



# Master of Public Health 45-Credit Program

# 2019-2020 MPH CURRICULUM GUIDE



SCHOOL OF PUBLIC HEALTH  
Powerful ideas for a healthier world

[hsph.me/mpH-curr-guide](https://hsph.me/mpH-curr-guide)

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Every effort is made to ensure the information contained in this guide is accurate at the time of printing and posting. However, the curriculum, including degree requirements, courses, faculty, and program policies are subject to modification as deemed necessary by the Harvard T.H. Chan School of Public Health to provide students with the most meaningful educational experience and to remain current with professional standards and guidelines. This version of the MPH-45 Curriculum Guide only pertains to students matriculating in summer or fall 2019.

## MPH LEADERSHIP AND ADMINISTRATION

The master of public health program is a school-wide degree program governed by the [MPH Steering Committee](#) and supported by the [Office of Educational Programs](#) and the academic department(s) related to each of the fields of study.

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## HARVARD CHAN ESSENTIAL RESOURCES FOR STUDENTS

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### **MPH PROGRAM OFFICE – OFFICE OF EDUCATIONAL PROGRAMS (MPH-OEP OFFICE)**

[hsph.me/mph-program-team](https://hsph.me/mph-program-team)

677 Huntington Avenue, Kresge G-29  
Boston, MA 02115

[mph@hsph.harvard.edu](mailto:mph@hsph.harvard.edu)

617-432-0090

- **Department Program Head Signature (for General Petitions and other forms):**  
Anne Occhipinti, Kresge G-29 or [mph@hsph.harvard.edu](mailto:mph@hsph.harvard.edu)
- **MPH 100 Contact:** Sarah Stillman, [stillman@hsph.harvard.edu](mailto:stillman@hsph.harvard.edu)
- **ID 201 Waivers:** Waiver of Core Courses Form ([hsph.me/registrar-forms](https://hsph.me/registrar-forms))
- **Field of Study Waiver and Substitution Requests:** MPH-OEP Office ([mph@hsph.harvard.edu](mailto:mph@hsph.harvard.edu)), Field of Study Leader, and Academic Administrator(s)

### **REGISTRAR'S OFFICE** || [hsph.me/registrar](https://hsph.me/registrar)

Kresge G-4 Suite

[registrar@hsph.harvard.edu](mailto:registrar@hsph.harvard.edu)

617-432-1032

- **Academic Calendar:** [hsph.me/academic-calendar](https://hsph.me/academic-calendar)
- **Harvard Course Catalog:** [my.harvard.edu](https://my.harvard.edu)
- **Student Handbook:** [hsph.me/student-handbook](https://hsph.me/student-handbook)
- **Student Knowledge Center:** [hsph.me/knowledge-center](https://hsph.me/knowledge-center) (information about course enrollment, cross-registration, etc.)

### **OFFICE FOR ALUMNI AFFAIRS** || [hsph.me/alumni-office](https://hsph.me/alumni-office)

90 Smith Street, Fourth Floor

[alumni@hsph.harvard.edu](mailto:alumni@hsph.harvard.edu)

### **OFFICE FOR CAREER ADVANCEMENT** || [hsph.me/career-services](https://hsph.me/career-services)

Kresge G-4 Suite

[careers@hsph.harvard.edu](mailto:careers@hsph.harvard.edu)

### **OFFICE OF DIVERSITY AND INCLUSION** || [hsph.me/diversity](https://hsph.me/diversity)

Kresge G-4 Suite

[odi@hsph.harvard.edu](mailto:odi@hsph.harvard.edu)

### **OFFICE OF FINANCIAL AID** || [hsph.me/fin-aid-office](https://hsph.me/fin-aid-office)

Kresge G-4 Suite

[osfs@hsph.harvard.edu](mailto:osfs@hsph.harvard.edu)

### **OFFICE OF REGULATORY AFFAIRS AND RESEARCH COMPLIANCE** || [hsph.me/orarc](https://hsph.me/orarc)

- **MPH Resource: Institutional Review Board (IRB):** [hsph.me/mphirb](https://hsph.me/mphirb)

### **OFFICE FOR STUDENT AFFAIRS** || [hsph.me/student-affairs](https://hsph.me/student-affairs)

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[studentaffairs@hsph.harvard.edu](mailto:studentaffairs@hsph.harvard.edu)

- **Housing Resources:** [hsph.me/housing](https://hsph.me/housing)
- **Student Support Services:** [hsph.me/support-services](https://hsph.me/support-services)

## DEGREE REQUIREMENTS AND PROGRAM POLICIES

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### DEGREE REQUIREMENTS

All MPH-45 students must fulfill the following requirements regardless of their field of study:

- **45 credits** minimum
  - Minimum of **32.5 ordinal credits**
  - No more than **12.5 pass/fail credits** (independent studies are only p/f)
- Successful completion of all courses required by your field of study
- Applied Practice Experience
- Integrative Learning Experience
- Cumulative grade point average of at least 2.7

### PROGRAM POLICIES FOR MPH-45 STUDENTS

Below are the main program policies that apply to all academic year (residential) MPH-45 students, regardless of their field of study:

- Can take a maximum of **27.5 credits** in fall and spring semesters
- Limited to a maximum of **3.75 online credits** in any semester with a maximum of **10 online credits overall** out of the required 45 credits for the MPH degree
- All full-time MPH students are expected to participate in a Winter Session activity that furthers their educational goals and is approved by the MPH-OEP Office. To learn more, visit [hsph.me/mpw-winter-session](https://hsph.me/mpw-winter-session)

### ACADEMIC DEADLINES & HARVARD EMAIL

Students are responsible for knowing and meeting all deadlines and regularly reading their Harvard email. The School's academic calendar is posted on the Registrar's Office website ([hsph.me/academic-calendar](https://hsph.me/academic-calendar)).

