technology III: Advanced Technical Problems. 3 hours.
Advanced course introduces students to theories and techniques in technical direction for theatrical productions and covers topics in scenic construction, material selection, fabrication processes, and applied project management. Course Information: Prerequisite(s): THTR 150 and THTR 153 and THTR 157; and consent of the instructor.

THTR 354. Stage Management Topics. 3 hours.
Intermediate to advanced course focuses on topics of theatrical production and personnel management. Prerequisite(s): THTR 150 and THTR 154; and consent of the instructor.

THTR 355. Scenic Design III: Advanced Scenic Design for the Stage. 3 hours.
Advanced course builds upon visual and verbal communication, collaboration skills, using interpretive and practical techniques in conceptualization, creating 3-dimensional scenic design model, research, drafting, model making, paint elevation. Course Information: Prerequisite(s): THTR 154 and THTR 155 and THTR 157 and THTR 250 and THTR 255; and consent of the instructor.

THTR 356. Lighting Design III: Advanced Lighting for the Stage. 3 hours.
Advanced course develops advanced visual and verbal design collaboration skills, and expands knowledge of the creative and implementation process. Students create lighting design projects from a music or movement based source material. Course Information: Field trip required at a nominal fee. Prerequisite(s): THTR 155 and THTR 156 and THTR 256; and consent of the instructor.

THTR 358. Costume Design III: Advanced Costume Design for the Stage. 3 hours.
Builds upon visual and verbal communication skills and delves further into critical analysis and interpretation of classical and contemporary texts. Students will create full costume designs for two theatrical texts. Course Information: Prerequisite(s): Grade of B or better in THTR 155 and Grade of B or better in THTR 158 and Grade of B or better in THTR 258; or consent of the instructor. Recommended background: Grade of B or better in THTR 151 and Grade of B or better in THTR 251.

THTR 361. Voice IV: Text Styles. 3 hours.
Techniques in various styles of classical and contemporary text, especially heightened language. Course Information: Previously listed as THTR 477. Prerequisite(s): Grade of C or better in THTR 212 or Grade of C or better in THTR 222 or Grade of C or better in THTR 264.

THTR 362. Voice V: Dialects. 3 hours.
Techniques in acting through song and performing in a dialect in musicals and/or plays. Course Information: Previously listed as THTR 478. Prerequisite(s): Grade of C or better in THTR 311 and Grade of C or better in THTR 321 and Grade of C or better in THTR 361.

THTR 383. Special Projects in Theatrical Design. 1-3 hours.
Design for the contemporary stage and other performance spaces. Problems in conceptualization, realization, and execution. Course Information: May be repeated. Previously listed as THTR 464. Prerequisite(s): Grade of C or better in THTR 250; or consent of the instructor.

THTR 384. Teaching Artist Seminar. 3 hours.
Introduces students to history of arts in education, and provides hands-on training that prepares them to serve as teaching artists in elementary, high-school, and community settings. Course Information: Prerequisite(s): Junior standing or above; or consent of the instructor. Students must have satisfactorily completed at least one 200-level practice-based course in the Departments of Theatre, Music, or Art.

THTR 385. Teaching Artist Practicum. 3 hours.
Provides students who have completed the teaching artist seminar course with an opportunity to develop expertise as teaching artists through 6-to10-week internship placements with master teachers at Chicago organizations. Course Information: Prerequisite(s): THTR 384; and consent of the instructor.

THTR 388. Special Projects in Performance Training. 3 hours.
Training in varying advanced techniques of performance. Course Information: May be repeated to a maximum of 9 hours. Previously listed as THTR 466. Prerequisite(s): Consent of the instructor.

THTR 403. Topics on Performance. 3 hours.
Explores topics of contemporary performance history, theory or practice. Course Information: Previously listed as THTR 463. Prerequisite(s): Consent of the instructor.

THTR 413. Movement VI: Movement Lab. 3 hours.
Ensemble created physical theatre. Introduction to devised work. Course Information: Prerequisite(s): Grade of C or better in THTR 312 and Grade of C or better in THTR 322 and Grade of C or better in THTR 362.

