



Student Handbook

Master of Public Health Degree (MPH)

AY 2018-2019

Revised August 2018

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CURRICULUM OVERVIEW

NOTE: *The Student Handbook is a static document that is updated each August. The degree requirements contained herein are applicable to students who matriculate into the MPH program in Fall 2018. Students should consult the SPH website if interested in curriculum revisions adopted during the current academic year. Such changes will apply to next year's entering class.*

The Master of Public Health (MPH) is the basic professional degree offered by the School of Public Health (SPH). Upon graduation, the student will have gained a general understanding of the broad field of public health and competence in a specific public health area. The program prepares students for public health practice or to continue their education through a doctoral degree.

Programs of study leading to the MPH degree are offered by the four SPH divisions:

- Community Health Sciences
- Environmental and Occupational Health Sciences
- Epidemiology and Biostatistics
- Health Policy and Administration

Most students are admitted into the **Comprehensive MPH program**. Full-time students will be able to complete the Comprehensive MPH program in two years, including one summer.

Students with three or more years of previous experience in a public health related field who intend to pursue a public health career in the same professional area, or who possess a terminal professional degree (at a master's or doctoral level, as appropriate to the professional field) may be admitted into the **Professional Enhancement Program (PEP)**. Examples of degrees which may be acceptable are the following: DMD, DO, DVM, JD, MD, PhD (e.g., microbiology, psychology, and sociology), DEng, MBA, MSW, MS (e.g., entomology, nutrition, and physical therapy). Others may be acceptable as individually justified. While divisional requirements vary, PEP students attending full-time will likely complete the degree in three semesters. Eligibility for this program includes students with pre-matriculation professional

Both the Comprehensive and the PEP programs consist of four components:

1. School-wide MPH Core Courses – (18-20 SH)
 - IPHS 401: Determinants of Population Health (4 SH)
 - IPHS 402: Public Health Analytics and Research Methods (6 SH) **OR**
IPHS 404 (3 SH) **AND** IPHS 405 (3 SH)
 - IPHS 403: Public Health Systems, Policy and Management (4 SH)
 - IPHS 650: Interprofessional Education (0 SH)*
 - IPHS 650: Applied Practice Experience (3-5 SH)
 - IPHS 698: Integrative Learning Experience (1 SH)
2. Divisional Core Requirements and Electives – (variable based on chosen Division)
3. Required Non-Credit Training

- HIPAA Research Training
- Investigator Training 101
- Title IX Training – Sexual Harassment

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Students who are admitted on a conditional basis (e.g., completion of preparatory coursework) must also satisfy the conditions prior to graduation (or earlier if required by the Division).

All School of Public Health students must maintain a minimum Grade Point Average of 3.0 (for all Public Health and jointly credited courses) as required by the College’s Executive Committee. Failure to maintain the accepted standard of academic excellence in the School of Public Health will lead to dismissal from the MPH program.

MPH CORE CURRICULUM

The MPH program at UIC School of Public Health consists of a school-wide core curriculum that all students are required to complete and concentration specific requirements as determined by the divisions. The school wide core is a total of eighteen semester hours which includes three integrated courses totaling fourteen semester hours.

- Course 1: Determinants of Population Health (IPHS 401; 4 semester hours)
- Course 2: Analytic and Research Methods (IPHS 402; 6 semester hours) **OR** (IPHS 404; 3 semester hours **AND** IPHS 405; 3 semester hours-both IPHS 404/IPHS 405 are taught online)
- Course 3: Public Health Systems, Policy and Management (IPHS 403; 4 semester hours)

MPH students matriculating in AY 2018-2019 will have the following requirements:

- Applied Practice Experience; 3-5 semester hours
- Interprofessional Education* ;0 semester hours (new requirement)
- Integrative Learning Experience; 1 semester hour

***Interprofessional Education will be approved by campus Spring 2019.**

MPH students who matriculated in AY 2017-2018 will have the following requirements:

- Field Practicum Experience (3-5 semester hours)
- Capstone Project (1 semester hour)

Full-time students select either cohort A or cohort B and take Analytic and Research Methods (IPHS 402; 6 semester hours **OR** IPHS 404 **AND** IPHS 405) and Determinants of Population Health (IPHS 401; 4 semester hours) which share some content and assignments concurrently during the fall semester. These courses are followed by Public Health Systems, Policy and Management (IPHS 403; 4 semester hours) offered in the spring semester.

Part-time students should take IPHS 401 online in their first semester. It is recommended that they take IPHS 404 concurrently which is Part 1 of the Analytic and Research Methods course and is also offered

online. IPHS 403 is taught online in the spring semester as is IPHS 405 (online Analytic and Research Methods Part 2). Each of the core classes is offered only once per year at the present time.

A sample schedule is below:

Integrated Core Sample Schedule Chart

	Fall		Spring	
	In-class	Online	In-class	Online
IPHS 401: Determinants of Population Health (4hrs)	X	X		
IPHS 402: Analytic and Research Methods (6 hrs) (Note: OR IPHS 404 and 405 online)	X			
IPHS 403: Public Health Systems, Policy and Management (4 hrs)			X	X
IPHS 404: Analytic and Research Methods-Part 1 (3 hrs) (students registering for IPHS 401 online must register for IPHS 404 and IPHS 405)		X		
IPHS 405: Analytic and Research Methods-Part 2 (3 hrs) (students registering for IPHS 401 online must register for IPHS 404 and IPHS 405)				X

THE APPLIED PRACTICE EXPERIENCE (IPHS 650)

An Applied Practice (AP) Experience is required of all MPH students in the School of Public Health who matriculated in Fall 2018 or later. It may be taken in a single semester or over several semesters for a total of 3-5 credit hours (between 192 and 320 hours in the field, where 1 credit hour is equal to 64 contact hours.) The number of hours required for degree completion is decided in consultation with the student's Academic Advisor.

Students completing their AP experience are expected to:

- apply the content and analytical skills of MPH degree coursework to issues, situations, contexts, and projects associated with the AP experience;
- gain or enhance knowledge or skills related to public health competencies;
- use journaling and AP Objectives & Competency Chart as a mode of inquiry, reflection, and learning; and
- create a synopsis to summarize the activities and products from the AP Experience.

International Students must receive authorization from the Office of International Services to begin their AP Experience. Visit the [OIS webpage](#) to find information on eligibility factors, application procedures and to receive the appropriate application materials.

Competencies

The Applied Practice Experience allows 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.

Credit Hours: Students are required to complete a minimum of 3 credit hours to meet the AP experience requirement, and can complete up to 5 credit hours. (1 credit hour is equal to 64 contact hours)

Roles and Responsibilities: Students can review the roles and responsibilities of those involved (AP experience advisor, Preceptor) in the AP experience process on the [UIC SPH website](#).

Registration Requirements

- Students must be officially registered for IPHS 650 in order to receive credit for the experience.
 1. Students must complete the Learning Agreement/Registration form and submit it to their AP experience advisor.
 2. Then the AP experience advisor will submit it to the UIC SPH Office of Student Affairs (OSA). After they process the paperwork, the student will receive an email from OSA stating that they have access to register for the course.
 3. Then students will go into the system and register for the course.
- When a student's AP Experience occurs for more than 4 weeks of any semester then registration is required.

- Students may request to register for 0 credit hours during the summer semester, but the AP experience must overlap a Fall or Spring term and the student must be registered for the required IPHS 650 for 3-5 semester hours in that term. Prior approval from the AP Experience Advisor is required. **Please note that students will still be charged fees when registering for 0 credit hours as they are registering for a course.**
- Joint degree students who are pursuing a Master's in Public Health (MPH) and Master's Degree in Social Work (MSW) may have their MSW field placement requirement meet the MPH AP Experience requirement as well. However, students must collaborate with both their MSW Field Liaison and with the MPH Division AP Advisor to identify a suitable placement with significant public health content that is acceptable to both programs. Also, in addition to the paperwork required by the UIC School of Social Work for their AP experience, students must register for IPHS 650 for 0 credit hours, complete the MPH learning agreement, IPHS 650 assignments (journal entries, objectives chart, synopsis), and preceptor/student evaluations.
- Students participating in a *global health experience* must obtain the appropriate approvals and complete the required paperwork, including assumption of risk and release from liability documentation, prior to departing for the global AP experience.

Fee Waiver: Students participating in the AP experience outside of the Greater Chicago Metropolitan area may be eligible to have certain fees waived. These fees currently include the General Fee, U-Pass Fee, Student-to-Student Fee, and the Sustainability Fee. Students must inform their Divisional Academic Coordinator at least two weeks prior to the start of classes if they believe they are eligible to have these fees waived.

Code of Conduct: Students are expected to display professional behavior consistent with the [UIC's Code of Conduct](#) during their AP experience. When students are completing their AP experience at a site, not only do they represent themselves but they also represent UIC SPH.

Contract Requirement: Each organization that collaborates with the UIC School of Public Health (SPH) to offer an AP experience is required to have a contractual agreement with the university. UIC SPH maintains contracts with several organizations, any of which can provide a valuable educational experience. However, many students find opportunities with organizations that UIC SPH currently doesn't have contracts with and then UIC SPH must pursue a contractual agreement with the organization. If a student desires an AP experience with an organization that doesn't currently have a valid contract with UIC SPH, the student should contact the Assistant Director of Internship Programs, Jaime Klaus at jaimkl@uic.edu to initiate the contract process.

- *This process can take 3-4 months and occasionally there are factors, which delay or prevent UIC SPH's ability to obtain a contract with a new site. Students should plan accordingly.*
- On some occasions, an organization and the university will not be able to come to a contractual agreement despite earnest efforts by both parties.

- Once a contract is in place additional requirements beyond those in the basic contract for the AP experience may be required, such as a background check and/or immunization requirements. This might delay the start date of the AP experience.
- Even if UIC SPH has a contract with an organization this does not guarantee that they will accept students for an AP experience.
- Contracts must be in place prior to the start date of a student AP experience and must be effective through the end of the AP experience.

Institutional Review Board (IRB), Health Insurance Portability and Accountability Act (HIPAA) Training and Title IX (Sexual Harassment) Training: Students must complete the [IRB and HIPAA training](#) and Title IX training (https://www.ethics.uillinois.edu/training/sexual_misconduct_training) before starting their AP Experience.

For additional information about the AP experience, please visit the [UIC SPH website](#).

Applied Practice Experience Roles and Responsibilities of the Division Applied Practice Experience Advisor - each division has a designated faculty member who will assist students with the following:

- Assist student in clarifying educational goals for the Applied Practice Experience.
- Interpret the purpose and requirements of the Applied Practice Experience; approve requests for IPHS 650 registration.
- Assist student in selecting potential Applied Practice Experience sites.
- Approve Applied Practice Experience Learning Agreement form, which describes the mutual expectations of the student and preceptor.
- Ensure two original Agreements for Student Placement in a Practice Setting Forms are completed, if needed.
- Assist student with IRB forms, where required.
- Provide ongoing oversight of the APE experience; respond to student's needs; and assure overall quality of the student's experience.
- Review student's Summary Report.
- Assess student's performance with input from the preceptor, and determine the final grade (Pass/Fail).

A list of each Academic Division's Applied Practice Experience Advisor can be found at <http://publichealth.uic.edu/current-students/mph-field-experiencepracticum>

Roles and Responsibilities of Applied Practice Site Preceptor-

- Assist student in completing the Applied Practice Experience Learning Agreement.
- Provide student with guidance and training during the Applied Practice Experience as identified in the Learning Agreement.
- Evaluate student's performance by completing the Preceptor's Evaluation of Student Performance and returning it to the student's Academic Coordinator/Applied Practice Experience Advisor.

For further details and step-by-step instructions, please visit the Applied Practice Experience webpage at <http://publichealth.uic.edu/current-students/mph-field-experiencepracticum>

MPH Integrative Learning Experience (IPHS 698)

Every student must register for IPHS 698, typically in the student's last semester. The Integrative Learning Experience (ILE) may be based on a variety of activities (e.g., independent study, research project). Integrative Learning Experience requirements differ by division. For the Integrative Learning Experience product requirements by Division, please consult your Academic Advisor. The Integrative Learning Experience enables MPH students to achieve the following learning objectives:

- Apply key public health concepts (e.g., prevention, risk assessment) to a specific public health area (e.g., gerontology, infectious disease epidemiology).
- Apply knowledge of the core areas of public health to a specific health problem.
- Integrate skills and knowledge gained through core and division-required courses toward resolving a public health problem either through practice in a public health setting or through investigation and analysis.