### TRANSFER CREDITS, WAIVERS, & SUBSTITUTIONS

The Harvard Chan School does not accept transfer credits from other academic institutions. However, students who have taken equivalent courses at another School of Public Health may petition to waive or substitute a requirement. If a waiver or substitution is approved, the MPH-45 student must still fulfill the 45 credit minimum requirement in order to graduate. If students want to transfer non-degree credits earned at the Harvard Chan School, they must submit a Non-Degree Credit Transfer Form ([hsph.me/registrar-forms](https://hsph.me/registrar-forms)). Students may petition to transfer a maximum of 20 non-degree Harvard Chan credits to their degree program.

### FIELD OF STUDY CHANGES

For questions about requesting to change your field of study, visit [hsph.me/mpw-fos-changes](https://hsph.me/mpw-fos-changes) or contact the MPH-OEP Office ([mpw@hsph.harvard.edu](mailto:mpw@hsph.harvard.edu)).

## **STUDENT STATUS (FULL-TIME, PART-TIME, & HALF-TIME)**

Adjusting your credit load may affect your student health insurance, billing, graduation date, student loans, grants, scholarships, and/or student visa (if applicable). Therefore, students considering changing their credit load may want to contact the following offices:

1. MPH-OEP Office – [mph@hsph.harvard.edu](mailto:mph@hsph.harvard.edu)
2. Registrar's Office – [registrar@hsph.harvard.edu](mailto:registrar@hsph.harvard.edu)
3. Office of Financial Aid – [osfs@hsph.harvard.edu](mailto:osfs@hsph.harvard.edu)
4. Harvard International Office (Elizabeth Capuano)–[elizabeth\\_capuano@harvard.edu](mailto:elizabeth_capuano@harvard.edu)

## **THE HARVARD CHAN SEMESTER-BASED SYSTEM**

The Harvard Chan School uses a semester-based system. For more information, see [hsph.me/navigating-your-field-of-study](https://hsph.me/navigating-your-field-of-study).

## **ENROLLING IN ONLY ONE SESSION IN A SEMESTER**

Academic year (residential) students planning to only enroll in Fall 2 or Spring 2 courses must still enroll in those courses by the Fall/Fall 1 or Spring/Spring 1 add/drop deadline or otherwise risk being withdrawn from degree candidacy. Students who enroll in Winter Session courses are considered enrolled for the spring semester.

## **LEAVE OF ABSENCE**

Students who do not wish to enroll in ANY credits in a specific semester must apply for a leave of absence or risk being withdrawn from degree candidacy. If planning to take a leave, students should contact the MPH-OEP Office. The student will need to complete a Leave of Absence Petition ([hsph.me/registrar-forms](https://hsph.me/registrar-forms)).

## **BILLING & ENROLLMENT**

Course enrollment and pre-paying your tuition bill are closely connected at the Harvard Chan School. For questions about tuition or student billing, visit the Student Billing website ([hsph.me/student-billing](https://hsph.me/student-billing)) or contact the Registrar's Office ([hsph.me/registrar](https://hsph.me/registrar)). To discuss your student status and implications for credit load minimums and maximums, contact the Registrar's Office ([registrar@hsph.harvard.edu](mailto:registrar@hsph.harvard.edu)).

### **Academic Year Full-Time Students**

MPH-45 students are required to complete a minimum of 45 credits in a one-year program. Therefore, students are generally advised to register for approximately 22.5 – 25 credits per semester.

### **Academic Year Part-Time Students**

Part-time students in the MPH-45 program typically complete the degree over 2-3 years (maximum of 3 years).

### *International Students*

International students who are on a student visa may not be part-time. If you have questions regarding your student visa, please speak with the Harvard International Office (HIO) ([elizabeth\\_capuano@harvard.edu](mailto:elizabeth_capuano@harvard.edu)) and with the Registrar's Office ([hsph.me/registrar](https://hsph.me/registrar)).

## MASTER OF PUBLIC HEALTH: PROGRAM OVERVIEW

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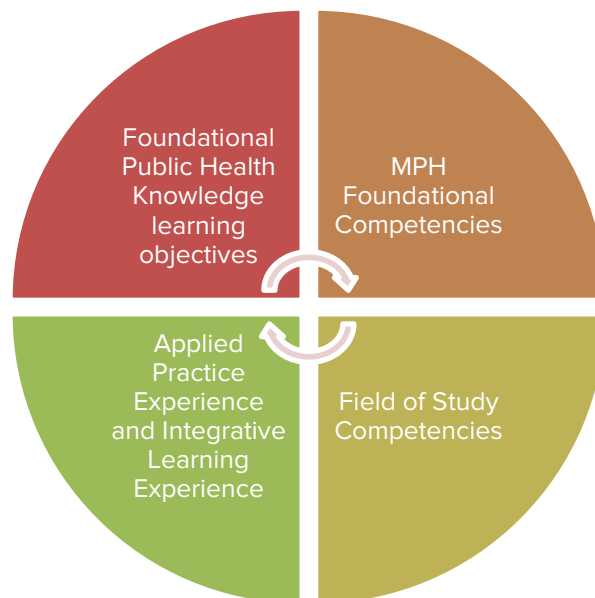
The MPH degree is the most widely recognized professional credential for leadership in public health. The MPH curriculum emphasizes active, student-directed learning, problem solving, and the acquisition of skills essential to the practice of public health. The program is organized around the Foundational Public Health Knowledge learning objectives, the MPH Foundational Competencies, the Applied Practice Experience, and the Integrative Learning Experience laid out by the Council on Education for Public Health (CEPH). Students pursue a career-oriented field of study. Each field of study has defined five distinct competencies that enhance the 12 Foundational Public Health Knowledge learning objectives and the 22 MPH Foundational Competencies.

### HARVARD CHAN'S COMPETENCY AND APPLICATION-BASED MPH CURRICULUM

The MPH public health core curriculum is developed in accordance with the Council on Education for Public Health's Foundational Public Health Knowledge learning objectives and MPH Foundational Competencies required of all students receiving an MPH degree at accredited institutions. The 22 MPH Foundational Competencies are informed by the traditional public health core knowledge areas, (biostatistics, epidemiology, environmental health sciences, health services administration, and social and behavioral sciences), as well as cross-cutting and emerging public health areas. To learn more, visit [hsph.me/competencies](https://hsph.harvard.edu/competencies).