THTR 421. Advanced Acting: Ensemble. 3 or 4 hours.
Students develop a performance as they learn techniques and models for working within an ensemble. Course Information: 3 undergraduate hours. 4 graduate hours. May be repeated up to 1 time(s). Previously listed as THTR 459. Prerequisite(s): Grade of C or better in THTR 312 and Grade of C or better in THTR 322 and Grade of C or better in THTR 362.

THTR 422. Advanced Acting: Audition. 3 hours.
Selection and performing of audition pieces from theatre, film and television. Professional seminars and discussions with actors, directors, agents and casting directors. Course Information: Previously listed as THTR 475. Prerequisite(s): Grade of C or better in THTR 413 and Grade of C or better in THTR 321 and Grade of C or better in THTR 461; and senior standing or above; or consent of the instructor.

THTR 431. Playwriting. 3 hours.
The development of scripts for stage performance. Course Information: Same as ENGL 495. Previously listed as THTR 423. Prerequisite(s): Consent of the instructor. Recommended background: For BA Theatre majors: THTR 101, 201, and 230.

THTR 435. Contemporary Performance Techniques. 3 hours.
The relationship of contemporary theory and performance techniques with attention to both text and non-text based forms. Topics vary. Performance projects required. Course Information: Previously listed as THTR 470. Prerequisite(s): Grade of C or better in THTR 101 and Grade of C or better in THTR 201 and Grade of C or better in THTR 230; and Grade of C or better in THTR 121 or Grade of C or better in THTR 141.

THTR 444. Drama in Its Cultural Context I. 3 or 4 hours.
Drama in its social and cultural context, through the seventeenth century. Course Information: 3 undergraduate hours. 4 graduate hours.

THTR 445. Drama in Its Cultural Context II. 3 or 4 hours.
Drama in its social and cultural context, eighteenth to twentieth centuries. Course Information: 3 undergraduate hours. 4 graduate hours.

THTR 448. The Business of Theatre: A Career in the Arts. 3 hours.
Prepares theatre students to navigate an ever-changing professional landscape as focused and well-rounded theatre artists. Students work with a primary instructor and local professionals. Students create a personalized professional plan. Course Information: Prerequisite(s): Grade of C or better in THTR 101 and Grade of C or better in THTR 141 and Grade of C or better in THTR 182 and Grade of C or better in THTR 183 and Grade of C or better in THTR 201 and Grade of C or better in THTR 217; and Grade of C or better in THTR 230; and senior standing or above; and approval of the department. Recommended Background: Grade of C or better in THTR 241 and Grade of C or better or concurrent registration in THTR 317 and Grade of C or better or concurrent registration in THTR 341.

THTR 449. Capstone: Senior Project. 3 hours.
Students in their final year will develop, perform in, direct or author a performance piece that will be presented as their capstone project in front of audience. Course Information: Prerequisite(s): Grade of C or better in THTR 141 and Grade of C or better in THTR 101 and Grade of C or better in THTR 201 and Grade of C or better in THTR 150 and Grade of C or better in THTR 151 and Grade of C or better in THTR 230; and THTR 217 and THTR 241 and THTR 317 and THTR 341 and ISA 120; and THTR 431 or THTR 333 or THTR 332 or THTR 231 or THTR 240 or THTR 435; and approval of the department.

THTR 450. Portfolio Production. 3 hours.
Students learn portfolio production and presentation protocols and techniques-both aural and visual-and produce a professional portfolio of their design work. Course Information: Prerequisite(s): Grade of C or better or concurrent registration in THTR 141 and Grade of C or better in THTR 101 and Grade of C or better in THTR 201 and Grade of C or better in THTR 230 and Grade of C or better or concurrent registration in THTR 254; and Grade of C or better in THTR 150 and Grade of C or better in THTR 155 and Grade of C or better or concurrent registration in THTR 154 and Grade of C or better or concurrent registration in THTR 157; and Grade of C or better in AH 111; and junior standing or above; and consent of the instructor. Completion of DPT coursework through the 200-level in one or more specific areas.

THTR 461. Voice VI: Voice Lab. 3 hours.
Ensemble and individual experiences in various advanced voice and speech techniques. Course Information: Previously listed as THTR 479. Prerequisite(s): Grade of C or better in THTR 312 and Grade of C or better in THTR 322 and Grade of C or better in THTR 362.