Changing Divisions: If a student's interests change after admission or the student determines that professional goals would be better achieved in a division different from the one originally assigned, the student should contact the Academic Coordinator for the current division to initiate the process for changing divisions. (Form: Request for Change of Degree).

Students requesting a division change must meet the requirements of the division they wish to enter. Acceptance into the other division is not guaranteed.

Degree Completion Deadline: MPH students must complete all degree requirements within five calendar years after their initial registration as a degree student within the SPH. In extraordinary circumstances an extension of time may be granted if the petition for an extension is filed before meeting the 5-year deadline. Time spent on an approved Leave of Absence is not counted toward the degree time limit (see the Leave of Absence section of the [Academic Policies and Procedures Handbook](#)).

MPH INTERPROFESSIONAL EDUCATION (IPHS 650)

(Interprofessional Education - IPHS 420- will be effective Fall 2019)

Every student must register for IPHS 650. Interprofessional is defined as working with professions outside the professional disciplines of public health. It is important for public health professionals to understand the roles, specialty knowledge and skills of relevant professionals and how they contribute to overall public health goals.

THE MPH CURRICULUM BY DIVISION

BIOSTATISTICS

The MPH in Biostatistics requires a minimum of 46 semester hours (SH) and is designed for completion in 2 years when enrolled full-time. This program includes the following course requirements:

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	Integrative Learning Experience	1 SH
IPHS 650*	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
Investigator Training 101		Non-credit
Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)		Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Divisional Core Requirements (22 SH)

Course	Title	Credits
BSTT 401	Biostatistics II	4 SH
BSTT 413	An Intro to Data Analysis with R	2 SH
BSTT 505	Logistic Regression and Survival Analysis	2 SH
BSTT 506	Design of Clinical Trials	3 SH
BSTT 537	Longitudinal Data Analysis	4 SH
EPID 404	Intermediate Epidemiologic Methods	4 SH
EPID 406	Epidemiological Computing	3 SH

Enrichment Areas and Electives (6-8 SH)

Electives can be any graduate level course of the students choosing. Students are encouraged to choose additional methodology courses such as in the areas of survey planning and sampling, big data and health analytics, or geographical information systems (GIS).

Performance Standards: 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 re-take a course one time and attempt to replace the C with a higher grade.

Applied Practice Experience Requirements for the MPH in Biostatistics (IPHS 650): Students are required to complete a minimum of 3 credit hours to meet the AP experience requirement, and can complete up to 5 credit hours. (1 credit hour is equal to 64 contact hours)

Integrative Learning Experience Requirements for the MPH in Biostatistics (IPHS 698): All MPH Biostatistics students are required to complete an Integrative Learning Experience project. The Integrative Learning Experience (ILE) may be based on a variety of activities (e.g., a written product with potential practice relevance). Integrative Learning Experience requirements differ by division. For the Integrative Learning Experience product requirements by Division, please consult your Academic Advisor.

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 the research.

Integrative Learning Experience Evaluation/Grading Procedures: For Integrative Learning Experience Evaluation and Grading Procedures, please consult your Academic advisor.

COMMUNITY HEALTH SCIENCES

Students in the Comprehensive Program must complete the number of electives necessary to earn a minimum of 45 SH credits. Students in the Professional Enhancement Program must complete the number of electives necessary to earn a minimum of 42 SH credits. The PEP program is intended for students with a minimum of 3 years of full-time public health professional experience. Full-time public health experience would not include clinical work, laboratory work, or research (with the exception of applied research). If you feel you have sufficient background to justify PEP status, you must apply for that status at the same time you submit your initial program proposal. PEP status will not be considered after your first semester in the program. In order to apply for PEP status, you must provide an updated resume/CV to your faculty advisor. If your faculty advisor agrees you are a candidate for PEP status, then you must write a statement reflecting how your public health background is consistent with the CHS divisional mission and goals. Your faculty advisor will submit your statement and program proposal to the CHS Academic Coordinator, who will provide it to the CHS Curriculum Committee and Division Director for review. You will be notified if you qualify for PEP status at the beginning of your second term. 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 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	Integrative Learning Experience	1 SH
IPHS 650*	Interprofessional Education	0 SH
Required Non-Credit Training:		
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
Investigator Training 101		Non-credit

Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)	Non-credit
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***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Divisional Core Requirements (12 SH)

Course	Title	Credits
CHSC 421	Community Health 1: Assessing, Promoting and Improving Community Health	4 SH
CHSC 422	Community Health 2: Evidence-Informed Community Health Interventions	4 SH
CHSC 423	Community Health 3: Professional Development in Public Health Practice	4 SH

CHSC CONCENTRATIONS (9 SH)

At least 9 SH must be earned in an approved concentration, detailed below. Any additional courses needed to earn the minimum SH required for the MPH are to be approved by your faculty advisor; the Comprehensive Program requires 45 total SH, and the Professional Enhancement Program requires 42 total SH.

Population Health (9-10 SH, choose 3 courses below)

CHSC 511 – MCH Delivery Systems: Services, Programs and Policies (4SH)

CHSC 524 – Health and Aging (3 SH)

CHSC 527 – Critical Issues in Long Term Care Policy (3 SH)

CHSC 544 – Public Health Aspects of Adolescence and Youth (3 SH)

CHSC 567 – Queer Public Health (3 SH)

Community Health Interventions (9 SH, choose 3 courses below)

CHSC 460 – Introduction to Public Health Emergency Preparedness (3 SH)

CHSC 485 – Communications, Mass Media and Public Health (3 SH)

CHSC 584 – Community Organizing for Health (3 SH)

CHSC 586 – Health Behavior Interventions (3 SH)

Community-Based Research Methods (9 SH, choose 3 courses below)

CHSC 434 – Introduction to Qualitative Methods in Public Health (3 SH)

CHSC 446 – Research Methods in Community Health (3 SH)

CHSC 447 – Survey Planning and Design (3 SH)

CHSC 534 – Management and Analysis of Qualitative Data (3 SH)

CHSC 577 – Survey Questionnaire Design (3 SH)

General Community Health Sciences Concentration (9 SH)

Students who do not wish to complete one of the above concentrations can fulfill graduation requirements as a CHS Generalist by taking any 9 SH of CHSC electives.

Global Health (9 SH)

Students with an interest in global health may elect to complete the Interdepartmental Concentration in Global Health in lieu of completing one of the above CHSC concentrations. Refer to the Global Health section of this handbook for specific requirements.

MATERNAL AND CHILD HEALTH CONCENTRATION (minimum 48 SH)

MPH students entering the division of Community Health Sciences (CHS) are required to complete 30-34 semester hour (sh) credits representing SPH and CHS core courses, including a field experience and an additional 18-20 semester hours in Maternal and Child Health. Some students may be permitted to waive courses if they can demonstrate that they have taken similar graduate level courses in the past. The final individualized curriculum including electives is planned with the assistance and approval of the student's faculty advisor.

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	Integrative Experience	1 SH

IPHS 650*	Interprofessional Experience	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
Investigator Training 101		Non-credit
Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)		Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Divisional Core Requirements (12 SH)

Course	Title	Credits
CHSC 421	Community Health 1: Assessing, Promoting and Improving Community Health	4 SH
CHSC 422	Community Health 2: Evidence-Informed Community Health Interventions	4 SH
CHSC 423	Community Health 3: Professional Development in Public Health Practice	4 SH

MCH Concentration Requirements (16 SH)

Course	Title	Credits
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 512	Translating Evidence for MCH Practice	3 SH
CHSC 543	MCH Policy and Advocacy	3 SH
CHSC 595	MCH Seminar	1 SH
EPID 406	Epidemiologic Computing	3 SH

Electives

Students must also complete the number of MCH electives necessary to earn a minimum of 48 SH credits. A list of suggested electives is available at the MCH program website. For more information about the Maternal and Child Health Program please visit the program's website at: <https://coeinmch.uic.edu>.

Professional Development Requirements

SPH Career and Professional Development Workshops: Each year the UIC SPH Student Affairs Office hosts career and professional development workshops and events. MCH MPH Students will be required to attend 3-4 workshops/events that are sponsored by career services during their academic careers.

<http://publichealth.uic.edu/current-students/career-services/career-events>

SPH Career Services: Once a year, each MCH MPH student is required to meet individually with a staff member from the SPH career services office to discuss career goals.

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 650*	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
	Investigator Training 101	Non-credit

Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)	Non-credit
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***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

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:		
EPID 518	The Epidemiology of Pediatric Diseases	3 SH
EPID 548	Readings in Reproductive and Perinatal Epidemiology	3 SH

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>.

Professional Development Requirements

SPH Career and Professional Development Workshops: Each year the UIC SPH Student Affairs Office hosts career and professional development workshops and events. MCH MPH Students will be required to attend 3-4 workshops/events that are sponsored by career services during their academic careers.

<http://publichealth.uic.edu/current-students/career-services/career-events>

SPH Career Services: Once a year, each MCH MPH student is required to meet individually with a staff member from the SPH career services office to discuss career goals.

CHS 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.

CHS Integrative Learning Experience Requirements (IPHS 698): All MPH CHS students are required to complete an Integrative Learning Experience project. The Integrative Learning Experience (ILE) may be based on a variety of activities (e.g., a written product with potential practice relevance). Integrative Learning Experience requirements differ by division. For the Integrative Learning Experience product requirements by Division, please consult your Academic Advisor.

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 the research.

Integrative Learning Experience Evaluation/Grading Process: Faculty advisors will serve as primary evaluators for their advisees and assign the final ILE grade. Advisors will help students select a second evaluator. For Integrative Learning Experience Evaluation and Grading Procedures, please consult your Academic advisor.

ENVIRONMENTAL AND OCCUPATIONAL HEALTH SCIENCES

The MPH in Environmental and Occupational Health Sciences Professional Enhancement Program (PEP) requires a minimum of 42 semester hours (SH). The MPH Environmental and Occupational Health Sciences Comprehensive program requires a minimum of 43 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 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 650*	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
	Investigator Training 101	Non-credit
	Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)	Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Divisional Core Requirements (6 SH)

Course	Title	Credits
EOHS 401	Ethics and Justice in Environmental and Occupational Health	4 SH
EOHS 402	Systems Approaches in Environmental & Occupational Health	4 SH

Generalist MPH (16-18 SH)

Course	Title	Credits
EOHS 440	Chemistry for Environmental Professionals	3 SH
EOHS 495	Environmental and Occupational Health Sciences Seminar	1 SH
EOHS 501	Exposure Assessment Strategies	3 SH
EOHS 502	Environment, Toxicology, and Disease	4 SH
EOHS 556	Risk Assessment in Environmental and Occupational Health	3 SH
Computing Skills Selective (2-4 SH)		
Select at least one of the following courses:		
BSTT 494	Intro to Data Analysis with R	4 SH
BSTT 568	Programming and Simulation in R	2 SH
BSTT 594	Big Data Analytics	3 SH
EOHS 436	GIS for Environmental and Public Health Professionals	4 SH
EOHS 475	Health Related Database Design and Analysis	4 SH
EOHS 556	Risk Assessment Environmental and Occupational Health	3 SH
EOHS 565	Datamining Applications in Public Health	3 SH
EOHS 571	Injury Epidemiology and Prevention	3 SH
EPID 406	Epidemiologic Computing	3 SH
UPP 461	Geographic Information Systems for Planning	4 SH

Electives

Students in a **Comprehensive Program** will select electives in conjunction with their advisor as necessary to reach the minimum of 43 SH credits. **PEP** students must complete the number of electives necessary to bring total program hours to a minimum of 42 semester hours. Chosen electives must add depth to the student's training in EOHS, and further the student's attainment of the program competencies.