The 12 Foundational Public Health Knowledge learning objectives and the 22 MPH Foundational Competencies are primarily met through the Harvard Chan MPH public health core curriculum, the Applied Practice Experience, and the Integrative Learning Experience.

### The Harvard Chan MPH Degree



## MPH PUBLIC HEALTH CORE CURRICULUM



### MPH PUBLIC HEALTH CORE CURRICULUM

The MPH public health core curriculum is comprised of an online, non-credit short course, *Foundations of Public Health*, the biostatistics and epidemiology core, and five short courses in other foundational public health areas.

Part-time MPH students are strongly encouraged to complete the MPH public health core curriculum in the fall semester of their first year to ensure early grounding in the foundational principles of public health.

<b>BIOSTATISTICS AND EPIDEMIOLOGY CORE</b>				
Course Number	Title	Semester	Credits	Fields of Study
<b>Integrated Biostatistics and Epidemiology (7.5 credits)</b>				
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	Fall only	7.5	GH, HM, HP, HSB, OEH
<b>Advanced Biostatistics and Epidemiology (10 credits)*</b>				
The advanced biostatistics and epidemiology option outlined below is required for students in the Quantitative Methods field of study.				
BST 201	Introduction to Statistical Methods	Fall	5.0	Required: QM
EPI 201 & EPI 202	Introduction to Epidemiology: Methods I Epidemiologic Methods II: Elements of Epidemiologic Research	Fall 1 Fall 2	2.5 2.5	Other FoS: With instructor permission
<b>Summer Start Option (7.5 – 10 credits)</b>				
To fulfill biostatistics and epidemiology core requirements in summer:				
<ul style="list-style-type: none"> <li>QM students take BST 202 (Summer 1), BST 203 (Summer 2), EPI 500 (Summer 1), and EPI 202S (Summer 2)</li> <li>MPH-45 students in other fields of study take BST 202, BST 203, and EPI 500</li> </ul>				

\*Pending instructor permission and no course conflicts with field of study requirements, MPH-45 students in other fields of study may choose the advanced sequence, **totaling 10 credits**, to fulfill their biostatistics and epidemiology core requirements in lieu of ID 201.



<b>MPH FOUNDATIONAL CORE</b>				
<b>Course Number</b>	<b>Title</b>	<b>Semester</b>	<b>Credits</b>	<b>Fields of Study</b>
<b>MPH Core Short Course Sequence (6.25 credits)</b>				
<i>All short courses indicated by asterisk must be taken in the same fall semester and within the same section/time block (Monday <b>and</b> Wednesday, either 11:30-1:00 pm <b>OR</b> 2:00-3:30 pm).</i>				
Not Applicable	Foundations of Public Health <i>(not listed in my.harvard – access via <a href="#">Canvas</a>)</i>	Summer (ONLINE)	Non-Credit	All
MPH 100a*	Leadership and Communication	Fall	2.0	
MPH 100b*	Health Systems	Fall 1	0.5	
MPH 100c*	Social, Behavioral, and Structural Determinants of Health	Fall 1	1.25	
MPH 100d*	Public Health Policy and Politics	Fall 2	1.25	
MPH 100e*	Essential Concepts in Infectious Disease	Fall 2	1.25	

All academic year MPH students will take the five MPH short courses, totaling 6.25 credits, in the fall. None of the five short courses can be waived or substituted, and they are offered only in the fall semester. All five short courses must be taken in the same fall semester and within the same section/time block.

All academic year MPH students also are required to complete a school-wide online, non-credit short course, *Foundations of Public Health*, prior to the start of Fall Orientation. This non-credit course is not listed in my.harvard; instead students will be given access to the course via [Canvas](#) in late summer. Students who complete the course prior to the start of Fall Orientation must also attend the two in-person sessions of the course that will take place on the Monday and Thursday of Fall Orientation, August 26 and 29, 2019. Students unable to attend those sessions will be required to participate in a make-up session later in the fall semester.

## APPLIED PRACTICE AND INTEGRATIVE LEARNING EXPERIENCE

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Each field of study in the MPH program requires 1) an Applied Practice Experience (APE) (“Practicum”), and 2) an Integrative Learning Experience (ILE) (previously referred to as a “Culminating Experience”), which are components of a practice course or seminar course for each field of study. All MPH students at accredited Schools of Public Health in the U.S. must complete these two degree requirements. The following guidelines may vary slightly by field of study.

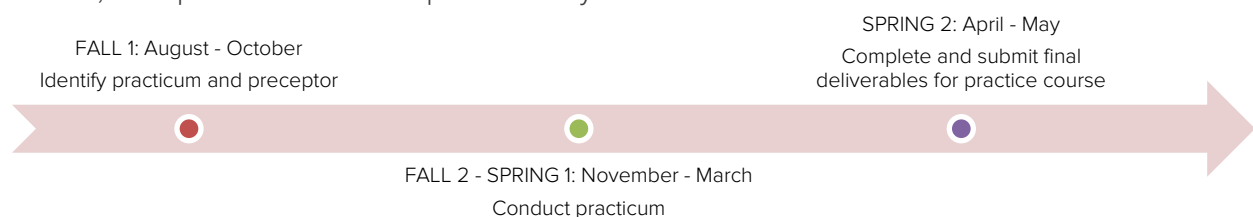
### APPLIED PRACTICE EXPERIENCE

All MPH-45 students complete a minimum of 120 hours toward their Applied Practice (AP) Experience, referred to as a “Practicum” or field placement. The Practicum is generally completed by working on a project under the guidance of a preceptor at an outside organization. The objectives of the Practicum are to help you integrate, synthesize, and apply the knowledge and competencies from your program coursework to a real world public health problem or issue; explore a substantive public health topic that is of interest to you; and enhance the skills needed to function in a professional public health setting.

