

Epidemiology and Biostatistics

Admission Requirements

- **Prior Degree** Bachelor's degree in any field.
- **Grade Point Average** Admitted students typically have at least a combined undergraduate/graduate grade point average of 3.00/4.00. However, all applicants are given a holistic evaluation of their application. Applicants with less than a 3.00 are encouraged to apply if they believe that their application is strong in other areas.
- **Tests** GRE is optional, highly recommended.
- **Letters of Recommendation** Three required, uploaded via the SOPHAS application.
- **Resume or CV** Required, uploaded via the SOPHAS application.
- **Personal Statement** Applicants will upload a 500-800 word statement focused on their interests/experiences in public health and the program they are applying to specifically, goals with the degree, and why they would be successful in the program. For students applying to research focused programs, the personal statement should also address potential research interests.
- **Minimum English Competency Test Score for International Applicants**
 - **TOEFL** 80, with subscores of Reading 19, Listening 17, Speaking 20, and Writing 21 (iBT Test); 60, with subscores of Reading 19, Listening 17, Writing 21 (revised Paper-Delivered Test), **OR**,
 - **IELTS** 6.5, with subscores of 6.0 for all four subscores, **OR**,
 - **PTE-Academic** 54, with subscores of Reading 51, Listening 47, Speaking 53, and Writing 56.

Degree Requirements

Minimum Semester Hours Required

- MPH, Concentration in Biostatistics: 46
- MPH, Concentration in Epidemiology: Comprehensive Program, 53; Professional Enhancement Program, 42

Course Work Students in the MPH program at UIC School of Public Health are required to complete 18-20 hours of school-wide core curriculum, two non-credit trainings, and concentration-specific requirements.

School-Wide Core Requirements

Code	Title	Hours
Required Courses		
IPHS 401	Determinants of Population Health	
IPHS 404 & IPHS 405	Analytic and Research Methods in Population Health Part I and Analytic and Research Methods in Population Health Part II	
or IPHS 402	Analytic and Research Methods in Public Health	
IPHS 403	Public Health Systems, Management and Community Health Methods	
IPHS 420	Interprofessional Education	
IPHS 650	Applied Practice Experience	
IPHS 698	Integrative Learning Experience	

Non-Credit Training Requirements

Code	Title	Hours
Required Training		
	Title IX Training - Sexual Harassment	
	SPH Academic Integrity Tutorial	

Concentration Requirements

In addition to School-Wide Core requirements and Non-Credit Training requirements, students complete the the following divisional core and concentration requirements for their chosen concentration.

MPH with a Concentration in Biostatistics

Code	Title	Hours
Divisional Core Requirements (23 Hours)		
BSTT 401	Biostatistics II	
BSTT 402	Health Policy for Epidemiologists and Biostatisticians	
BSTT 413	Introduction to Data Analysis w/ R	
BSTT 505	Logistic Regression and Survival Analysis	
BSTT 506	Design of Clinical Trials	
BSTT 537	Longitudinal Data Analysis	
EPID 404	Intermediate Epidemiologic Methods	
EPID 406	Epidemiologic Computing	

Electives

Students may select any graduate-level course to complete the minimum required 46 semester hours. Students are encouraged to choose additional methodology courses in areas such as survey planning and sampling, big data and health analytics, or geographical information systems (GIS).

Other Requirements

- Students in Biostatistics are allowed only one grade of C in required courses. A student who receives two Cs in required courses will not be allowed to graduate from the program. A student may retake a course one time and attempt to replace the C with a higher grade.
- Students who plan to conduct research involving human subjects must undergo training and obtain approval of their protocol by the Institutional Review Board (IRB) before beginning the research.

MPH with a Concentration in Epidemiology

Code	Title	Hours
Divisional Core Requirements (19 Hours)		
EPID 402	Health Policy for Epidemiologists and Biostatisticians	
EPID 404	Intermediate Epidemiologic Methods	
EPID 406	Epidemiologic Computing	
EPID 410	Epidemiology of Infectious Diseases	
EPID 411	Epidemiology of Chronic Diseases	
EPID 591	Current Epidemiologic Literature	
BSTT 401	Biostatistics II	

Electives

Students in the Comprehensive Program complete 16 semester hours of electives.

Students in the Professional Enhancement Program must complete the number of electives necessary to bring total program hours to a minimum of 42 semester hours.

Students may use their electives to pursue a course of study in a divisional concentration; or may customize their program of study by selecting from a broad range of course work to meet their career goals and interests. Chosen electives must create a coherent program of study which adds depth to the student's training in Epidemiology and furthers the student's attainment of the program competencies.