EOHS Concentrations

Students may select from the following concentrations, or may build a general program of study within EOHS, in conjunction with their faculty advisor.

ASAC ABET-ACCREDITED PROGRAM IN INDUSTRIAL HYGIENE (49 SH)

Students applying to the primary concentration in Environmental and Occupational Health Sciences must have completed one year of college math and one year of chemistry, biology, or physics. Those interested in the ASAC-ABET Accredited MPH Program in Industrial Hygiene must meet the criteria listed above. In addition, applicants should have completed coursework in college-level mathematics, biology, general and organic chemistry, and physics. Exceptions may be granted for applicants with relevant work experience or high-level academic achievements. Exceptions may be admitted with an individually documented plan of study to compensate for deficiencies, although applicants are strongly encouraged to satisfy all deficiencies prior to matriculation. Applicants are invited to consult with the Industrial Hygiene Program Director about possible deficiencies.

Students must complete the School-Wide Core Requirements and a sufficient number of the following courses as part of their divisional and elective choices as necessary to attain 49 SH of credit. In addition, students must adhere to the divisional requirements as stipulated for their individual program of study.

Industrial Hygiene Core (25 SH)		
Course	Title	Credits
EOHS 421	Occupational Health and Safety Practice	2 SH
EOHS 424	Evaluation and Control of Radiation Exposures	1 SH
EOHS 425	Evaluation and Control of Physical Agents	2 SH
EOHS 426	Evaluation and Control of Airborne Contaminants	4 SH
EOHS 427	Evaluation and Control of the Psychosocial Work Environment	2 SH
EOHS 495	Environmental and Occupational Health Sciences Seminar	1 SH
EOHS 501	Exposure Assessment Strategies	3 SH
EOHS 502	Environment, Toxicology, and Disease	4 SH
EOHS 556	Risk Assessment in Environmental and Occupational Health	3 SH
EOHS 563	Occupational Safety and Health Management Systems	3 SH

Additional Requirements for Students Enrolled in ASAC-ABET - Accredited Industrial Hygiene Program
Trainees are required to:

Every year-

- Attend all weekly Illinois ERC Interdisciplinary Seminars (EOHS 495) (held weekly throughout the academic year)
- Attend at least 3 hr of Occupational Medicine Clinic per semester
- Attend at least 4 Industrial Process Tours each year
- Participate actively in at least one Illinois ERC Targeted Research Training Team each semester

Once during the program:

- Present an Industrial Process Talk (scheduled during the ERC Seminar)

WATER QUALITY AND HEALTH (43 SH)

Note, students enrolling in this concentration should have at least one year of college chemistry in addition to standard divisional admission requirements to meet the prerequisites of the Water Quality and Health Core Requirements.

Students must complete the School-Wide Core Requirements and a sufficient number of the following courses as part of their divisional and elective choices as necessary to attain 43 SH of credit. In addition, students must adhere to the divisional requirements as stipulated for their individual program of study.

Water Quality and Health Core (10 SH)		
Course	Title	Credits
EOHS 411	Water Quality Management	4 SH
EOHS 418	Water Quality Analysis in Public Health	2 SH
EOHS 511	Current Challenges in Water and Health	2 SH
EOHS 553	Global Environmental Health	2 SH

Water Quality and Health Core Selective (Select at least <u>one</u> of the following courses)		
Course	Title	Credits
EOHS 440	Chemistry for Environmental Professionals	3 SH
EOHS 475	Health Related Database Design and Analysis	4 SH
EOHS 556	Risk Assessment in Environmental and Occupational Health	3 SH
EOHS 564	Geographic Information System Application in Public Health	3 SH
EOHS 572	Environmental Risk Assessment and Management	4 SH
EPID 594	Outbreak Investigations/Field Epidemiology Methods	Varies
CME 521	Environmental Microbiology	4 SH
UPP 461	Geographic Information Systems for Planning	4 SH

Chosen selectives and electives must add depth to the student's training in EOHS, and further the student's attainment of the competencies identified for the program and concentration.

OCCUPATIONAL SAFETY (48 SH)

Note, prerequisite course work for entering the Occupational Safety program should be completed in the first year and includes a full year of general chemistry, at least one semester of organic chemistry, mathematics through differential and integral calculus, and a course in human physiology.

Students must complete the School-Wide Core Requirements and a sufficient number of the following courses as part of their divisional and elective choices as necessary to attain 48 SH of credit. In addition, students must adhere to additional requirements as stipulated for their individual program of study.

Occupational Safety (24 SH)		
Course	Title	Credits
EOHS 421	Occupational Health and Safety Practice	2 SH
EOHS 424	Evaluation and Control of Radiation Exposures	1 SH
EOHS 425	Evaluation and Control of Physical Agents	2 SH
EOHS 427	Evaluation and Control of the Psychosocial Work Environment	2 SH
EOHS 495	Environmental and Occupational Health Sciences Seminar	1 SH
EOHS 501	Exposure Assessment Strategies	3 SH
EOHS 502	Environment, Toxicology, and Disease	4 SH
EOHS 503	Occupational Safety	2 SH
EOHS 504	Occupational Ergonomics and Biomechanics	1 SH
EOHS 563	Occupational Safety and Health Management Systems	3 SH
EOHS 571	Injury Epidemiology and Prevention	3 SH

Additional Requirements for Students Enrolled in the Occupational Safety Concentration

Trainees are required to:

Every year-

- Attend all weekly Illinois ERC Interdisciplinary Seminars (EOHS 495) (held weekly throughout the academic year)
- Attend at least 3 hr of Occupational Medicine Clinic per semester
- Attend at least 4 Industrial Process Tours each year
- Participate actively in at least one Illinois ERC Targeted Research Training Team each semester

Once during the program:

- Present an Industrial Process Talk (scheduled during the ERC Seminar)

OCCUPATIONAL AND ENVIRONMENTAL MEDICINE (42 SH)

Note, the MPH concentration in OEM is open only to students that are: 1) in the UIC OM Residency Program or are 2) practicing clinicians (occupational physicians, occupational nurses, primary care providers).

Students must complete the School-Wide Core Requirements and a sufficient number of the following courses as part of their divisional and elective choices as necessary to attain 42 SH of credit. In addition, students must adhere to additional requirements as stipulated for their individual program of study.

Occupational and Environmental Medicine (16 SH)		
Course	Title	Credits
EOHS 406	Public Health Emergency Preparedness and Response	3 SH
EOHS 421	Occupational Health and Safety Practice	2 SH
EOHS 495	Environmental and Occupational Health Sciences Seminar	1 SH
EOHS 502	Environment, Toxicology, and Disease	4 SH
EOHS 563	Occupational Safety and Health Management Systems	3 SH
EOHS 571	Injury Epidemiology and Prevention	3 SH

PUBLIC HEALTH EMERGENCY PREPAREDNESS (43 SH)

Students must complete the School-Wide Core Requirements and a sufficient number of the following courses as part of their divisional and selective choices as necessary to attain 43 SH of credit. In addition, students must adhere to the divisional requirements as stipulated for their individual program of study.

Public Health Emergency Preparedness (11 SH)		
Course	Title	Credits
EOHS 406	Introduction to PH Emergency Preparedness and Resilience	3 SH
HPA 407	Foundations of Emergency Management and Continuity Programs	3 SH
EOHS 424	Evaluation and Control of Radiation Exposures	1 SH
EOHS 506	PH and Healthcare Emergency Response and Management Operations	4 SH

Public Health Emergency Preparedness Selective (Select at least <u>two</u> of the following courses)		
Course	Title	Credits
HPA 466	Critical Infrastructure and Resource Protection Planning	3 SH
EOHS 502	Environment, Toxicology and Diseases	4 SH
EOHS 572	Environmental Risk Assessment and Management	4 SH
EOHS 436	GIS for Environmental and Public Health Professionals (GIS for PHP)	4 SH
HPA 593	Social Vulnerability Analysis	4 SH

Electives : Students must complete the number of electives necessary to bring total program hours to a minimum of 42 semester credit hours as required in the Professional Enhancement Program (PEP).

EOHS Applied Practice Experience Requirements: 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.

EOHS Integrative Learning Experience Requirements: All MPH EOHS students are required to complete an Integrative Learning Experience project. The Integrative Learning Experience (ILE) may be based on a variety of activities (e.g., a written product with potential practice relevance). Integrative Learning Experience requirements differ by division. For the Integrative Learning Experience product requirements by Division, please consult your Academic Advisor.

NOTE: All MPH students are required to undergo human subjects training. If the Integrative Learning Experience project includes human subjects, students will need to have their protocols approved by the Institutional Review Board (IRB). For further information regarding specific EOHS Integrative Learning Experience protocol and timelines, please see the EOHS Forms and Resources website:

<http://publichealth.uic.edu/departments/eohs/students/formsresources/>.

Integrative Learning Experience Evaluation / Grading Procedures: For Integrative Learning Experience Evaluation and Grading Procedures, please consult your Academic advisor.

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 650 *	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
	Investigator Training 101	Non-credit
	Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)	Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

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 650*	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
	Investigator Training 101	Non-credit
	Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)	Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

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

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): All MPH EPID students are required to complete an Integrative Learning Experience project. The Integrative Learning Experience (ILE) may be based on a variety of activities (e.g., a written product with potential practice relevance). Integrative Learning Experience requirements differ by division. For the Integrative Learning Experience product requirements by Division, please consult your Academic Advisor.

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: For Integrative Learning Experience Evaluation and Grading Procedures, please consult your Academic advisor.

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.

HEALTH POLICY AND ADMINISTRATION

HPA offers four distinct MPH programs: 1. MPH in Public Health Policy and Management (PHPM) Comprehensive Program (49 SH); 2. online Professional Enhancement Program (PEP 43 SH with a hybrid option); 3. online Professional Enhancement Program (PEP 43 SH); and 4. online MPH with concentration in Public Health Informatics (45 SH).

MPH IN PUBLIC HEALTH POLICY AND MANAGEMENT (PHPM) (43-49 SH)

COMPREHENSIVE PROGRAM (52 SH)

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	3-5 SH
IPHS 698	MPH Integrative Learning Experience	1 SH
IPHS 650*	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
	Investigator Training 101	Non-credit
	Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)	Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Divisional Core (22 SH)

Course	Title	Credits
HPA 420	U.S. Health Care System for Public Health Practitioners	3 SH
HPA 415	Introduction to Public Health Policy	3 SH
HPA 431	Public Health Law and Ethics	3 SH
HPA 432	Public Health Policy and Practice	3 SH
HPA 444	Strategic Planning and Budgeting	3 SH
HPA 460	Introduction to the Economics of Health & Healthcare	3 SH
HPA 567	Public Health Policy Analysis	3 SH
HPA 499	Introduction to Research Design for Public Health Practitioners	1 SH

Electives (9 SH GRADUATE LEVEL COURSES)

Students are encouraged to use the electives as an opportunity to take coursework from elsewhere within the School; based upon their career interests and their academic and professional preparation at the time of matriculation. Student should work with their advisors in making the selection.

Applied Practice Experience Requirements: 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.

Integrative Learning Experience Requirements: All MPH HPA students are required to complete an Integrative Learning Experience project. The Integrative Learning Experience (ILE) may be based on a variety of activities (e.g., a written product with potential practice relevance). Integrative Learning Experience requirements differ by division. For the Integrative Learning Experience product requirements by Division, please consult your Academic Advisor.

Evaluation / Grading Procedures: For Integrative Learning Experience Evaluation and Grading Procedures, please consult your Academic advisor.

PROFESSIONAL ENHANCEMENT PROGRAM (43 SH)

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	3-5 SH
IPHS 698	MPH Integrative Learning Experience	1 SH
IPHS 650*	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
	Investigator Training 101	Non-credit
	Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)	Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Divisional Core (22 SH)

Course	Title	Credits
HPA 420	U.S. Health Care System for Public Health Practitioners	3 SH
HPA 415	Introduction to Public Health Policy	3 SH
HPA 431	Public Health Law and Ethics	3 SH
HPA 432	Public Health Policy and Practice	3 SH
HPA 444	Strategic Planning and Budgeting	3 SH
HPA 460	Introduction to the Economics of Health and Healthcare	3 SH
HPA 567	Health Policy Analysis	3 SH
HPA 499	Introduction to Research Design for Public Health Practitioners	1 SH

Electives (3 SH GRADUATE LEVEL COURSES)

Students are encouraged to use the electives as an opportunity to take coursework from elsewhere within the School; based upon their career interests and their academic and professional preparation at the time of matriculation. Student should work with their advisors in making the selection.

