

# Public Health (PUBH)

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## 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 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.