Part-time students must arrange their Practicum timeframe and practice course enrollment with the approval of their practice course instructor.

### Timeline for Applied Practice Experience

Students in the **Global Health, Health Management, Health Policy, Health and Social Behavior, Occupational and Environmental Health, and Quantitative Methods** fields of study will complete a 120-hour Practicum during the academic year to meet the degree requirement. The majority of the Practicum work takes place between November and March, with presentations in April and May.



Students in the **Clinical Effectiveness and Epidemiology** fields of study should refer to their respective curriculum guides for Applied Practice Experience and Integrative Learning Experience information.

### Learning Agreement

Prior to starting a Practicum, students must complete a Learning Agreement which outlines the scope, deliverables, work plan, and timeframe for the project. After review by faculty, Learning Agreements are submitted through the CareerConnect web portal and electronically signed by the student, the preceptor, and the practice course instructor.

### **Applied Practice Experience Products**

Students will submit a minimum of two products that they produce during their Practicum to demonstrate a total of five competencies that are defined by each field of study. The list of competencies will include three foundational competencies and two field of study-specific competencies.

### **Resources for Identifying a Practicum**

Practica and abstracts from previous years: [hsph.me/mph-prior-practice](https://hsph.harvard.edu/hsph-me/mph-prior-practice)

CareerConnect: <https://hsph-harvard-csm.symplicity.com/students>

### **INTEGRATIVE LEARNING EXPERIENCE**

The Integrative Learning Experience (ILE), previously referred to as the “Culminating Experience”, includes self-assessment, critical reflection on students’ professional growth, and demonstration of attainment of the MPH Foundational Competencies and specific field of study competencies. These competencies, listed online ([hsph.me/mph-competencies](https://hsph.harvard.edu/hsph-me/mph-competencies)), are achieved through successful coursework, field practice, extracurricular activities, and other learning opportunities that students identify independently.

All students complete a baseline and endpoint survey to self-assess their MPH competencies.

A reflection paper, presentation, class-based activity, and/or other assignments are determined by each field of study to demonstrate a competency-based integrative learning experience.

### **For More Details**

**Field Practice website:** [hsph.me/field-practice](https://hsph.harvard.edu/hsph-me/field-practice)

**MPH Field Practice Office email:** [mph-practice@hsph.harvard.edu](mailto:mph-practice@hsph.harvard.edu)

## FIELD OF STUDY CURRICULA

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### NAVIGATING YOUR FIELD OF STUDY

The following sections provide more detailed information for each field of study, including an **overview**, field of study **competencies**, and the field of study **curriculum** that is designed to help students achieve those competencies. A **sample schedule** is also provided.

A portion of the MPH-OEP Office website ([hsph.me/mph-online-curriculum-guide](https://hsph.me/mph-online-curriculum-guide)) is designed to supplement the MPH Curriculum Guide and provides students with additional details on **required**, **recommended**, and/or suggested **elective** courses for some fields of study. Students are encouraged to carefully review the field of study requirements and consult with their faculty advisor to choose elective courses best suited to their needs.

### ADVISING

Assignment of academic advisors is guided by the student's interests. Students may request a change of advisor once the term begins and should contact the MPH-OEP Office with any advising concerns. The MPH-OEP Office is a good resource for questions regarding the MPH public health core curriculum and graduation. Faculty advisors, field of study leaders, departmental faculty with particular areas of expertise, and academic administrators can all serve as advisors in unofficial capacities too. For more resources on planning your program, visit [hsph.me/navigating-your-field-of-study](https://hsph.me/navigating-your-field-of-study).

### INTERDISCIPLINARY CONCENTRATIONS

To learn more, visit [hsph.me/interdisciplinary-concentrations](https://hsph.me/interdisciplinary-concentrations).

### TRACKING YOUR DEGREE PROGRESS

The MPH-OEP Office offers degree audit tracking sheets for each field of study ([hsph.me/mph-degree-tracking](https://hsph.me/mph-degree-tracking)).

### GRADUATION

Completion of the MPH public health core curriculum and field of study requirements for the MPH degree is monitored by the MPH-OEP Office. It is the student's responsibility to proactively reach out to the MPH-OEP Office, field of study leader, and/or academic administrator(s) if any concerns arise.

## FIELD OF STUDY: GLOBAL HEALTH

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### CURRICULUM OVERVIEW

The **Global Health (GH) field of study** is intended to prepare health professionals with prior relevant global health experience for leadership and management roles in global health at subnational, national, or international levels. Students learn from the required MPH public health core curriculum as well as required courses in global health challenges and strategies, economic and political analysis, and ethics. While “global” is understood to include environments of all types, including highly developed economies, the primary focus of courses included in this curriculum is on lower- and middle-income countries. Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience (previously Practice and Culminating Experience).

Students are encouraged to develop specific strengths by focusing some of their elective coursework within the Department of Global Health and Population in an area of expertise, such as Global Health Systems; Humanitarian Studies, Ethics, and Human Rights; Population and Family Health; Demography; or by developing their own area of choice. Additional elective credits may be taken at the Harvard Chan School or by cross-registering.

### COMPETENCIES

- Evaluate and apply qualitative and quantitative research methods for analyzing a wide variety of global health challenges and settings
- Design and evaluate global health interventions under different circumstances with different objectives, including their relationship with health system reform
- Develop public health policies to reflect technical, normative, and political considerations
- Design communication and implementation strategies, including leadership capacities for influencing public health action
- Describe various ethical perspectives for understanding the values and consequences of public health policies and decisions; and analyze the ethical dimensions of public health problems, policies, and systems according to these perspectives