THTR 491. Study Abroad in Theatre. 0-16 hours.
Study abroad within an approved foreign exchange program or departmentsponsored program. Course Information: May be repeated with approval. Approval to repeat course granted by the department. Prerequisite(s): Approval of the department.

THTR 494. Internship. 1-8 hours.
Students work in an approved professional setting. Individual projects developed through conferences with a faculty member and a field supervisor. Course Information: May be repeated for a maximum of 6 hours for undergraduate students; or 8 hours for graduate students. Undergraduate credit should be in multiples of 3. Only three hours may be applied toward theatre major requirements. Prerequisite(s): Senior standing or above and 12 hours of upper-division courses in theatre, with a 3.00 grade point average in those courses and approval of the department.

THTR 498. Independent Study. 1-4 hours.
Individual investigation of special problems that may be student-initiated or related to faculty research. May also be used for special University-sponsored projects, such as interdisciplinary seminars. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Prerequisite(s): Senior or graduate standing and approval of the department.

Urban and Public Affairs (UPA)

Courses

UPA 120. Urban and Public Affairs Seminar I. 1 hour.
Introduces first year students to the College of Urban Planning and Public Affairs. Emphasizes competencies such as public speaking, presentations, dialogue around controversial urban and policy issues, effective teamwork, conflict resolution, communication and proposal writing. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Undergraduate student with fewer than 24 credit hours. No graduation credit given to students enrolled in Graduate College.

UPA 121. Urban and Public Affairs Seminar II. 1 hour.
Introduces first year students to the College of Urban Planning and Public Affairs. Emphasizes competencies such as analysis of controversial urban and policy issues, effective teamwork, project planning and management, and professional communication. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Continuing or entering student with fewer than 24 credit hours.

UPA 498. Independent Study in Urban Planning and Public Affairs. 1-3 hours.
Provides an opportunity for students to pursue an independent project that is not availble through the required UPA coursework. Course Information: Same as UPP 498. May be repeated for a maximum of 6 hours. Prerequisite(s): Admission to the BA in Urban and Public Affairs Program or consent of the instructor.

Urban Planning and Policy (UPP)

Courses

UPP 220. Latin American Cities in a Global Context: Environment, Employment, and Housing. 3 hours.
Global economic trends impacting Latin American cities, with a focus on three urban planning issues: environment, employment and housing. Growing inequality, precarious employment, spatial segregation, and squatter settlements will be explored. Same as LALS 220. Recommended background: LALS 101.

UPP 302. Great Cities Internship. 6 hours.
Provides students an opportunity to apply theoretical knowledge and conduct research in metropolitan organizations through field placements and seminars. Course Information: Same as POLS 302. Prerequisite(s): Junior or senior standing and grade point average of 3.00, or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

UPP 403. Just and Sustainable Planning Practices for Great Cities. 3 or 4 hours.
Introduces and explores urban planning practices, with an emphasis on sustainability and social and environmental justice. Addresses real-world sustainable planning problem. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Advanced undergraduate standing or consent of the instructor.

UPP 405. Researching the City. 0-4 hours.
Addresses basic issues of quantitative reasoning in planning and policy, including use of data sources, organizing, sorting, managing, and analyzing data. Emphasizes presenting findings visually and in writing. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Field work required. Prerequisite(s): Grade of C or better in ECON 120; and junior standing or above; or consent of the instructor. Recommended background: Grade of B or better or concurrent registration in US 202. To be properly registered, students must enroll in one Lecture and one Discussion/Recitation.

UPP 420. Great Cities: London and Chicago. 1-8 hours.
Comparative investigation of urban, economic, social, and political issues in the two global cities. Includes classes, study, and living in London. Course Information: Field work required. Prerequisite(s): Junior standing or above and selection by the Office of Study Abroad admission committee.

UPP 452. The UIC Freshwater Lab Course. 3 or 4 hours.
Brings a Humanities lens to the Great Lakes watershed to examine how water interacts with socio-political systems, legal structures, cultural perceptions, and artistic visions. Course Information: Same as ENGL 452 and PA 452. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): ENGL 160 and ENGL 161.

