

EPIDEMIOLOGY

The Comprehensive MPH program requires a minimum of 53 semester hours (SH). The Professional Enhancement Program (PEP) requires a minimum of 42 semester hours (SH). Both programs are designed for completion in 2 years when enrolled full-time.

School-Wide Core Requirements (18-20 SH)

Course	Title	Credits
IPHS 401	Determinants of Public Health	4 SH
IPHS 402	Analytic and Research Methods in Public Health (onsite)	6 SH
	OR	
IPHS 404	Analytic and Research Methods in Public Health Part 1 (online)	3 SH
	AND	
IPHS 405	Analytic and Research Methods in Public Health Part 2 (online)	3 SH
IPHS 403	Public Health Systems, Policy and Management	4 SH
IPHS 650	Field Experience in Public Health	3 SH
IPHS 698	MPH Integrative Learning Experience	1 SH
IPHS 420 *	Interprofessional Education	0 SH
Required Non-Credit Training:		
HIPAA Research (https://about.citiprogram.org/en/course/health-privacy/)		
Human Subjects Research (https://about.citiprogram.org/en/course/human-subjects-research-2/)		
HIPAA Research Training		Non-credit
Investigator Training 101		Non-credit

***Interprofessional Education will be approved by campus Fall 2018**

Divisional Core Requirements (18 SH)

Course	Title	Credits
EPID 404	Intermediate Epidemiologic Methods	4 SH
EPID 406	Epidemiologic Computing	3 SH
EPID 410	Epidemiology of Infectious Diseases	2 SH
EPID 411	Epidemiology of Chronic Diseases	3 SH
EPID 591	Current Epidemiologic Literature	2 SH
BSTT 401	Biostatistics II	4 SH

Electives

Comprehensive students may use their electives to pursue a course of study in the following 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. **PEP** students must complete the number of electives necessary to bring total program hours to a minimum of 42 semester credit hours.

EPIDEMIOLOGY CONCENTRATIONS

MATERNAL AND CHILD HEALTH EPIDEMIOLOGY CONCENTRATION (minimum 55 SH)

Students in the MPH in MCH Epidemiology concentration are required to take a program that combines courses in Epidemiology with courses in Maternal and Child Health along with courses from other disciplines that focus on the substantive, analytic, and technical aspects of the public health planning cycle. The applied practice experience and Integrative Learning Experience project must be conducted at a state or local public health agency or be deemed relevant to the work of such agencies.

School-Wide Core Requirements (18-20 SH)

Course	Title	Credits
IPHS 401	Determinants of Population Health	4 SH
IPHS 402	Analytic and Research Methods in Public Health (onsite)	6 SH
	OR	
IPHS 404	Analytic and Research Methods in Public Health Part 1 (online)	3 SH
	AND	
IPHS 405	Analytic and Research Methods in Public Health Part 2 (online)	3 SH
IPHS 403	Public Health Systems, Policy and Management	4 SH
IPHS 650	Applied Practice Experience in Public Health	3 SH
IPHS 698	MPH Integrative Learning Experience	1 SH
IPHS 420*	Interprofessional Education	0 SH
Required Non-Credit Training:		
	HIPAA Research (https://about.citiprogram.org/en/course/health-privacy/)	Non-credit
	Human Subjects Research (https://about.citiprogram.org/en/course/human-subjects-research-2/)	Non-credit

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MCH Epidemiology Concentration Requirements (37-45 SH)

Course	Title	Credits
BSTT 401	Biostatistics II	4 SH
CHSC 421	CH-1: Assessing, Promoting & Improving Community Health	4 SH
CHSC 422	CH-2: Evidence-Informed Community Health Interventions	4 SH
CHSC 494	Women's Health and Perinatal Health	1 SH
CHSC 494	Child Health and Adolescent Health/CYSHCN	1 SH
CHSC 511	MCH Delivery Systems: Services, Programs, and Policies	4 SH
CHSC 543	MCH Policy and Advocacy	3 SH
EPID 404	Intermediate Epidemiologic Methods	4 SH
EPID 406	Epidemiologic Computing	3 SH
Select one of the following courses:		
EPID 409	The Epidemiology of HIV/AIDS	2 SH
EPID 410	Epidemiology of Infectious Diseases	2 SH
EPID 411	Epidemiology of Chronic Diseases	3 SH
Select one of the following courses:		
CHSC/EPID 518	The Epidemiology of Pediatric Diseases	3 SH

CHSC/EPID 548	Readings in Reproductive and Perinatal Epidemiology	3 SH
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The following courses are not required but highly recommended:

Course	Title	Credits
CHSC 434	Introduction to Qualitative Methods in Public Health	3 SH
CHSC 512	Translating Evidence for MCH Practice	3 SH
CHSC 595	MCH Seminar	1 SH

Electives

Students must also complete the number of MCH electives necessary to earn a minimum of 55 SH credits. A list of suggested electives is available at the MCH program website. For more information about the Maternal and Child Health Epidemiology Program please visit the program's website at:

<https://coeinmch.uic.edu>.

Applied Practice Experience Requirements (IPHS 650): The applied practice experiences allow each student to demonstrate attainment of at least five competencies, of which at least three must be foundational competencies. Students must also select at least one competency from their concentration(s) (ex. Generalist, Global Health, MCH). The applied experiences may also address additional foundational or concentration-specific competencies, if appropriate.

NOTE: MPH students in the MCH Epidemiology program are required to conduct their practicum at a state or local public health agency.

Integrative Learning Experience Requirements (IPHS 698): Students must complete a formal oral presentation to division's students and faculty on a topic as described below. The presentation will conform to the format and time length of a paper delivered at the annual meetings of the American Public Health Association (APHA), approximately 12-15 minutes.

The topic is to be approved by the student's advisor, and a final abstract of the presentation is to be submitted at least one week prior to the presentation. Where appropriate, students are encouraged to present findings based on their field experience (IPHS 650). However, it may take an alternative form, such as a comprehensive review of the literature on a public health issue from an epidemiologic perspective; a report on another research project in which the student has taken part; a proposal for a study to address an important public health issue; or another format acceptable to the student and his/her academic advisor

or faculty mentor. The topic should not be the same as one already addressed in a paper submitted for a previous course.

The presentation should consist of the following:

- Introduction to the problem or issue
- Explanation of the methods used to research the topic
- Summary of the results or findings
- Conclusions as to the public health implications of the results
- Recommendations for practical applications or further research

NOTE: *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 their research .*

Integrative Learning Experience Evaluation/Grading Procedures: Three faculty members will evaluate the quality of the presentation. Each faculty member will assess the experience based on three criteria: content (60%), organization (20%) and oral presentation (20%). If the presentation is evaluated as unsatisfactory by at least two of the three faculty members, the student will be required to submit a written paper, including citations, covering the same material as the oral presentation. The written paper will be evaluated by the three committee members on the content and organization of the material. In some cases, the Integrative Learning Experience review committee may simply require written clarification or additional analyses pertinent to identified deficiencies in the oral presentation.

Performance Standards: In addition to school-wide standards, no grade below “B” is acceptable in any Epidemiology or Biostatistics required courses or IPHS 402. If a grade below “B” is achieved in such a course, it may be repeated once. Failure to maintain this standard will be grounds for dismissal from the Epidemiology Program.