### MPH-45 in Global Health



## MPH-45 in Global Health

### CURRICULUM REQUIREMENTS

Course Number	Title	Credits	Semester
<b>MPH PUBLIC HEALTH CORE CURRICULUM (13.75 credits)</b>			
To learn more about the MPH public health core curriculum, see pp. 6-7.			
<b>Fall (13.75 credits)</b>			
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5	Fall
MPH 100a-e	MPH Core Short Course Sequence	6.25	Fall
<b>FIELD OF STUDY REQUIREMENTS (17.5 credits)</b>			
<b>Fall (8.75 credits)</b>			
GHP 230	Introduction to Economics with Applications to Health and Development	2.5	Fall 1
GHP 557	Fundamentals of Global Health	5.0	Fall
GHP 945A	Practice and Culminating Experience for GH	1.25	Fall
<b>Spring (1.25 credits)</b>			
GHP 945B	Practice and Culminating Experience for GH	1.25	Spring
<b>Additional GH Requirements (7.5 credits)</b>			
<b>Ethics in Global Health Practice:</b> Choose <b>one</b> of the approved courses below.			
GHP 265	Ethics of Global Health Research	2.5	Spring 2
GHP 293	Individual and Social Responsibility for Health		Fall 2
ID 250	Ethical Basis of the Practice of Public Health		Fall 1
<b>GHP Coursework:</b> Complete 5.0 credits offered by the Dept. of Global Health and Population.			
Varies	Students must complete an additional 5 credits of GHP coursework beyond the field of study requirements. Students are encouraged to develop specific strengths by focusing some of their GHP coursework either via <i>interdisciplinary concentrations</i> or via a sequence of courses in a particular theme such as Global Health Systems; Humanitarian Studies, Ethics, and Human Rights; or Population and Family Health. Please contact the GHP Education Office, <a href="mailto:aconary@hsph.harvard.edu">aconary@hsph.harvard.edu</a> , for the list of approved course options.	5.0	Fall &/or Spring
<b>ELECTIVES (13.75 credits)</b>			
To view a sample list of cross-registration electives, visit <a href="https://hsph.me/mps-suggested-cross-reg-electives">hsph.me/mps-suggested-cross-reg-electives</a>			

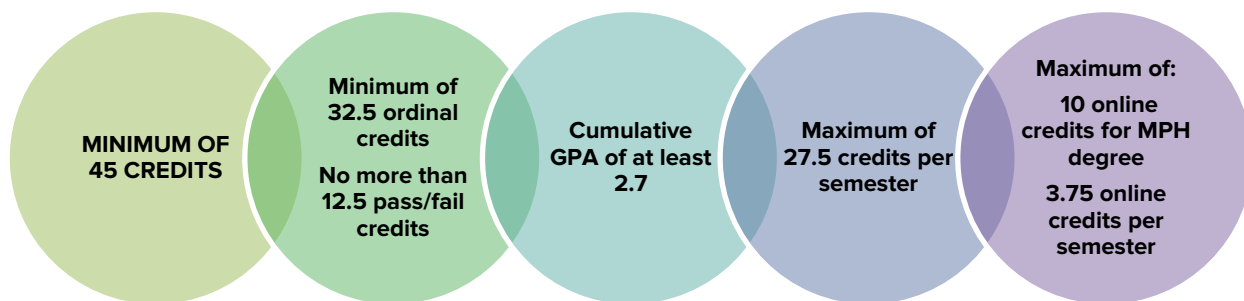
**TOTAL 45 CREDITS**

### Notes for Students

In circumstances where a field of study requirement is waived by the field of study leaders, students must still complete a minimum of 17.5 credits within the Department of Global Health and Population.

All full-time MPH students are expected to participate in a Winter Session activity that furthers their educational goals and is approved by the MPH-OEP Office. To learn more, visit [hsph.me/mpw-winter-session](https://hsph.me/mpw-winter-session).

### Important Program Reminders



### Sample Curriculum for MPH-45 in GH (45 credits taken over one academic year)

FALL			WINTER	SPRING		
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5cr	GH Travel Course (possibly) 2.5cr	Varies	Ethics in Global Health Practice Requirement	2.5cr
MPH 100a-e	MPH Core Short Course Sequence	6.25cr		Varies	Additional GHP Coursework Requirement	5.0cr
GHP 230	Introduction to Economics with Applications to Health and Development	2.5cr		GHP 945B	Practice and Culminating Experience for GH	1.25cr
GHP 557	Fundamentals of Global Health	5.0cr		Work on Practicum		
GHP 945A	Practice and Culminating Experience for GH	1.25cr				
Electives		2.5cr				8.75cr
TOTAL CREDITS	25 credits					20 credits (includes Winter Session)

END OF PROGRAM = 45 credits

## FIELD OF STUDY: HEALTH MANAGEMENT

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### CURRICULUM OVERVIEW

The **Health Management (HM) field of study** prepares students for management careers in the unique environment of health care. The curriculum for the health management field of study consists of the required MPH public health core curriculum as well as required coursework to develop competency in financial literacy, strategic acumen, innovative thinking, and change leadership. Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience (previously Practice and Culminating Experience). Students have some credits available for elective courses, which may be taken at the Harvard Chan School or by cross-registering.

### COMPETENCIES

- Analyze and explain financial and accounting information
- Evaluate budgets and make sound short- and long-term investment decisions within a health care environment
- Synthesize implications and insights and draw conclusions regarding economic, demographic, ethno-cultural, political, legal, and regulatory trends
- Integrate deep understanding of community and stakeholder needs, recognize resulting business opportunities and develop creative solutions and operational plans to address those unmet needs
- Critically evaluate organizational structures, culture, processes, and performance to initiate and sustain meaningful organizational change