UPP 453. Freshwater Lab in Practice: Environmental Research, Projects, and Internships. 3 or 4 hours.
Investigates key issues surrounding Great Lakes water governance through a combination of hands-on research and professional development in fields related to environmental policy, planning, writing and communication. Course Information: Same as ENGL 453 and PA 453. 3 undergraduate hours; 4 graduate hours. This course offers an internship placement opportunity. Depending on placement/start date, students may begin internship work during the second half of the semester or during the summer. Prerequisite(s): ENGL 160 and ENGL 161.

UPP 458. Introduction to Geospatial Analysis and Visualization I. 2 hours.
A basic introduction to the softwares used and rules governing effective communication of geospatial and other data in visual format. Course Information: Extensive computer use required. Meets eight weeks of the semester. Credit is not given for UPP 458 if the student has credit in UPP 460. Prerequisite(s): Graduate standing.

UPP 459. Introduction to Geospatial Analysis and Visualization II. 2 hours.
In-depth instruction in softwares used and rules governing effective communication of geospatial and other data in visual format. Exploration of design principles for communicating complex information in a variety of formats. Course Information: Credit is not given for UPP 459 if the student has credit in UPP 460. Extensive computer use required. Meets eight weeks of the semester. Prerequisite(s): Grade of B or better in UPP 458; and senior standing or above; or consent of the instructor.

UPP 460. Introduction to Geospatial Analysis and Visualization. 3 or 4 hours.
Exploration of geospatial analysis and visualization theory and tools; how to appropriately choose and use tools. Cognition, communication, modeling, cartography, web authoring, 3-D visualization, and aerial and satellite photography.Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Centrino 2 Duo processor, 2 GB RAM and 100 GB hard drive minimum recommendations. Prerequisite(s): Junior standing or above; and approval of the deparment. Priority registration will be given to students admitted to the campus certificate program in Geospatial Analysis and Visualization.

UPP 461. Geographic Information Systems for Planning and Policy. 3 or 4 hours.
Applications of Geographic Information Systems to understanding spatial relationships for their importance in planning use and policy making across a variety of disciplines/policy sectors. Course Information: Same as GEOG 469. 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Junior standing or above; and consent of the instructor. Students enrolled in the Geographic Information Systems minor must first complete US 261 and US 361, in this sequential order. Priority registration will be given to students admitted to a campus certificate program in Geospatial Analysis and Visualization.

UPP 462. Intermediate GIS for Planning and Policy. 3 or 4 hours.
To reinforce and expand on topics taught in UPP 461 and introduce more advanced features of GIS and its applications to urban planning and policy. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Grade of C or better in UPP 461; and junior standing or above; or consent of the instructor. Priority registration will be given to students admitted to the campus Certificate in Geospatial Analysis and Visualization.

UPP 463. Complexity-based Models for Planning and Policy. 3 or 4 hours.
Introduction to complexity-based models and their possible applications to a range of planning and public policy issues. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Prerequisite(s): Junior standing or above; and approval of the deparment. Priority registration will be given to students admitted to the campus certificate program in Geospatial Analysis and Visualization. Recommended background: Experience in object-oriented programming is helpful but not required.

UPP 464. Advanced Visualization Techniques. 3 or 4 hours.
Specialized computational abilities for various planning areas including: database and spreadsheet analyses, spatial information systems, imageries and image editing, 3D modeling and virtual reality, hypermedia or multimedia, and the internet. Course Information: 3 undergraduate hours. 4 graduate hours. Extensive computer use required. Centrino 2 Duo with at least 2GB RAM and 110 GB hard drive minimum recommended specifications. Prerequisite(s): Junior standing or above; and approval of the deparment. Priority registration will be given to students admitted to the campus certificate program in Geospatial Analysis and Visualization.

UPP 465. Topics in Geospatial Analysis and Visualization. 0-5 hours.
Intensive exploration of specialized topics in Geospatial Analysis and Visualization. Course Information: 1 to 4 undergraduate hours. 2 to 5 graduate hours. May be repeated to a maximum of 9 hours for undergraduate students and 12 hours for graduate students. Students may register in more than one section per term. Extensive computer use required. Prerequisite(s): Grade of B or better in UPP 460; or Grade of B or better in UPP 461; and appropriate score on the department placement test; and senior standing or above; and consent of the instructor.

