



Maternal and Child Health-Epidemiology Concentration MPH Course Curriculum - Effective Fall 2023

The MPH in MCH Epidemiology is an interdisciplinary concentration offered by the Division of Community Health Sciences and the Division of Epidemiology and Biostatistics of SPH. Students may apply through either division. Regardless of division, the MPH in MCH Epidemiology concentration is designed to provide students with a strong analytic foundation along with substantive knowledge of MCH programs, policies, and applied research.

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 (APE) and Integrative Learning Experience (ILE) project must be conducted at a state or local public health agency or be deemed relevant to the work of such agencies.

Overview of Concentration Requirements

A minimum of **56 semester hours (SH)** of credit, including 3-5 SH of Applied Practice Experience with a state or local health agency, and a 1 SH Integrative Learning Experience project.

<i>School of Public Health Core Requirements (18-20 SH)</i>			
Course #	Course Name	# of SH	Term
IPHS 401	Determinants of Population Health	4	F
IPHS 402	Analytic and Research Methods in Public Health	6	F
IPHS 403	Public Health Systems, Policy and Management	4	Sp
IPHS 420	Interprofessional Education	0	F, Sp, Su
IPHS 650	Applied Practice Experience (APE)*	3-5	F, Sp, Su
IPHS 698	Integrative Learning Experience (ILE)**	1	F, Sp, Su

*The Applied Practice Experience (APE) may be taken in a single semester or over several semesters for a total of 3-5 SH (between 192 and 320 hours in the field, where one SH is equal to 64 contact hours). MCHEPI students must conduct the APE with a local or state health department.

**All MPH students are required to complete an Integrative Learning Experience project. Integrative Learning Experience requirements differ by division; please refer to your division's ILE resources for additional information.

<i>MCH Epidemiology Required Courses (38-39 SH)</i>			
CHSC 421	Community Health 1: Assessing, Promoting & Improving Community Health	4	F
CHSC 422	Community Health 2: Evidence-Informed Community Health Interventions	4	Sp
CHSC 510	MCH Inequities and Responses I	4	Sp
CHSC 511	MCH Inequities and Responses II	4	F
CHSC 543	MCH Policy and Advocacy	3	F
CHSC 512	Translating Evidence for MCH Practice	3	Sp
BSTT 401	Biostatistics II	4	Sp
EPID 404	Intermediate Epidemiologic Methods	4	Sp
EPID 406	Epidemiologic Computing	3	F
<i>Choose one of the following Epidemiology Basic courses:</i>			
EPID 409	The Epidemiology of HIV/AIDS	2	Sp
EPID 410	Epidemiology of Infectious Diseases	2	F
EPID 411	Epidemiology of Chronic Diseases	3	Sp

<i>Choose one of the following Reproductive/Perinatal and Pediatric Epidemiology courses:</i>			
EPID/CHSC 518	The Epidemiology of Pediatric Diseases	3	Fa
EPID/CHSC 545	Reproductive and Perinatal Health	3	Fa

Summary of Required Credits

<i>School-Wide Core Courses</i>	<i>18-20 SH</i>
<i>MCH Epidemiology Required Courses</i>	<i>38-39 SH</i>
<i>Total</i>	<i>56-61 SH</i>

NOTE: For more information on any of these courses, you may visit the course description section of the SPH student handbook [here](#).

PROFESSIONAL DEVELOPMENT REQUIREMENTS

- MPH students are required to engage in four professional development opportunities, either by participating in **career services workshops**, attending **leadership coaching meetings**, or engaging in alternative **activities that are approved** by the Assistant Director of the Center of Excellence in MCH.
- *MCH Alumni Mentorship Program:* All MCH EPI MPH students will be matched in the second year of their MPH program with an MCH alumni mentor based on long-term career goals and public health interests. MCH students will be required to meet with their MCH alumni mentors on a regular basis and to participate in CoE professional and career development workshops