### MPH-45 in Health Management





## MPH-45 in Health Management

### CURRICULUM REQUIREMENTS

Course Number	Title	Credits	Semester
<b>MPH PUBLIC HEALTH CORE CURRICULUM (13.75 credits)</b>			
To learn more about the MPH public health core curriculum, see pp. 6-7.			
<b>Fall (13.75 credits)</b>			
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5	Fall
MPH 100a-e	MPH Core Short Course Sequence	6.25	Fall
<b>FIELD OF STUDY REQUIREMENTS (17.5 credits)</b>			
<b>Fall (11.25 credits)</b>			
HPM 219	Financial Transactions and Analysis	2.5	Fall 1
HPM 220	Financial Management and Control	2.5	Fall 2
HPM 539	Health Care Organizations and Organizational Behavior	2.5	Fall 2
<b>Innovation:</b> Choose <u>one</u> of the approved courses below.			
HPM 282	Innovative Problem Solving and Design Thinking in HC	2.5	Fall 1
HPM 557	Innovation and Entrepreneurship in Health Care		Fall 2
HPM 946A	Practice and Culminating Experience for HM	1.25	Fall
<b>Spring (1.25 credits)</b>			
HPM 946B	Practice and Culminating Experience for HM	1.25	Spring
<b>Additional HM Requirements (5.0 credits)</b>			
<b>Strategy:</b> Choose <u>one</u> of the approved courses below.			
DRPH 270	Strategic Management in Global Settings	2.5	Fall 1
HPM 231	Healthcare Organizations and Strategy		Spring 2
<b>Operations/Process Improvement:</b> Choose <u>one</u> of the approved courses below.			
HPM 232	Operations Management in Service Delivery Organizations	2.5	Spring 2
HPM 268	Methods and Tools for Quality Improvement		Fall 2
<b>ELECTIVES (13.75 credits)</b>			
To view a list of electives that be may of interest, visit <a href="https://hsph.me/mph-field-of-study-health-management">hsph.me/mph-field-of-study-health-management</a>			

**TOTAL 45 CREDITS**

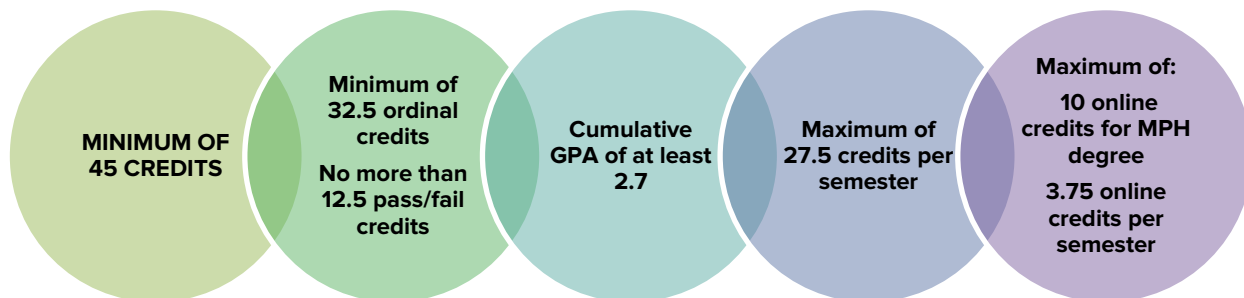
### Notes for Students

All full-time MPH students are expected to participate in a Winter Session activity that furthers their educational goals and is approved by the MPH-OEP Office. To learn more, visit [hsph.me/mph-winter-session](https://hsph.me/mph-winter-session).

For HM student resources, visit the MPH-OEP Office's MPH Students webpage ([hsph.me/mph-oed](https://hsph.me/mph-oed)) and the Department of Health Policy and Management's Resources for New MPH Students webpage ([hsph.me/hpm-student-resources](https://hsph.me/hpm-student-resources)).

For information about waiving or substituting an HM field of study requirement, visit [hsph.me/hpm-waiver-subs](https://hsph.me/hpm-waiver-subs).

## Important Program Reminders



## Sample Curriculum for MPH-45 in HM (45 credits taken over one academic year)

FALL			WINTER	SPRING		
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5cr	Work on Practicum	Varies	Strategy Requirement	2.5cr
MPH 100a-e	MPH Core Short Course Sequence	6.25cr		Varies	Operations/ Process Improvement Requirement	2.5cr
HPM 219	Financial Transactions and Analysis	2.5cr		HPM 946B	Practice and Culminating Experience for HM	1.25cr
HPM 220	Financial Management and Control	2.5cr		Work on Practicum		
HPM 539	Health Care Organizations and Organizational Behavior	2.5cr				
Varies	Innovation Requirement	2.5cr				
HPM 946A	Practice and Culminating Experience for HM	1.25cr				
Electives						
TOTAL CREDITS	25 credits					20 credits (includes Winter Session)

END OF PROGRAM = 45 credits

## FIELD OF STUDY: HEALTH POLICY

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### CURRICULUM OVERVIEW

The **Health Policy (HP) field of study** prepares students to apply economic, legal, and political analysis to the design, implementation, and evaluation of health care and public health policies in the United States or other countries with high-income economies. The curriculum for the health policy field of study consists of the required MPH public health core curriculum as well as required courses in economics, U.S. health policy, political analysis and strategy, and analytical methods. Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience (previously Practice and Culminating Experience). Students have some credits available for elective courses, which may be taken at the Harvard Chan School or by cross-registering.

### COMPETENCIES

- Assess how the structure, organization, and financing of the U.S. health care system affect system performance in terms of effectiveness, efficiency, and equity of health care delivery and health
- Evaluate policy options to address health policy challenges facing the U.S., including economic and political implications
- Recommend a course of action for addressing a health policy challenge, including the likely effect on efficiency, quality, effectiveness, costs, and equity
- Design an effective political strategy to achieve a desired health policy outcome
- Prepare professional quality health policy memos, reports, and presentations that are informed by skillful use of evidence and are appropriate to their purpose and audience