UPP 470. Cohort Seminar for Urban Developers. 3 or 4 hours.
Application of the financial calculator, use of spreadsheets, and other tools commonly used in real estate-based urban development projects. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

UPP 471. Housing and Community Development for Urban Developers. 3 or 4 hours.
Housing policy at federal, state and local levels affecting urban housing markets. Emphasis on assessment of market conditions affecting community development decisions. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): UPP 470 or consent of the instructor.

UPP 472. Development Finance For Urban Developers. 3 or 4 hours.
Key financial principles of real estate development, particularly those related to the financing of affordable housing. How to develop a real estate pro forma. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

UPP 473. Organizational Essentials for Urban Developers. 3 or 4 hours.
Theory and practice of management in public and non-profit settings. Focus on developing communication, leadership and legal skills for each step in development. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

UPP 474. Community Development Process for Urban Developers. 3 or 4 hours.
Developing affordable housing: development team, acquisition strategy, legal issues, construction management and project sustainability, as it pertains to different types of housing developments. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

UPP 475. Sustaining the Housing for Urban Developers. 3 or 4 hours.
Introduces students to a range of management issues: property management and maintenance, resident relations and services, and financial/ asset management as it relates to sustaining affordable housing. Course Information: 3 undergraduate hours. 4 graduate hours. Prerequisite(s): Consent of the instructor.

UPP 492. Topics in Urban and Public Affairs. 3 hours.
In depth study of selected issues of urban and public affairs. Course Information: May be repeated to a maximum of 6 hours. Students may register for more than one section per term. Prerequisite(s): Admission to the BA Program in Urban and Public Affairs or consent of the instructor.

UPP 493. Topics in Urban Planning and Policy. 1-4 hours.
Intensive analysis of selected planning problems or policy issues. Course Information: May be repeated to a maximum of 12 hours. Students may register for more than one section per term. Prerequisite(s): Junior standing or above; and consent of the instructor.

UPP 494. Senior Capstone Experience in Urban and Public Affairs I. 3 hours.
A selection of a capstone topic and introductory research on the topic. Course Information: Field work required. Prerequisite(s): Senior standing or above; Admission to the BA in Urban and Public Affairs Program or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Conference.

Urban Studies (US)

Courses

US 100. Concepts in Geography. 3 hours.
Geographic concepts drawn from the areas of cultural, urban, economic, global, and regional geography. Course Information: Same as GEOG 100. Class Schedule Information: To be properly registered, students must enroll in one Discussion/Recitation and one Lecture. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

US 101. Introduction to Urban Studies. 3 hours.
General survey of urban issues and experience using an interdisciplinary approach. Course Information: Previously listed as UPP 101. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE US Society course*.

US 130. Principles of Urban Sustainability. 3 hours.
Introduces students to fundamental principles, interdisciplinary approaches, historical trends, policies and planning programs that promote sustainability in urban regions. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE US Society course*.

US 140. Introduction to Urban Transportation. 3 hours.
Examines how different layers of transportation systems are planned, operated and managed; effect of time and spatial scales; how systems address mobility and access; long term impacts of policy; effect of transportation technology on urban form. Course Information: Field work required. *UIC GE Individual and Society course*.

US 199. Independent Study in Urban Studies. 1-3 hours.
Study and analysis of topics selected by the student under the guidance of a faculty advisor. Course Information: May be repeated to a maximum of 6 hours. Students may register in more than one section per term. Previously listed as UPP 199. Prerequisite(s): Consent of the instructor.

US 202. Social Justice and the City. 3 hours.
Overview of diversity, justice, and equity within an urban framework; cultural shifts and political movements shaping concerns about social justice; theoretical approaches and literature explaining forces and factors underlying these issues. Course Information: Previously listed as UPP 202. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion. *UIC GE US Society course*.

US 205. Cinema and the City. 3 hours.
Explores how diverse societies, cities and urban phenomena are represented in film at different points in history, explores theories of urbanism and individual relationships to cities and urban society and institutions. Course Information: Previously listed as UPP 205. Students are required to view films outside of regular class hours. Class schedule information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE Individual and Society course*.