Applied Practice Experience Requirements (IPHS 650): same as above.

HPA Integrative Learning Experience Requirements (IPHS 698): same as above

ONLINE MPH IN PUBLIC HEALTH INFORMATICS (45 SH)

School-Wide Core Requirements (18-20 SH)

Course	Title	Credits
IPHS 401	Determinants of Population Health	4 SH
IPHS 404	Analytic and Research Methods in Public Health Part 1	3 SH
IPHS 405	Analytic and Research Methods in Public Health Part 2	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 650*	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
	Investigator Training 101	Non-credit
	Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)	Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Core Requirements (28 SH)

Course	Title	Credits
HPA 465	Health Informatics and Decision Support Systems	4 SH
HPA 481	Development of Public Health Surveillance Information Systems	3 SH
HPA 436	GIS Applications for Environmental and PH Professionals	4 SH
HPA 483	Management of Communication Systems for PHI Applications	4 SH
HPA 485	Legal and Ethical Issues in Public Health Informatics	3 SH
HPA 488	PH Information Systems Evaluation and Program Management	3 SH
HPA 563	Web-Based Public Health Information Systems	4 SH
HPA 565	Data-mining Applications in Public Health	3 SH

Applied Practice Experience (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.

Overall Applied Practice Experience Objective: Students will acquire experience and develop skills in the application of basic public health informatics concepts and specialty knowledge to the solution of public health/healthcare problems.

Applied Practice Experience Learning Objectives: Through the Applied Practice Experience, PHI students will be able to:

- Apply public health informatics concepts and knowledge in a practice setting.
- Complete a defined project and demonstrate public health informatics competence in an area of public health practice or healthcare setting.
- Demonstrate public health informatics skills and knowledge in an area of interest not covered in depth elsewhere in their educational plan.

Students are encouraged to choose a topic and a preceptor from a setting close to their workplaces or home.

The following forms must be completed prior to the start of the practicum.

- Applied Practice Experience Liability Agreement
- Applied Practice Experience Learning Agreement

At the completion of the Applied Practice Experience, two additional forms must be completed:

- Student's Evaluation of the Applied Practice Experience
- Preceptor's Evaluation of Student Performance

Integrative Learning Experience (IPHS 698) All MPH PHI students are required to complete an Integrative Learning Experience project. The Integrative Learning Experience (ILE) may be based on a variety of activities (e.g., a written product with potential practice relevance). Integrative Learning Experience requirements differ by division. For the Integrative Learning Experience product requirements by Division, please consult your Academic Advisor.

Registering for the MPH Integrative Learning Experience (IPHS 698) PHI students must register for 1 SH of IPHS 698 in the semester immediately prior to graduation. Students must complete the IPHS Registration Form found at: <http://publichealth.uic.edu/current-students/student-forms>.

Evaluation / Grading Procedures: The Integrative Learning Experience paper will be reviewed, evaluated and graded by a Program Director/ Advisor.

Graduation: Students must complete the following forms before the end of the 2nd week of the semester in which the student expects to graduate:

- Final MPH Program Proposal
- [Pending Degree List Process/Intent to Graduate](#)
- Proof of research training requirements

Please contact Rocelia Viramontes (rviram1@uic.edu) Online Education Program Coordinator, for more information about these forms.

JOINT DEGREE PROGRAMS

The School of Public Health offers six Joint or Coordinated Degrees which allow students to complete both an MPH degree and a second degree in a shortened timeframe.

Joint Degree	CHS	EOHS	Epi	HPA
<u>MBA/MPH</u>	X	X	X	X
<u>MSW/MPH</u>	X	X	X	X
<u>DC/MPH</u>	X	X	X	X
<u>JD/MPH</u>				X
<u>DVM/MPH</u>	X		X	
<u>MD/MPH</u>	X	X	X	X

For the School of Public Health, the student must maintain a minimum grade point average of 3.0 (for all Public Health and jointly credited courses) as required by the College's Executive Committee. Failure to maintain the accepted standard of academic excellence in the School of Public Health will lead to dismissal from the MPH program.

MBA/MPH

The UIC College of Business Administration and the School of Public Health offer a joint degree program leading to the Master of Business Administration (MBA) and the Master of Public Health (MPH).

Programs of study leading to the MBA/MPH joint degree are offered by each of the following:

- Community Health Sciences
- Environmental and Occupational Health Sciences
- Epidemiology
- Health Policy and Administration

Length of Program: Full-time students may complete the degree in two and one-half years; part-time students in three and one-half years.

Admission Requirements: Students must apply separately and be accepted to **both** the College of Business Administration and School of Public Health. Interest in the joint degree program should be indicated on the admissions applications.

Program Requirements: All students must satisfy the requirements for both the MBA and MPH program. The program is tailored to accommodate students on either a full-time or part-time basis. Students should confirm all course requirements with each degree program.

Core Requirements by Business School (44-46 SH)

Business Administration Core Courses (26 SH)		
Course	Title	Credits
ACTG 500	Intro to Financial & Management Accounting	4 SH
ECON 520	Microeconomics for Business Decisions	4 SH
FIN 500	Intro to Corporate Finance	4 SH
IDS 532	Decision Models & Info. Systems II	4 SH
MGMT 541	Organizational Behavior	4 SH
MKTG 500	Introduction to Marketing	4 SH
MBA 570	Enterprise Strategy (Integrative Learning Experience course)	2 SH

School of Public Health Core Courses (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	3 SH
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)	
IPHS 403	Public Health Systems, Policy and Management	4 SH
IPHS 650	Interprofessional Education	0 SH
IPHS 650	Applied Practice Experience	3-5 SH
IPHS 698	MPH Integrative Learning Experience	1 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
Investigator Training 101		Non-credit
Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)		Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Electives

MBA Electives (12 SH)

Students must take at least twelve SH of credits that comprise an approved concentration in the College of Business Administration.

MPH Divisional Core and Electives

Students must satisfy requirements of one of the public health disciplines offered by the School of Public Health. MPH course electives must at a minimum bring the total MPH program hours to 43 semester hours. There are no shared hours.

Tuition and Fees Assessment: Current information on the tuition and fees structure may be obtained from Assistant Dean Angela Prazza Winters, Liautaud Graduate School of Business.

Advising: Students will be assigned advisors from each program: one faculty member from Business Administration and one faculty member from the School of Public Health.

Transferring into the MBA / MPH joint degree program: Students who enter either of the individual degree programs and later decide to transfer into the joint program may do so before entering their second year of study if they meet the admissions requirements of the other degree program. Students must apply and be accepted into both individual degree programs.

Leaving the program before the requirements for the joint masters is complete: Students who leave after completing the necessary hours for one of the degrees, either the Master of Business Administration or the Master of Public Health, but before completing the joint MBA/MPH, will receive the former degree. Students completing solely the Master of Public Health may (depending on background experience) be required to satisfy requirements of a comprehensive MPH program.

Contact Information

School of Public Health

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Liautaud Graduate School of Business

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MSW/MPH

The UIC School of Public Health (SPH) and Jane Addams College of Social Work (CSW) offer a joint program leading to the Master of Social Work/Master of Public Health (MSW/MPH). Programs of study leading to joint MSW/MPH degrees are offered by each of the following SPH Divisions:

Community Health Sciences
Environmental and Occupational Health Sciences
Epidemiology
Health Policy and Administration

Length of Program: Full time students may complete the programs in three to three and ½ years.

Admission Requirements: Students must apply to and be admitted separately to both the School of Public Health and the College of Social Work master's degree programs. The policies of each program with respect to admission requirements, degree requirements, and other academic requirements are applicable. To be considered for admission students must take the GRE (required for admission to SPH), have earned a baccalaureate degree from an accredited institution, and satisfy other application requirements for each college.

Program Requirements: Students must complete a minimum of 42 semester hours of course work at SPH as required by the specific SPH division and must complete 62 semester hours of course work as required for the MSW (inclusive of shared credit hours).

Required Coursework: The coursework for the joint degree will include 1) Core (generalist) courses in Social Work (1st year MSW), 2) core courses in Public Health, 3) divisional core courses in either Community Health Sciences, Epidemiology, Environmental and Occupational Health, or Health Policy and Administration;

4) Specialization courses in Social Work (2nd year MSW), 5) shared electives; 6) field work, optimally at a site which allows the student to integrate his or her training in social work and public health, and 7) a capstone project reflecting the integration of the student's public health and social work training.

CORE (GENERALIST) SOCIAL WORK REQUIREMENTS (28 SH)

SocW430 , SocW410 , SocW460 , SocW570, SocW431, Socw411 , SocW420 , and SocW571

ADVANCED SOCIAL WORK COURSES BY SPECIALIZATION (34 SH)

Students select one:

Organization and Community Practice Specialization Requirements: SocW 519, 531, 572, 520, [3 credits of IPHS 402 shared in lieu of 563, 565, 567], 573; and 6 SH of shared MPH electives.

Child and Family Specialization Requirements: SocW 582, 552, 572, 583, [3 credits of IPHS 402 shared in lieu of 563, 565, 567], 573; and 6 SH of shared MPH electives.

Mental Health Specialization Requirements: SocW 586, 554, 572, 587, [3 credits of IPHS 402 shared in lieu of 563, 565, 567], 573; and 6 SH of shared MPH electives.

School Social Work Specialization Requirements: SocW 588, SocW 555, SPED 410, SocW 572, SocW 589, SocW 565 Research II: School social work [Note: Unlike the other specializations, School social work students may not share IPHS 402 credits in lieu of SocW 565], SocW 573, and 3 SH of shared MPH electives.

CORE SCHOOL-WIDE MPH REQUIREMENTS (18 SH)

IPHS 401, IPHS 402 [or the equivalent online courses- IPHS 404 and IPHS 405], IPHS 403, IPHS 650 (APE), IPHS 698, and IPHS 650* (IPE). ***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

ADVANCED PUBLIC HEALTH COURSES BY CONCENTRATION (VARIABLE)

Community Health Sciences Core Requirements: Students in Community Health Sciences must complete CHSC 421, CHSC 422, CHSC 423, and an approved concentration.

Environmental and Occupational Health Core Requirements: Students in EOHS must complete the following: EOHS 401, EOHS 402, EOHS 440, EOHS 495, EOHS 501, EOHS 502, EOHS 556 and select at least one Computing Skills Selective.

Epidemiology Core Requirements: Students in Epidemiology must complete EPID 404, EPID 406, EPID 410, EPID 411, EPID 591 and BSTT 401.

Health Policy and Administration Core Requirements: HPA students must complete HPA 420, HPA 415, HPA 431, HPA 432, HPA 444, HPA 460, HPA 567, HPA 499.

SHARED CREDIT HOURS

Electives: Except for students in the *School Social Work specialization*, students may reduce the number of credit hours by nine, counting three credits of IPHS 402 towards advanced research (SocW 563, 565, 567) and six semester hours of public health coursework toward the MSW course electives. *Since School Social Work concentration students must take SPED 410 as a part of their required concentration-specific coursework, they only have 3 sh of electives instead of the 6 sh of electives in the other MSW specializations.* Depending on the student's MPH concentration, the joint program may be reduced by an additional 1 to 9 semester hours by counting advisor-approved social work courses toward MPH elective hours. Available elective hours by MPH concentration: 2 sh CHS; 1 sh Epidemiology; up to 3 sh (one pre-approved SocW course) EOHS; 9 sh HPA].

Applied Practice Experience/ Hours: With proper planning and approval of the SPH advisor, the joint program may be reduced by an additional three to five semester hours by incorporating a significant public health experience into the Social Work Field Instruction (SocW 570-573).