### MPH-45 in Health Policy



## MPH-45 in Health Policy

### CURRICULUM REQUIREMENTS

Course Number	Title	Credits	Semester
<b>MPH PUBLIC HEALTH CORE CURRICULUM (13.75 credits)</b>			
To learn more about the MPH public health core curriculum, see pp. 6-7.			
<b>Fall (13.75 credits)</b>			
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5	Fall
MPH 100a-e	MPH Core Short Course Sequence	6.25	Fall
<b>FIELD OF STUDY REQUIREMENTS (20 credits)</b>			
<b>Fall (8.75 credits)</b>			
HPM 206	Economic Analysis	5.0	Fall
HPM 210	United States Health Policy	2.5	Fall 1
HPM 945A	Practice and Culminating Experience for HP	1.25	Fall
<b>Spring (6.25 credits)</b>			
HPM 247	Political Analysis and Strategy for U.S. Health Policy	5.0	Spring
HPM 945B	Practice and Culminating Experience for HP	1.25	Spring
<b>Additional HP Requirements (5.0 credits)</b>			
<b>Policy Perspectives:</b> Choose <b>one</b> course from the list of approved options below.			
HPM 211	The Health Care Safety Net and Vulnerable Populations		Fall 2
HPM 213	Public Health Law		Spring 2
HPM 502	Federal Public Policy and Population Health		Spring 1
HPM 505	Health Care Delivery Reform in the US	2.5	Spring 1
HPM 520	Organizing Consumer and Community Interests		Fall 2
HPM 545	Economics of Health Care: Public vs. Market Resolutions		Spring 2
ID 240	Principles of Injury Control		Spring 1
<b>Analytical Methods:</b> Take a <i>minimum of 2.5 credits</i> from the list of approved options below.			
<i>Top Two Choices for HP Students:</i>			
HPM 543	Quantitative Methods in Program Evaluation	2.5	Spring 2
RDS 280	Decision Analysis for Health and Medical Practices	2.5	Fall 2
Varies	Any RDS course (examples: RDS 202, 280, 282, 284, 285)	2.5-5.0	Varies
Varies	Any Harvard Chan intermediate or advanced BIO or EPI course (beyond ID 201, BST 201, or EPI 201/202)	2.5-5.0	Varies
DRPH 200	Introduction to Qualitative Methods in Health Research	2.5	Fall 1
GHP 504	Introduction to Qualitative Research for Global Health	2.5	Spring 1
GHP 525	Econometrics for Health Policy	5.0	Fall
GHP 537	Field Methods in Humanitarian Crises I	1.25	Spring 1
HPM 285	Applied Survey Research for HPM	2.5	Spring 2
HPM 559	Intro. to Qualitative Research Methods for Public Health	2.5	Fall (ONLINE)
SBS 281	Principles of Social and Behavioral Research	2.5	Fall 2
SBS 501	Community-Based Participatory Research	2.5	Spring 2

## ELECTIVES (11.25 credits)

To view a list of electives that may be of interest, visit [hsph.me/mph-field-of-study-health-policy](https://hsph.me/mph-field-of-study-health-policy)

**TOTAL 45 CREDITS**

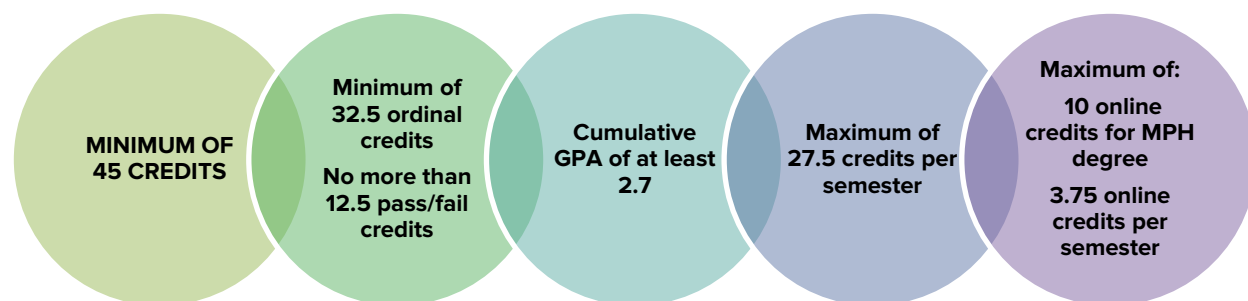
### Notes for Students

All full-time MPH students are expected to participate in a Winter Session activity that furthers their educational goals and is approved by the MPH-OEP Office. To learn more, visit [hsph.me/mph-winter-session](https://hsph.me/mph-winter-session).

For HP student resources, visit the MPH-OEP Office's MPH Students webpage ([hsph.me/mph-oed](https://hsph.me/mph-oed)) and the Department of Health Policy and Management's Resources for New MPH Students webpage ([hsph.me/hpm-student-resources](https://hsph.me/hpm-student-resources)).

For information about waiving or substituting an HP field of study requirement, visit [hsph.me/hpm-waiver-subs](https://hsph.me/hpm-waiver-subs).

### Important Program Reminders



### Sample Curriculum for MPH-45 in HP (45 credits taken over one academic year)

FALL			WINTER	SPRING		
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5cr	Work on Practicum	HPM 247	Political Analysis and Strategy for U.S. Health Policy	5.0cr
MPH 100a-e	MPH Core Short Course Sequence	6.25cr		Varies	Analytical Methods <b>or</b> Policy Perspectives Req.	2.5cr
HPM 206	Economic Analysis	5.0cr		HPM 945B	Practice and Culminating Experience for HP	1.25cr
HPM 210	United States Health Policy	2.5cr		Work on Practicum		
Varies	Analytical Methods <b>or</b> Policy Perspectives Req.	2.5cr				
HPM 945A	Practice and Culminating Experience for HP	1.25cr				
Electives						11.25cr
TOTAL CREDITS	25 credits					20 credits (includes Winter Session)

END OF PROGRAM = 45 credits

## FIELD OF STUDY: HEALTH AND SOCIAL BEHAVIOR

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### CURRICULUM OVERVIEW

The **Health and Social Behavior (HSB) field of study** is devoted to understanding health disparities and promoting health. The curriculum for the health and social behavior field of study consists of the required MPH public health core curriculum as well as required field of study-specific courses. All students must take a survey course in society and health, three other specific SBS courses that apply these principles to understanding and intervening on the health of populations, and complete additional required coursework in the Department of Social and Behavioral Sciences. Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience (previously Practice and Culminating Experience). Students have some credits available for elective courses, which may be taken at the Harvard Chan School or by cross-registering.