US 208. Mapping the Urban: Cartography and its Alternatives. 3 hours.
Maps both represent space and influence the spatial imaginary. From traditional cartography to new media, the course will explore the power and possibilities of mapping and counter-mapping as narratives of space, power and social relations. Course Information: Same as GEOG 208. Previously listed as UPP 208. *UIC GE Individual and Society course*.

US 220. Latin American Cities in a Global Context: Environment, Employment, and Housing. 3 hours.
Global economic trends impacting Latin American cities, with a focus on three urban planning issues: environment, employment and housing. Growing inequality, precarious employment, spatial segregation, and squatter settlements will be explored. Course Information: Same as LALS 220. *UIC GE Individual and Society course, and UIC GE World Cultures course*.

US 230. Practices for Sustainable Cities. 3 hours.
Provides an introduction to topical issues of sustainable urban development and surveys emerging sustainability practices. Course Information: Prerequisite(s): Sophomore standing or above; or consent of the instructor. Recommended background: Grade of C or better in US 130. To be properly registered, students must enroll in one Lecture and one Discussion/Recitation. *UIC GE US Society course*.

US 240. Urban and Community Economics. 3 hours.
Surveys economic perspectives on urban processes, including the location decisions of households and firms, the determinants of urban economic development, and the theory and practice of community economic development. Class Schedule Information: To be properly registered, students must enroll in one Lecture and one Discussion/Recitation.

US 250. Analyzing the City. 3 hours.
Addresses basic issues of quantitative reasoning in urban studies, including use of data sources, organizing, sorting, managing, and analyzing data. Emphasizes presenting findings visually, in writing, and through social media. Course Information: Extensive computer use required. Recommended background: Grade of B or better or concurrent registration in US 202.

US 261. Mapping, Data, and Geographic Information Systems. 3 hours.
Provides an introduction to the tools and techniques of mapping, the relationship between data and cartography, and the basic concepts of geographic information systems softwares. Course Information: Extensive computer use required. Field work required. Prerequisite(s): Sophomore standing or above; or consent of the instructor.

US 296. Special Topics in Urban Studies. 3 hours.
Special Topics in Urban Studies. Course Information: Field trip required at a nominal fee. Prerequisite(s): Sophomore standing or above; or consent of the instructor. Recommended background: Nine hours of coursework in Urban Studies or Public Policy, including credit or concurrent registration in one course at the 200-level.

US 301. Political Economy of Urban Development. 3 hours.
Political and economic approaches to the study of urban life, urban problems and the built environment. Course Information: Previously listed as UPA 301. Field work required. Prerequisite(s): Grade of C or better in US 240; or Grade of B or better in ECON 120; and senior standing or above; or consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in on Lecture and one Discussion/Recitation.

US 304. Visualizing the City: Methods and Tools for Representing the City. 3 hours.
Addresses basics of visualization methods and techniques of representing the physical environment. Course Information: Previously listed as UPA 304. Field work required. Prerequisite(s): Open only to juniors and seniors; and approval of the department or admission to the BA Program in Urban Studies. Class Schedule Information: To be properly registered, students must register for one Lecture and one Discussion/Recitation.

US 306. Urban Policy Analysis Methods. 3 hours.
Introduces students to the basics of policy and program evaluation using rational model. Needs analysis, performance evaluation, data collection methods and analysis, discounting valuation problems. Course Information: Previously listed as UPA 306. Prerequisite(s): Grade of C or better in US 240; or Grade of B or better in ECON 120; and junior standing or above; or consent of the instructor.

US 308. Globalization and Environmental Planning. 3 hours.
How globalization and climate change are impacting cities. Examines new toolkits, activist movements, and mitigation strategies in urban governance and environmental planning. Considers local political economic contexts and implications for justice. Course Information: Previously listed as UPP 308. Prerequisite(s): Grade of C or better in US 240; or Grade of B or better in ECON 120; or consent of the instructor.

US 309. Public Budgeting and Financial Management. 3 hours.
Government budgeting, financial, management and the reciprocal relationship between government and the economy. Course Information: Same as PPOL 309. Prerequisite(s): PPOL 210 and admission to the BA in Public Policy or Urban Studies; or consent of the instructor.