Maximum Permissible Shared Hours: The maximum allowable number of shared credit hours is 17 semester hours for students in the School Social Work Specialization. The maximum allowable number of shared credit hours for students in the other three MSW specializations is 20 semester hours. The actual number of shared credit hours that will be permitted is dependent upon the student's division and advisor approval.

Progression through the Program: Students will typically alternate between the colleges beginning with the MSW; for example, in Year 1 students will complete the MSW core course requirements and in Year 2 students will complete the majority of MPH course requirements. In Year 3, students will return to the College of Social Work to complete their MSW specialization requirements and may also take MPH coursework. Students may require one additional semester to complete their MPH coursework within the School of Public Health.

Tuition and Fees: Tuition and fees charged by the two programs differ. Students will be charged MSW tuition and fees for their first year of study and MPH tuition and fees for the second year. In year three, MSW tuition and fees will be applied again. If students must then complete remaining credit hours for the MPH program, the student will be charged MPH tuition and fees for their final semester of attendance.

Transferring into MSW/MPH joint degree program: Students who enter either of the individual degree programs and later decide to transfer into the joint program may do so before entering their second year of study if they meet the admissions requirements of the other degree program. Student

must apply and be accepted into both individual degree programs. Students entering from the SPH individual degree program will begin the Social Work core sequence immediately.

Leaving the program before the requirements for the joint masters is complete: Students who leave after completing the necessary hours for one of the degrees, either the Master of Social Work or the Master of Public Health, but before completing the joint MSW/MPH, will receive the former degree. Students completing solely the Master of Public Health may (depending on background experience) be required to satisfy requirements of a comprehensive MPH program.

CONTACT INFORMATION:

SCHOOL OF PUBLIC HEALTH

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Christopher Mitchell, PhD
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DC/MPH COORDINATED PROGRAM

The UIC School of Public Health (SPH) and the National University of Health Sciences (NUHS) offer a coordinated program leading to the Doctor of Chiropractic (DC) and the Master of Public Health (MPH).

Programs of study leading to coordinated DC/MPH degrees are offered by each of the following SPH Divisions:

- Community Health Sciences
- Environmental and Occupational Health Sciences
- Epidemiology
- Health Policy and Administration

Program Goals: The goals of this coordinated program include: (1) providing students with a core understanding of the ways in which complementary and alternative medicine (CAM), chiropractic and public health work together and can be integrated for efficient and effective health care, health policy and research, (2) enhancing the educational value of each degree by coordinating respective curricula, and (3) increasing the professional impact of both degrees by developing a well-trained group of professionals capable of integrating and addressing issues at the intersection of public health and CAM.

Length of Program: Full time students may complete the programs in four and one-half years including twelve trimesters of required DC course work, concurrent UIC SPH courses and one full-time semester at UIC.

Admission Requirements: Students must apply to and be admitted separately to both the School of Public Health and the National University of Health Sciences Doctor of Chiropractic degree program. The policies of each program with respect to admission requirements, degree requirements, and other academic requirements are applicable.

To be considered for admission students must take the GRE, have earned a baccalaureate degree from an accredited institution, and satisfy other application requirements for each institution.

Applicants must be accepted into both schools and complete the DC/MPH application available from NUHS, Thomas Grieve, DC, MPH, phone: (630) 889-6442, tgrieve@nuhs.edu.

Program Requirements: Students must complete a minimum of 42 semester hours of course work at SPH as required by the specific SPH division. Students' work at UIC may qualify for up to twelve hours of elective credit at the National University of Health Sciences, depending on the specific courses chosen and applicability to the elective credit required for the NUHS DC program. Students will be required to meet all other curricular requirements of both NUHS and the UIC SPH division. Students are strongly encouraged to begin studies at both schools in the Fall term. Students receiving financial aid through NUHS will be designated as students with NUHS as the "home" school and UIC as the "host school" through an NUHS – UIC consortium agreement.

Progression through the Program: DC/MPH students will be enrolled in the year-round, 12 trimester NUHS DC program, concurrently taking UIC SPH courses. Students will take one full-time term at UIC (UIC intensive term) with no NUHS courses, permitting students to complete courses not offered on-line and to become immersed in the culture of research and academic inquiry at UIC. During the final 2 DC terms (clinical internship), students will be assigned to the NUHS Chicago Clinic located in the UIC Marketplace near the UIC SPH campus. In addition to the regular clinical hours, the student will complete MPH courses, field work or any required or elective courses not available on-line.

Advising: Students in the coordinated program have a NUHS DC faculty advisor and are mentored by Dr. Thomas Grieve, DC, MPH at NUHS. In addition, the DC/MPH students will be assigned a UIC SPH division specific advisor for the MPH program, take part in the UIC SPH orientation, and complete required non-credit training.

Contact Information

School of Public Health

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National University of Health Sciences
Thomas Grieve, DC, MPH
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JD/MPH COORDINATED PROGRAM

The UIC School of Public Health and the Chicago-Kent College of Law, Illinois Institute of Technology offer a coordinated program leading to the Juris Doctor (JD) and the Master of Public Health (MPH).

The program of study leading to the JD/MPH degrees is offered through the **Health Policy and Administration** division.

Length of Program: Full-time students may complete the degree in four and one-half years; part-time students in up to five and one-half years.

Admission Requirements: Students must apply and be accepted to both the Chicago-Kent College of Law, IIT and UIC School of Public Health. Interest in the coordinated program should be indicated in the admission applications. LSAT scores may be substituted for GRE scores as part of the application to the School of Public Health

Program Requirements: Students must complete a minimum of 43 semester hours of course work at SPH through the Health Policy and Administration (HPA) division. Students' work at UIC will qualify for twelve hours of elective credit at Chicago-Kent (approximately one semester's work). During the remaining semesters at Chicago-Kent, students will be required to meet all other curricular requirements of the law school. Students may begin their study by attending either school first, but cannot take courses at both schools during the same semester without special approval by both schools. Students receiving financial assistance are advised to attend only one school during an academic year.

The coordinated program is tailored to accommodate students on either a full-time or part-time basis. Each institution will assess its own tuition and fees.

Core Requirements by Chicago-Kent Law School (60 SH)

Juris Doctorate Core Courses (40 SH)		
Course	Title	Credits
Law 206	Legislative Process	3 SH
Law 251	Contracts	5 SH
Law 253	Torts	5 SH
Law 257	Criminal Law	3 SH
Law 258	Civil Procedure	5 SH
Law 259	Legal Writing 1	3 SH
Law 260	Legal Writing 2	2 SH

Law 261	Property	4 SH
Law 275	Constitutional Law	4 SH
Law 415	Professional Responsibility	2 SH
Law 431	Legal Writing 3	1 SH
Law 432	Legal Writing 4	3 SH
School of Public Health Core Courses (18 SH)		
Course	Title	Credits
IPHS 401	Determinants of Population Health	4 SH
IPHS 402	Analytic and Research Methods in Public Health (onsite)	6 SH
IPHS 404	OR	3 SH
IPHS 405	Analytic and Research Methods in Public Health Part 1 (online)	3 SH
	AND	
	Analytic and Research Methods in Public Health Part 2 (online)	
IPHS 403	Public Health Systems, Policy and Management	4 SH
IPHS 650	Applied Practice Experience in Public Health	3-5 SH
IPHS 650*	Interprofessional Education	0 SH
IPHS 698	MPH Integrative Learning Experience Experience	1 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
Title IX Training – Sexual Harassment (https://www.ethics.uillinois.edu/training/sexual_misconduct_training)		Non-credit

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Electives (69 SH)

JD Electives (47 SH; inclusive of shared courses)

Through elective courses students may pursue a deeper understanding of a particular substantive, health-related area, including disability law, elder law, environmental and energy law, family law, food and drug law, genetics and law, health law, medical malpractice, and reproductive technologies law.

MPH Division Requirements and Electives (22 SH)

Students must satisfy requirements of the Health Policy and Administration's MPH Professional Enhancement Program. MPH course electives must at a minimum bring the total MPH program hours to 43 semester hours.

Course	Title	Credits
HPA 420	U.S. Health Care System for Public Health Practitioners	3 SH
HPA 415	Introduction to Public Health Policy	3 SH
HPA 431	Public Health Law and Ethics	3 SH
HPA 432	Public Health Policy and Practice	3 SH
HPA 444	Strategic Planning and Budgeting	3 SH
HPA 460	Introduction to the Economics of Health and Healthcare	3 SH
HPA 567	Public Health Policy Analysis	3 SH
HPA 499	Introduction to Research Design for Public Health Practitioners	1 SH

Shared Courses: Twelve hours of course-work (roughly one semester's worth of credit) taken at the School of Public Health will count toward elective credit at Chicago-Kent, enabling full-time students to complete both degrees in 4 ½ years. With proper planning, participation in clinical experiences and/or externships at Chicago-Kent also may satisfy the School of Public Health's Applied Practice Experience requirement and provide a foundation for the MPH Integrative Learning Experience project.

Tuition and fees: While a student is attending one school, he or she will be considered on official leave of absence at the other school. Thus, the student will pay tuition and be eligible for scholarship support at only one school at a time. Students must file a leave of absence with SPH for the terms they will be attending Law School.

Advising: Students will be assigned joint advisors, one faculty member from Chicago-Kent College of Law and one faculty member from the School of Public Health.

Transferring into JD/MPH coordinated degree program: Students who enter either of the individual degree programs and later decide to transfer into the coordinated program may do so before entering their second year of study if they meet the admissions requirements of the other degree program. Students must apply and be accepted into both individual degree programs.

Leaving the program before the requirements for the coordinated program are complete: Students who leave after completing the necessary hours for one of the degrees, either the Juris Doctor or the Master of Public Health, but before completing the coordinated JD/ MPH will receive the former degree. Students completing solely the Master of Public Health may (depending on background experience) be required to satisfy requirements of a comprehensive MPH program.

Contact Information

School of Public Health

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IIT Chicago-Kent College of Law

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DVM/MPH

The College of Veterinary Medicine at the University of Illinois Urbana-Champaign (UIUC) and the UIC School of Public Health offer a joint degree program leading to the Doctor of Veterinary Medicine (DVM) and Master of Public Health (MPH) degrees.

Programs of study leading to coordinated DC/MPH degrees are offered by each of the following SPH Divisions:

Community Health Sciences
Epidemiology

Length of Program: Full-time students may complete the degree in five years.

Admission Requirements: Students must apply and be accepted to both the UIUC College of Veterinary Medicine DVM program and the School of Public Health. Students must have earned a baccalaureate degree to qualify for admission to the joint degree program. Applicants should indicate interest in the joint program on the admission applications.

Program Requirements

All students must satisfy the requirements for both the DVM and MPH program. The joint DVM/MPH program is a five year program of study consisting of a combination of on-line and on-site courses and concluding with a research based Integrative Learning Experience project. Students in the program must satisfy the required four years of the professional veterinary medicine curriculum as well as a minimum of 42 semester hours of required and elective courses in Public Health toward the Master of Public Health degree program; including required School-wide core and division requirements of either Community Health Sciences or Epidemiology.

Veterinary Medicine students will ordinarily complete Years 1 through 3 of their veterinary medicine training at UIUC, while taking some public health courses on-line. DVM students will spend a minimum of two semesters (fall and spring) in residence at the UIC School of Public Health following their third year of veterinary medicine training. Students are encouraged to spend a summer in Chicago to complete their field experience and Integrative Learning Experience project in a public health- related setting. Students will return to UIUC to complete their fourth year clinical rotations.

Shared Courses: Up to 12 SH of required MPH courses may be counted toward the free electives required of DVM students during their 4th year clinical rotations. Between 3-5 semester hours of credit for Applied Practice Experience and Integrative Learning Experience (1 hour) may apply to the DVM degree. No more than 25% of total credit hours required may be shared between the programs.

Tuition and fees: While a student is attending one school, he or she will be considered on official leave of absence at the other school. Thus, the student will pay tuition and be eligible for scholarship support at only one school at a time.

Advising: Students will be assigned joint advisors, one faculty member from UIUC College of Veterinary Medicine and one faculty member from the UIC School of Public Health.

Transferring into DVM/MPH joint degree program: Students who enter either of the individual degree programs and later decide to transfer into the joint program may do so before entering their second year of study if they meet the admissions requirements of the other degree program. Students must apply and be accepted into both individual degree programs. Application to the MPH is through SOPHAS.

Leaving the program before the requirements for the joint masters is complete: Students who leave after completing the necessary hours for one of the degrees, either the DVM or the MPH, but before completing the joint DVM/MPH, will receive the former degree. Most students completing solely the MPH would be required to satisfy requirements of a comprehensive MPH program.

Contact Information

School of Public Health

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UIUC - College of Veterinary Medicine

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MD/MPH

The UIC College of Medicine (COM) and the UIC School of Public Health offer a joint degree leading to the Doctor of Medicine (MD) and Master of Public Health (MPH) degrees.

Programs of study leading to the MD/MPH joint degree are offered by each of the SPH Divisions:

Community Health Sciences
Environmental and Occupational Health Sciences
Epidemiology
Health Policy and Administration

Length of Program: Full-time students may complete the degree in five years.

Admission Requirements: Students must apply and be accepted to both the UIC College of Medicine program and School of Public Health. Applicants should indicate interest in the joint degree program on the admission applications.

Program Requirements

All students must satisfy the requirements for both the MD and MPH program; including a minimum of 43 semester hours of MPH course work. (More may be required depending on SPH division.)

Concurrent public health course work during the M1 through M3 years is discouraged. However, SPH night or online courses might be allowed at the discretion of the advisors (subject to approval of the COM program governing body or Senior Associate Dean and the SPH Associate Dean for Academic Affairs) for select students who have established excellent academic standing in both the College of Medicine and School of Public Health

An example of progression through the joint degree MD/MPH program follows:

Course	Title	Credits
M1 YEAR		
FALL AND SPRING SEMESTERS		
Students complete M1 Year requirements		
SUMMER SEMESTER		
Students may take 1 or 2 of the aforementioned MPH courses in the Summer following M1 Year		
M2 YEAR		
FALL AND SPRING SEMESTERS		
Students complete M2 Year requirements		
M3 YEAR		
FALL AND SPRING SEMESTERS		
Students complete M3 Year requirements		
YEAR 4 (42 SH) - School of Public Health Courses		
Students pursue one year of full-time study at the School of Public Health. Students typically take 15 SH of course work in both the Fall and Spring semesters for a total of 42 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
YEAR 5		
IPHS 650	Applied Practice Experience in Public Health	3 SH
IPHS 698	MPH Integrative Learning Experience	1 SH
IPHS 650*	Interprofessional Education	0 SH
M4 Rotations:		
Med or Peds Sub – 1 to 4 weeks Specialties – 18 weeks		
Anesthesia/ Radiology – 4 weeks		
Ophthalmology – 1 weeks		
Otolaryngology – 2 weeks		
Orthopaedics – 2 weeks		
Dermatology – 2 weeks		
Neurology – 2 weeks		

***Interprofessional Education will be approved by campus Spring 2019. (IPHS 420 will be effective Fall 2019)**

Shared Courses: With proper advisement, MD/MPH students may complete between 3 and 5 semester hours of the MPH Applied Practice Experience (IPHS 650) during the M4 year and receive (6 to 8) weeks of credit toward MD electives.

With proper planning and prior approval of the MPH advisor, joint degree students may take a non-clinical medical elective during their M4 year and receive independent study credit toward the MPH degree. [For example two semester hours of independent study may be awarded for completing the 30 contact hour multi-disciplinary course: "Patient Safety and Quality Outcomes".

With proper planning and prior approval by the Medical School, joint degree students may receive credit toward the M4 electives by taking an advanced-level public health course.

No more than 25% of the total hours for both degrees will consist of shared course work.

Tuition and Fees: Tuition and fees charged by the two programs differ. Students will be charged the College of Medicine tuition and fees during their M1 through M4 years. The School of Public Health tuition and fees will be assessed while taking MPH courses during the Summer terms and during the year of study at the School of Public Health.

Advising: Students in the joint program will have two advisors, one from the College of Medicine faculty and one from the divisional School of Public Health faculty, to assist the student with each respective program. Joint advisors will ensure that the students understand the program requirements and any course sequence requirements. They will also suggest electives appropriate to the students' interests.

Transferring into MD/MPH joint degree program: Students who enter either of the individual degree programs and later decide to transfer into the joint program may do so before entering their second year of study if they meet the admissions requirements of the other degree program. Students must apply and be accepted into both individual degree programs. Medical students should contact Dr. Jorge Girotti, Associate Dean and Director, Admissions, Special Curricular Programs, COM, for assistance with putting together an application package for the MPH program.

Leaving the program before the requirements for the joint degree is complete: Students who leave after completing the necessary hours for one of the degrees, either the MD or the MPH, but before completing the joint MD/MPH, will receive the former degree. Most students completing solely

the Master of Public Health would be required to satisfy requirements of a comprehensive MPH program.

Contact Information

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College of Medicine

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INTERDEPARTMENTAL CONCENTRATIONS

MPH students may participate in the following Interdepartmental Concentrations :

Interdepartmental Concentration	CHS	EOHS	Epidemiology	HPA
<u>Gender and Women's Studies</u>	x	x	x	x
<u>Global Health</u>	x	x	x	x
<u>Violence Studies</u>	x	x	x	x
<u>Women's Health</u>	x	x	x	x

GENDER AND WOMEN'S STUDIES

The School of Public Health is a participating department in the graduate concentration in Gender and Women's Studies offered by the Gender and Women's Studies Program at the University of Illinois at Chicago. Once admitted to SPH, students may apply to the GWS Program for admission to the concentration.

Experiencing GWS courses will allow students to critically examine issues of women and gender, as well as their complex intersections with race, class, ethnicity, and sexual identity; providing a rich, interdisciplinary focus.

For additional details about the program visit: <https://gws.uic.edu/gws/academics/grad-concentration>.

Contact Information

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GLOBAL HEALTH

The Global Health Concentration is designed to attract students at the master's level who are interested in preparing for international careers in government, health care agencies, NGOs, industry, and academic institutions. International students who undertake the concentration will be better prepared to return to their home countries to work in the country's ministry of health, international governmental agencies, and other health care organizations.

At the conclusion of the concentration, students will be able to:

- Demonstrate knowledge of the Social Determinants of Health (SDH) and their contribution to the health of populations globally, as well as the influence of SDH (including economic, political and environmental) on programmatic approaches in international settings.
- Demonstrate critical understanding of the major causes of morbidity and mortality around the world, and explain how the risk for disease varies within and across regions.
- Describe the roles and relationships of the major entities influencing global health and development, and how they work to address communicable and non-communicable diseases, including injury, given context specific challenges within countries and regions.
- Demonstrate an ability to use systems thinking to analyze programs at the local, national and international levels.
- Demonstrate a vision and philosophy of ethical professional practice that address health equities and human rights in global health.

Upon admission to the SPH division of their choice ([CHS](#), [EPID](#), [BSTT](#), [EOHS](#) or [HPA](#)), students apply to the Global Health Concentration through submission of a Global Health Concentration Application and current resume. With proper planning the concentration can be completed during the same time period required for the MPH Professional Enhancement Program (PEP) or MPH Comprehensive program.

In addition to MPH program requirements, students pursuing the Global Health Concentration must complete a minimum of 9 semester hours consisting of the following courses:

Concentration Course Requirements (6 SH)

Course	Title	Credits
IPHS 409*	Global Public Health Challenges	3 SH
IPHS 410**	Global Public Health Solutions	3 SH

* Offered in fall term.

** Offered in spring term.

Courses need not be taken sequentially.

Electives (3 SH)

Taking a cross-disciplinary approach to public health, the Global Health Concentration draws upon course work and other resources throughout UIC that will help GH students to deepen their knowledge and understanding of the challenges, issues, and skills required to successfully address health problems globally. Selection of an elective should be made with the help of the student's academic advisor.

For a current listing of approved Global Health Elective Courses, students should contact Erin Farmer, Program Coordinator, Global Health Program.

Please note that registration is subject to the offering department's approval.

Additional Requirements for MPH Students

IPHS 650 MPH Applied Practice Experience in Public Health (3 to 5 SH)

IPHS 698 MPH Integrative Learning Experience (1 SH)

MPH students must complete the **MPH Applied Practice Experience and the MPH Integrative Learning Experience** with a **Global Health focus**. For most students, it is anticipated the Integrative Learning Experience Project will be based upon the student's global health Applied Practice Experience. Students must assure that the MPH Applied Practice Experience and Integrative Learning Experience meet the academic requirements of the division in which the student is enrolled. As such, students must meet with both the divisional Applied Practice Experience coordinator and Alyson Lofthouse, Senior Associate Director, to assure the experience meets the academic requirements for both the division and the global health concentration.

Students are highly encouraged to complete an Applied Practice Experience based internationally or to identify an appropriate alternative. Global health Applied Practice Experiences include but are not limited to: working with an international NGO, a global health agency, or an ethnic community in the U.S.

With permission from their advisor, PEP MPH students with prior international experience suitable for their division have the option of either petitioning the Committee on Academic Progress (CAP) to waive the applied practice experience or undertaking the internship. If the internship is waived, students in the concentration must complete an additional 3 SH elective in global health. (With proper planning, the substitute elective may satisfy both GHC and division requirements.)

Contact Information

Alyson Lofthouse, MUPP
Associate Director, Global Health
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Also, visit the School of Public Health Global Health website at
<http://publichealth.uic.edu/global-health-program>

VIOLENCE STUDIES

The School of Public Health is a participating department in the graduate concentration in Violence Studies offered in collaboration with the Departments of Criminology, Law, and Justice, Psychology, and Political Science as well as the Gender and Women's Studies Program and the Jane Addams College of Social Work. The concentration is administered jointly through the Department of Criminology, Law, and Justice and the College of Social Work.

Composed of courses from multiple disciplines, this concentration provides students with a holistic view of the problem of violence in society and deepens their knowledge and skill set to address it. This concentration aims to produce broadly trained individuals who can apply theories and methods from multidisciplinary perspectives to critically analyze and effectively respond to various types of violence in society through innovative programs of research, policy development, treatment, and prevention. The concentration requires a minimum of 11 semester hours (4 courses) with two courses selected from a list of foundational courses and then two additional supplementary courses.

For additional details about the program including the required course work, review the Graduate Catalog description at <https://catalog.uic.edu/gcat/colleges-schools/social-work/vios-conc/>.

Contact Information

Patricia O'Brien, PhD
Associate Professor, Jane Addams College of Social Work
(312) 996-2203
pob@uic.edu

WOMEN'S HEALTH

The Interdepartmental Graduate Concentration in Women's Health is co-sponsored by the UIC College of Nursing, the School of Public Health, and the Gender and Women's Studies program. The Concentration is housed within the College of Nursing.

This Concentration encompasses the multidisciplinary of Women's Health and provides training in the foundations of Women's Health through its structure and content. The Core courses provide a broad overview of the field and issues within Women's Health, and they address the need for a conceptual and applied background in Women's Health. The elective allows a student to pursue an issue or area of professional interest in Women's Health. The multidisciplinary requirement in this Concentration ensures that a student has significant exposure to a paradigm other than the dominant paradigms used within their own school or department.

This concentration is an elective concentration for graduate students, consisting of core and elective courses across several academic units. The Concentration curriculum can be completed without the need to change existing graduate college or departmental academic requirements. In the case of certain academic units, however, students may need to complete additional hours beyond the minimum required for a masters or a doctoral degree within their home school, college or department.

The Interdepartmental concentration in Women's Health requires 12 semester hours (SH) and is designed for completion in as little as four semesters by completing one course each semester. Students must complete at least 6 SH outside of their home area and take one core course from three separate areas: 1) Introductory Women's Health, 2) Women's Health Specific Issues, and 3) Theory/Methods.