US 361. Introduction to Geographic Information Systems I. 3 hours.
Geographic Information Systems (GIS) adds spatial analysis and communication to the critical thinking toolbox. This course, the first in a two semester sequence, introduces students to basic GIS data concepts and map making techniques. Course Information: Extensive computer use required. Students must have access to a PC on which they can install software, and meeting the system requirements detailed on the ESRI website at: http://www.esri.com/software/arcgis/arcgis-for-desktop/system-requirements. Prerequisite(s): Sophomore standing or above and Grade of C or better in US 261 or equivalent; or instructor approval. Recommended background: Grade of C or better or concurrent registration in US 100 or Grade of C or better in GEOG 175.

US 362. Introduction to Geographic Information Systems II. 3 hours.
Geographic Information Systems (GIS) adds spatial analysis and communication to the critical thinking toolbox. This course, the second in a two semester sequence, introduces students to basic GIS data concepts and map making techniques. Course Information: Extensive computer use required. Students must have access to a PC on which they can install software, and meeting the system requirements detailed on the ESRI website at: http://www.esri.com/software/arcgis/arcgis-for-desktop/system-requirements. Prerequisite(s): Grade of B or better in US 361; and sophomore standing or above. Recommended background: Grade of C or better or concurrent registration in GEOG 100.

US 390. Sustainability Internship. 3 hours.
Provides an intellectual framework for students to apply classroom learning to hands-on project-based internships that advance the overall mission of greater social, economic and environmental sustainability in the campus community. Course Information: Same as PUBH 390. Students will be placed in internships with UIC departments and units for approximately 8 hours per week. Prerequisite(s): Grade of C or better in US 130; or Grade of C or better in PHYS 116. Open only to sophomores, juniors, and seniors; or consent of the instructor.

US 490. International Student Exchange Program. 0-18 hours.
The Student Exchange Program enables the reciprocal exchange of students between UIC and colleges or universities in other countries. There are a variety of programs tailored to meet the needs of CUPPA students. Course Information: May be repeated for a maximum of 36 credit hours per academic year or for a total of 48 hours, all of which must be earned within one calendar year. Determination of the number of credits to be granted is part of the proposal approval process. Previously listed as UPA 490. Field work required. Prerequisite(s): Completion of the English Composition requirement; and junior standing or above; and approval of the College of Urban Planning and Public Affairs; and approval of the Office of International Affairs.

US 491. Internship Experience in Public Policy and Urban Studies. 3 hours.
Two hundred twenty-five hours of service learning/practical experience through an internship placement approved by the Urban Studies Program. Course Information: Same as PPOL 491. Satisfactory/Unsatisfactory grading only. May be repeated. Previously listed as UPA 491. Field work required. Prerequisite(s): Sophomore standing or above; or consent of the instructor.

US 495. Senior Capstone Experience in Urban Studies. 3 hours.
Students synthesize and draw upon knowledge learned in the program to engage in projects in the urban community. Course Information: Previously listed as UPP 495. Field work required. Prerequisite(s): UPP 405; and senior standing or above; or consent of the instructor or admission to the Urban Studies major. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Conference.

US 498. Independent Study in Urban Studies. 1-3 hours.
Provides an opportunity for students to pursue an independent project that is not availble through the required US coursework. Course Information: May be repeated to a maximum of 6 hours. Prerequisite(s): Open only to juniors and seniors; or consent of the instructor. Previously listed as UPP 498.

Archive and Links

Catalog Archives

- 2025-2026 Undergraduate Catalog (Archived Fall 2025)
- 2024-2025 Undergraduate Catalog (Archived Fall 2024)
- 2023-2024 Undergraduate Catalog (Archived Summer 2023)
- 2021–2023 Undergraduate Catalog (Archived Summer 2021)
- 2019-2021 Undergraduate Catalog (Archived Summer 2019)
- 2017-2019 Undergraduate Catalog (Archived Summer 2017)
- 2015–2017 Undergraduate Catalog (Archived Summer 2015)
- 2013–2015 Undergraduate Catalog (PDF of published version)
- 2011–2013 Undergraduate Catalog (PDF of published version)
- 2009-2011 Undergraduate Catalog (PDF of published version)
- 2007–2009 Undergraduate Catalog (PDF of published version)
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- 2003-2005 Undergraduate Catalog (PDF of published version)

Links

- XE Registration at my.UIC
- Office of Access and Equality
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