For a complete description of the concentration, including its target audience, course requirements, and designated and affiliated faculty see the College of Nursing website at:

<https://www.nursing.uic.edu/academics-admissions/certificate-programs#womens-health-concentration>

Contact Information

Carrie Klima, CNM, PhD
Concentration Director and Clinical Associate Professor of Nursing
(312) 996-1863
cklima@uic.edu

MPH DEGREE COMPETENCIES

The MPH program is designed so that an MPH student will achieve the 22 competencies listed below by the time he/she graduates. The competencies are grouped within eight learning domains. These competencies are limited in their focus to learning that is expected to occur as a result of completing core courses, the Applied Practice Experience and Integrative Learning Experience, and other activities that are required of all MPH students. Competencies for the MPH degree within each academic division provide further specialized objectives appropriate to students in each division.

Evidence-based Approaches to Public Health

1. Apply epidemiological methods to the breadth of settings and situations in public health practice
2. Select quantitative and qualitative data collection methods appropriate for a given public health context
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate
4. Interpret results of data analysis for public health research, policy or practice

Public Health & Health Care Systems

5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings
6. Discuss the means by which structural bias, social inequities and racism undermine health and create challenges to achieving health equity at organizational, community and societal levels

Planning & Management to Promote Health

7. Assess population needs, assets and capacities that affect communities' health
8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs
9. Design a population-based policy, program, project or intervention
10. Explain basic principles and tools of budget and resource management
11. Select methods to evaluate public health programs

Policy in Public Health

12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence
13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes
14. Advocate for political, social or economic policies and programs that will improve health in diverse populations
15. Evaluate policies for their impact on public health and health equity

Leadership

- 16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making
- 17. Apply negotiation and mediation skills to address organizational or community challenges

Communication

- 18. Select communication strategies for different audiences and sectors
- 19. Communicate audience-appropriate public health content, both in writing and through oral presentation
- 20. Describe the importance of cultural competence in communicating public health content

Interprofessional Practice

- 21. Perform effectively on interprofessional teams

Systems Thinking

- 22. Apply systems thinking tools to a public health issue

MPH FOUNDATIONAL PUBLIC HEALTH KNOWLEDGE

SPH ensures that all MPH graduates are grounded in foundational public health knowledge. This is measured by the level of achievement of the learning objectives listed below.

Profession & Science of Public Health

1. Explain public health history, philosophy and values
2. Identify the core functions of public health and the 10 Essential Services
3. Explain the role of quantitative and qualitative methods and sciences in describing and assessing a population's health
4. List major causes and trends of morbidity and mortality in the US or other community relevant to the school or program
5. Discuss the science of primary, secondary and tertiary prevention in population health, including health promotion, screening, etc.
6. Explain the critical importance of evidence in advancing public health knowledge

Factors Related to Human Health

7. Explain effects of environmental factors on a population's health
8. Explain biological and genetic factors that affect a population's health
10. Explain the social, political and economic determinants of health and how they contribute to population health and health inequities
11. Explain how globalization affects global burdens of disease
12. Explain an ecological perspective on the connections among human health, animal health and ecosystem health (e.g., One Health)

COMPETENCIES BY DIVISION AND CONCENTRATION

BIostatistics Competencies

In addition to school-wide competencies for all MPH graduates in Public Health, an MPH graduate in Biostatistics will attain skills in the practice of biostatistics for research in academic, government, and industry settings. Upon graduation s/he will be able to:

Competency	Course Number/Course Name
Select an appropriate statistical model for various types of public health data, including continuous, categorical, and time to event outcomes.	BSTT 401: Biostatistics II
	BSTT 505: Logistic Regression and Survival Analysis
	BSTT 413: R Programming
Apply model selection techniques and diagnostic procedures to identify parsimonious multivariable regression models and assess their distributional assumptions.	BSTT 401: Biostatistics II
	BSTT 505: Logistic Regression and Survival Analysis
	BSTT 537: Longitudinal Data Analysis
Interpret crude and adjusted measures of association and effectively communicate statistical results to diverse audiences.	BSTT 401: Biostatistics II
	BSTT 505: Logistic Regression and Survival Analysis
	BSTT 537: Longitudinal Data Analysis
	BSTT 413: R Programming
Critically evaluate protocols and results of randomized clinical trials to identify strengths and limitation, ethical issues, and assess randomization schemes.	BSTT 506: Design of Clinical Trials
Fit appropriate statistical models for repeatedly measured or clustered data.	BSTT 537: Longitudinal Data Analysis
Compute and understand the interrelations and interplays between statistical power and sample size, and their impact on hypothesis testing and the precision of parameter estimates.	BSTT 506: Design of Clinical Trials
	BSTT 537: Longitudinal Data Analysis

COMMUNITY HEALTH SCIENCES COMPETENCIES

In addition to the school-wide competencies, for students pursuing the MPH degree in Community Health Sciences, the following competencies apply:

CORE COMPETENCIES

Competency	Course Number/Course Name
Appraise the role of multi-dimensional factors in both the onset and solution of public health problems among diverse populations.	CHSC 421: Community Health 1: Assessing, promoting, and improving community health
Apply evidence-based approaches in the development and evaluation of community health interventions for diverse populations.	CHSC 422: Community Health 2: Evidence-informed community health
Advocate for resources to implement community health change.	CHSC 421: Community Health 1: Assessing, promoting, and improving community health
Create and communicate an ethical vision and a strategic direction as a leading public health profession.	CHSC 422: Community Health 2: Evidence-informed community health
Communicate with competence and effectiveness to diverse audiences through a variety of traditional and new media.	CHSC 421: Community Health 1: Assessing, promoting, and improving community health

GENERALIST CONCENTRATION

Competency	Course Number/Course Name
Communicate effectively the significance of community health interventions.	CHSC 423: Community Health 3: Professional development in public health practice
Critically analyze population health promotion interventions.	CHSC 423: Community Health 3: Professional development in public health practice
Effectively communicate the development of and results from quantitative and qualitative research projects.	CHSC 423: Community Health 3: Professional development in public health practice
Apply assessment, planning and evaluation skills to a public health problem.	CHSC 423: Community Health 3: Professional development in public health practice
Develop effective communication products for advancing public health goals in written, oral and visual formats.	CHSC 423: Community Health 3: Professional development in public health practice

COMMUNITY-BASED RESEARCH METHODS CONCENTRATION

Competency	Course Number/Course Name
Critically evaluate methodologies for public health research.	CHSC 434: Introduction to Qualitative Methods in Public Health
	CHSC 447: Survey Planning and Design
Apply appropriate research methodologies to public health questions.	CHSC 446: Research Methods in Community Health
	CHSC 534: Management and Analysis of Qualitative Data
Develop appropriate recruitment strategies and instruments for collecting and analyzing different types of data.	CHSC 434: Introduction to Qualitative Methods in Public Health
	CHSC 447: Survey Planning and Design
	CHSC 577: Survey Questionnaire Design
Effectively communicate the development of and results from quantitative and qualitative research projects.	CHSC 446: Research Methods in Community Health
	CHSC 534: Management and Analysis of Qualitative Data
	CHSC 577: Survey Questionnaire Design
Articulate with confidence the values of quantitative and qualitative research projects.	CHSC 446: Research Methods in Community Health
	CHSC 534: Management and Analysis of Qualitative Data

COMMUNITY HEALTH INTERVENTIONS CONCENTRATION

Competency	Course Number/Course Name
Design effective and culturally-relevant strategies to protect and enhance community health.	CHSC 485: Communications, Mass Media and Public Health
	CHSC 584: Community Organizing for Health
	CHSC 586: Health Behavior Interventions
Facilitate community change by nurturing community participation and building collaborations.	CHSC 460: Introduction to Public Health Emergency Preparedness
	CHSC 584: Community Organizing for Health
Connect theoretical frameworks to intervention efforts to improve community-level health.	CHSC 584: Community Organizing for Health
	CHSC 586: Health Behavior Interventions
Communicate effectively the significance of community health interventions.	CHSC 460: Introduction to Public Health Emergency Preparedness
	CHSC 586: Health Behavior Interventions
Articulate ethical dimensions of designing and implementing community interventions to improve health.	CHSC 460: Introduction to Public Health Emergency Preparedness
	CHSC 485: Communications, Mass Media and Public Health

POPULATION HEALTH CONCENTRATION

Competency	Course Number/Course Name
Critically analyze population health promotion interventions.	CHSC 511: MCH Delivery Systems: Services, Programs and Policies
Evaluate policies and systems regarding health care and health promotion for different populations.	CHSC 511: MCH Delivery Systems: Services, Programs and Policies
	CHSC 527: Critical Issues in Long Term Care Policy
	CHSC 544: Public Health Aspects of Adolescence and Youth
Formulate research questions based on a critical evaluation of literature regarding the determinants and health needs of a specific population.	CHSC 524: Health and Aging CHSC 544: Public Health Aspects of Adolescence and Youth CHSC 567: Queer Public Health
Develop a response to the health needs of a specific population using evidence-informed and/or community-engaged approaches.	CHSC 511: MCH Delivery Systems: Services, Programs and Policies CHSC 527: Critical Issues in Long Term Care Policy CHSC 567: Queen Public Health
Develop resources and strategies that are appropriate for addressing the needs of a population across various settings, sectors and stakeholders.	CHSC 511: MCH Delivery Systems: Services, Programs and Policies CHSC 527: Critical Issues in Long Term Care Policy CHSC 567: Queer Public Health

MATERNAL AND CHILD HEALTH CONCENTRATION

In addition to the Community Health Sciences MPH competencies, the following competencies apply for students pursuing the Maternal and Child Health concentration:

Competency	Course Number/Course Name
Apply knowledge of demographic, health, familial, sociocultural and community factors to the design of MCH programs.	CHSC 421: Community Health 1: Assessing, promoting and improving community health
Analyze gaps in existing MCH delivery systems for various MCH populations (e.g., pregnant women, adolescents, CSHCN) and for various MCH issues (e.g., childhood obesity, bullying of LGBTQ youth, well-women care) in order to develop strategies to promote and ensure integrated service systems for MCH populations.	CHSC 511: MCH Delivery Systems: Services, Programs and Policies
Collect and summarize data relevant to a particular MCH problem or issue, identify alternative policy responses to a particular MCH problem, and develop one or more policy options (legislative, administrative, legal) to address this MCH problem.	CHSC 543: MCH Policy and Advocacy

Demonstrate a vision and philosophy for professional leadership in MCH public health.	CHSC 594: Hot topics seminar
Demonstrate critical thinking skillful verbal, non-verbal, and written communication on key social constructs, assumptions, and philosophical approaches that influence public health inquiry and maternal and child health practice and policies.	CHSC 595: MCH Seminar

MATERNAL AND CHILD HEALTH EPIDEMIOLOGY

Competency	Course Number/Course Name
Identify key sources of population data needed to answer questions of interest in maternal and child health.	CHSC 421: Community Health 1: Assessing, promoting, and improving community health
Identify key variables and designs that are routinely considered in reproductive, perinatal and pediatric epi analyses.	CHSC 518: The Epidemiology of Pediatric Diseases
Synthesize population data to inform the design, implementation and/or enhancement of MCH public health programs.	CHSC 511: MCH Delivery Systems: Services, Programs and Policies
Use a variety of epidemiologic and statistical methods appropriate to answer questions under investigation.	EPID 404: Intermediate Epidemiologic Methods
Use the appropriate reporting techniques to communicate key health status and health service issues to multiple stakeholders.	CHSC 543: MCH Policy and Advocacy

ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCES COMPETENCIES

In addition to the school-wide competencies, for students pursuing the MPH degree in Environmental and Occupational Health Sciences, the following competencies apply:

Competency	Course Number/Course Name
Apply scientific principles to characterize and environmental or occupational health problem.	EOHS 402: Systems Approaches in Environmental and Occupational Health
	EOHS 440 Chemistry for Environmental Health Professionals
Describe the implications of environment and occupation for equity and justice in a population.	EOHS 401: Ethics and Justice in Environmental and Occupational Health
Plan a population-based health surveillance program.	EOHS 502: Toxicology and Environmental and Occupational Disease
Anticipate implications of an emerging environmental or occupational health problem.	EOHS 402: Systems Approaches in Environmental and Occupational

	Health
Assess population exposure and risk arising from an occupational or environmental health problem.	EOHS 556: Risk Assessment for Environmental and Occupational Health
Recommend feasible interventions to improve or protect the environmental or occupational health of a population.	EOHS 556: Risk Assessment for Environmental and Occupational Health

ABET-ACCREDITED PROGRAM IN INDUSTRIAL HYGIENE

In addition to the EOHS MPH competencies, students in the **ABET-Accredited Industrial Hygiene** concentration have both applied science and industrial hygiene competencies. :

Concentration	Course Number/Course Name
Apply scientific, mathematical and statistical principles to anticipate, recognize, evaluate and control an occupational hazard.	EOHS 421: Fundamentals of Industrial Hygiene
	EOHS 426: Evaluation and Control of Airborne Contaminants
Interpret an occupational hazard and control in the context of occupational and environmental regulations.	EOHS 501: Exposure Assessment Strategies
	EOHS 425: Evaluation and Control of Physical Stressors
Recommend feasible interventions, programs or controls to address an occupational health need.	EOHS 563: Occupational Health and Safety Management Systems
	EOHS 501: Exposure Assessment Strategies
Anticipate adverse health outcomes as a function of dose, route of exposure, and the toxicological properties of the hazard.	EOHS 556: Risk Assessment for Environmental and Occupational Health
Recognize the value of life-long learning	EOHS 495: Seminar in Environmental and Occupational Health Sciences
Communicate with workers and other professionals to obtain and convey occupational health and safety information	EOHS 421: Fundamentals of Industrial Hygiene

OCCUPATIONAL SAFETY

In addition to the Environmental and Occupational Health Sciences MPH competencies, students in the Occupational Safety concentration will be able to:

Competency	Course Number/Course Name
Conduct a safety inspection of a workplace using qualitative and quantitative tools and applicable standards, regulations and codes.	EOHS 503: Occupational Safety
Review process, work practice, and/or task changes and identify possible impacts on worker safety.	EOHS 421: Occupational Health and Safety Practice
Use exposure and injury data to identify emerging and unrecognized hazards.	EOHS 571: Injury Epidemiology and Prevention
Identify and critique approaches to reduce workplace safety hazards.	EOHS 503: Occupational Safety
Apply a continuous improvement process to the management of workplace health and safety.	EOHS 563: Occupational Safety and Health Management Systems
Apply adult learning theory to safety training methodology.	EOHS 421: Occupational Health and Safety Practice
Participate in a multi-disciplinary team to address and occupational health problems.	EOHS 495: Environmental and Occupational Health Sciences

WATER QUALITY AND HEALTH

Concentration	Course Number/Other educational requirements
Apply principles of basic and applied sciences to characterize a water quality problem and its potential health implications.	EOHS 411: Water Quality Management
	EOHS 418: Water Quality Analysis in Public Health
Evaluate the strengths and limitations of surface water, ground water, and drinking water monitoring frameworks used in advanced economies.	EOHS 411: Water Quality Management
	EOHS 418: Water Quality Analysis in Public Health
Evaluate potential public health interventions to improve or protect population health from water and sanitation problems in low-income countries that have limited public health infrastructure.	EOHS 553: Global Environmental Health
	EOHS 511: Current Challenges in Water and Health
Evaluate whether an acute or chronic health problem may be attributed to insufficient water quantity or quality.	EOHS 402: Systems Approaches in Environmental and Occupational Health
	EOHS 511: Current Challenges in Water and Health
Develop approaches to reducing the impact of climate change and other emerging threats to water quality and quantity for regions that	EOHS 553: Global Environmental Health

vary geographically (flood prone vs drought prone, coastal vs. inland) and that vary in terms of economic development.	EOHS 511: Current Challenges in Water and Health
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OCCUPATIONAL AND ENVIRONMENTAL MEDICINE

Concentration	Course Number/Other educational requirements
Demonstrate core foundational knowledge of toxicological principles.	EOHS 502: Environment, Toxicology, and Disease
Use exposure and injury data to identify emerging and unrecognized hazards.	EOHS 571: Injury Epidemiology and Prevention
Demonstrates understanding of core principles of industrial hygiene, ergonomics, occupational safety, and risk/hazard control and communication (e.g. recognition of regulatory standards and guidelines).	EOHS 421: Occupational Health and Safety Practice
Identifies relevant regulatory agencies with jurisdiction for regulating exposure in the geographic area and industry/agent.	EOHS 563: Occupational Safety and Health Management Systems
Demonstrates and applies understanding of emergency preparedness programs from a medical perspective.	EOHS 406: Public Health Emergency Preparedness and Response
Demonstrates compassion, integrity, and respect for others, as well as sensitivity and responsiveness to diverse worker and community-based populations.	EOHS 401: Ethics and Justice in Environmental and Occupational Health
Participate in a multi-disciplinary team to address occupational health problem.	EOHS 495: Environmental and Occupational Health Sciences Seminar
	EOHS 563: Occupational Safety and Health Management Systems

PUBLIC HEALTH EMERGENCY PREPAREDNESS

Competency	Course Number/Other educational requirements
Describe the basic principles of public health emergency preparedness and response strategies and procedures.	EOHS 406: Public Health Emergency Preparedness and Response
	HPA 407: Foundations of Emergency Management and Continuity Programs
	EOHS 506: Advanced Public Health and Healthcare Emergency Response and Management Operations
Design and apply optimized management tools for public health emergency preparedness and response procedures.	HPA 407: Foundations of Emergency Management and Continuity Programs

	EOHS 506: Advanced Public Health and Healthcare Emergency Response and Management Operations
	EOHS 572: Environmental Risk Assessment and Management OR HPA 466: Critical Infrastructure and Resource Protection Planning
Demonstrate a theoretical background, analytical skills, and application of optimized design principles in formulation public health emergency preparedness and response procedures.	EOHS 406: Introduction to Public Health Emergency Preparedness and Response
	HPA 407: Foundations of Emergency Management and Continuity Programs
	EOHS 424: Evaluation and Control of Radiation Exposures
	EOHS 506: Advanced Public Health and Healthcare Emergency Response and Management Operations
	EOHS 572: Environmental Risk Assessment and Management OR HPA 593: Social Vulnerability
Formulate emergency preparedness and response strategies for implementation in real world practice involving natural and man-made exposures.	EOHS 406: Introduction to Public Health Emergency Preparedness and Response
	HPA 407: Foundations of Emergency Management and Continuity Programs
	EOHS 506: Advanced Public Health and Healthcare Emergency Response
	EOHS 572: Environmental Risk Assessment and Management OR HPA 466: Critical Infrastructure and Resource Protection Planning
Demonstrate skills to operate within a multidisciplinary team of experts based on the diverse operational frameworks defined by FEMA and other federal agencies in this field.	EOHS 406: Introduction to Public Health Emergency Preparedness and Response
	HPA 407: Foundations of Emergency Management and Continuity Programs
	EOHS 506: Advanced Public Health and Healthcare Emergency Response and Management Operations

EPIDEMIOLOGY COMPETENCIES

In addition to the school-wide competencies, for students pursuing the MPH degree in Epidemiology, the following competencies apply:

Competency	Course Number/Other educational requirements
Compare and contrast the determinants of non-infectious diseases.	EPID 411: Epidemiology of Non-Infectious Diseases
Investigate and identify the source of an infectious disease outbreak.	EPID 410: Epidemiology of Infectious Diseases
Develop conceptual frameworks for hypotheses involving disease etiology or health disparities.	EPID 404: Intermediate Epidemiologic Methods
Conduct data management, descriptive analyses and statistical modeling to investigate epidemiologic associations.	EPID 406: Epidemiologic Computing
	EPID 404: Intermediate Epidemiologic Methods
Interpret and synthesize findings from epidemiologic studies, including recognition of the limitations of the data and potential sources of bias and/or confounding	EPID 404: Intermediate Epidemiologic Methods
	EPID 591: Current Epidemiologic Literature
Apply model selection techniques and diagnostic procedures to identify parsimonious multivariable models and assess their distributional assumptions.	BSTT 401: Biostatistics II

MATERNAL AND CHILD HEALTH EPIDEMIOLOGY

In addition to the school-wide competencies, please refer to the competencies listed under the Maternal and Child Health Epidemiology concentration in CHS, above.

HEALTH POLICY AND ADMINISTRATION COMPETENCIES

PUBLIC HEALTH POLICY AND MANAGEMENT

Competency	Course Number/Other educational requirements
Analyze, interpret, and explain the federal public health policy making process with applications at the state and local government levels and with a health in all policies frame.	HPA 415: Introduction to Public Health Policy
Demonstrate and explain the characteristics of the U.S. health care system and the delivery of health care in the U.S.	HPA 420: US Healthcare System for Public Health Practitioners
Recognize and explain the importance of legal analysis as a component of public health practice and assess the ethical implications of legal decision making in public health practice.	HPA 431: Public Health Law and Ethics

Recognize, explain and apply dominant conceptual theories of the public health policy making process using real-world policy “tools”.	HPA 432: Public Health Policy Practice
Understand and apply strategic planning concepts and interpret budget and financial statements for public and non-profit public health organizations.	HPA 444: Strategic Planning and Budgeting
Understand and explain the application of economic theoretical frameworks and empirical evidence to public health policy.	HPA 460: Introduction to Health Economics
Identify, describe, and briefly utilize qualitative and quantitative research and data collection methods and study designs used by public health policy practitioners.	HPA 499: Research Design for Public Health Policy Professionals
Conduct an evidence-informed policy analysis for addressing a current public health policy problem at the federal, state or local levels of government.	HPA 567: Public Health Policy Analysis

ONLINE MPH IN PUBLIC HEALTH INFORMATICS

In addition to the school-wide competencies, for students pursuing the MPH degree in Health Policy and Administration in the Online Public Health Informatics Program, the following competencies apply:

Competency	Course Number/Other educational requirements
Formulate a GIS project design specification and apply GIS techniques to public health projects and competently communicate with a GIS specialist and user teams.	HPA 436: GIS Applications for Environmental and PH Professionals
Apply the concepts of General Systems Theory to the design and development of public health information systems and evaluate the determinants of success/failure of investments in health information systems.	HPA 465: Health Information and Decision Support Systems
Plan, model, and design public health surveillance databases.	HPA 481: Development of Public Health Surveillance Information Systems
Assess existing and emerging wireless network technologies and protocols and evaluate the impact of ICTs on effectiveness of web services and mHealth, eHealth, electronic health records and other HIT applications.	HPA 483: Management of Communication Systems for Public Health Applications
Develop and present a framework to formulate and analyze ethical issues related to public health informatics.	HPA 485: Legal and Ethical Issues in Public Health Informatics
Design a high-level conceptual architecture for a public health information system and execute a Project Management Plan to manage complex public health information systems.	HPA 488: Public Health Information Systems Evaluation and Project Management
Plan, design, and develop an interactive health promotion website that complies with intellectual property and copyright regulations as well as privacy and confidentiality requirements.	HPA 563: Web-based Public Health Information Systems
Apply data mining techniques to public health databases and identify potentials and limitations related to the use of data mining	HPA 565: Datamining Applications in Public Health

techniques in public health.	
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GLOBAL HEALTH

In addition to the school-wide MPH competencies, the following competencies apply for students pursuing the Global Health concentration:

Competency	Course Number/Other educational requirements
Demonstrate knowledge of the Social Determinants of Health (SDH) and their contribution to the health of populations globally, as well as the influence of SHD (including economic, political and environmental) on programmatic approaches in international settings.	IPHS 409: Global Public Health Challenges
Demonstrate a critical understanding of the major causes of morbidity and mortality around the world, and explain how the risk for disease varies within and across regions.	IPHS 409: Global Public Health Challenges
Describe the roles and relationships of the major entities influencing global health and development, and how they work to address communicable and non-communicable diseases, including injury, given context specific challenges within countries and regions.	IPHS 410: Global Public Health Solutions
Demonstrate an ability to use systems thinking to analyze programs at the local, national and international levels.	IPHS 410: Global Public Health Solutions
Demonstrate a vision and philosophy of ethical professional practice that addresses health equities and human rights in global health.	IPHS 410: Global Public Health Solutions