### COMPETENCIES

- Evaluate behavioral and social theories and conceptual paradigms in the design of basic and applied inquiries in social and behavioral sciences
- Formulate social and behavioral change interventions based on these theories that are appropriate and responsive to the social and cultural context
- Critically appraise principles of research, evaluation, and public health monitoring/surveillance methodology, including quantitative and qualitative methods, to address research hypotheses using a range of research designs
- Describe and apply rigorous, theory-based approaches to research translation for practice, policy, and public health settings
- Recognize the principles of social inclusion, diversity, social justice, and ethics in research and interventions

### MPH-45 in Health and Social Behavior



## MPH-45 in Health and Social Behavior

### CURRICULUM REQUIREMENTS

Course Number	Title	Credits	Semester
<b>MPH PUBLIC HEALTH CORE CURRICULUM (13.75 credits)</b>			
To learn more about the MPH public health core curriculum, see pp. 6-7.			
<b>Fall (13.75 credits)</b>			
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5	Fall
MPH 100a-e	MPH Core Short Course Sequence	6.25	Fall
<b>FIELD OF STUDY REQUIREMENTS (20 credits)</b>			
All courses <i>must</i> be taken for an ordinal grade unless otherwise noted.			
<b>Fall (6.25 credits)</b>			
SBS 201	Society and Health	2.5	Fall 1
SBS 281	Principles of Social and Behavioral Research	2.5	Fall 2
SBS 945A	Practice and Culminating Experience for HSB	1.25	Fall
<b>Spring (6.25 credits)</b>			
SBS 203	Program Planning	2.5	Spring 1
SBS 508	Successes and Challenges in Health Behavior Change	2.5	Spring 2
SBS 945B	Practice and Culminating Experience for HSB	1.25	Spring
<b>Additional HSB Requirements (7.5 credits)</b>			
<b>SBS Coursework:</b> Complete 7.5 credits offered by the Dept. of Social and Behavioral Sciences.			
Varies	Students must complete an additional 7.5 credits of SBS coursework beyond the field of study requirements. To view the full list of SBS course offerings, visit <a href="https://hsph.me/sbs-courses-by-topic">hsph.me/sbs-courses-by-topic</a>  Note: 5.0 of the required 7.5 credits <b>must</b> be taken for an ordinal grade. <b>An independent study (e.g., SBS 300) does not count towards this requirement.</b>	7.5	Fall &/or Spring
<b>ELECTIVES (11.25 credits)</b>			
To view a sample list of cross-registration electives, visit <a href="https://hsph.me/mps-suggested-cross-reg-electives">hsph.me/mps-suggested-cross-reg-electives</a>			

**TOTAL 45 CREDITS**

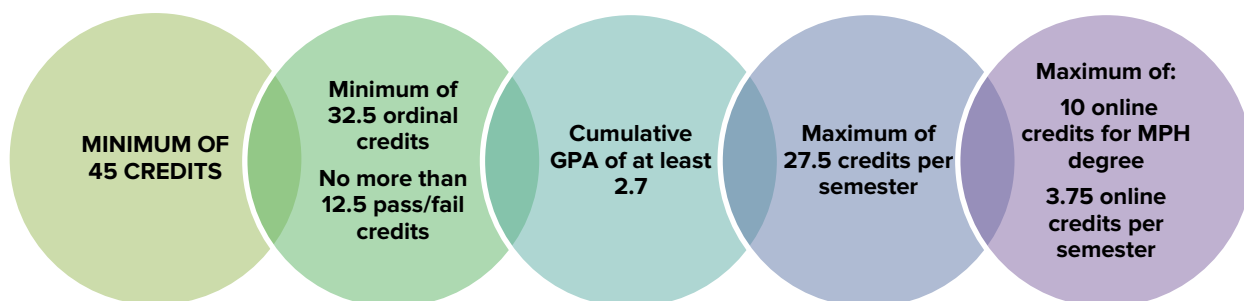
### Notes for Students

All full-time MPH students are expected to participate in a Winter Session activity that furthers their educational goals and is approved by the MPH-OEP Office. To learn more, visit [hsph.me/mps-winter-session](https://hsph.me/mps-winter-session).

## Maternal and Child Health Interdisciplinary Concentration

Students who received any funding through the Maternal and Child Health (MCH) training grant **must** meet with Bethany Kotlar, [bkotlar@hsph.harvard.edu](mailto:bkotlar@hsph.harvard.edu), at the beginning of the fall semester to ensure they meet the training grant requirements. Students interested in the *MCH interdisciplinary concentration*, who did not receive any funding, are also welcome to reach out to Bethany about participating in the concentration and its requirements.

### Important Program Reminders



### Sample Curriculum for MPH-45 in HSB (45 credits taken over one academic year)

FALL			WINTER	SPRING		
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5cr	Work on Practicum	SBS 203	Program Planning	2.5cr
MPH 100a-e	MPH Core Short Course Sequence	6.25cr		SBS 508	Success and Challenges in Health Behavior Change	2.5cr
SBS 201	Society and Health	2.5cr		Varies	Additional SBS Coursework Requirement	7.5cr
SBS 281	Principles of Social and Behavioral Research	2.5cr		SBS 945B	Practice and Culminating Experience for HSB	1.25cr
SBS 945A	Practice and Culminating Experience for HSB	1.25cr		Work on Practicum		
Electives		2.5cr				8.75cr
TOTAL CREDITS	22.5 credits					22.5 credits (includes Winter Session)

END OF PROGRAM = 45 credits



## FIELD OF STUDY: OCCUPATIONAL AND ENVIRONMENTAL HEALTH

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### CURRICULUM OVERVIEW

The **Occupational and Environmental Health (OEH) field of study** focuses on workplace and environmental hazards, the physiological and biomechanical aspects of work, the risks posed by the interaction of genetic and environmental factors, and a practical approach to solving health problems in various work and community settings. The curriculum for the occupational and environmental health field of study consists of the required MPH public health core curriculum as well as required courses in occupational/environmental health. MPH students in the Occupational and Environmental Medicine Residency (OEMR) must also consult the residency's requirements ([hsph.me/oemr](https://hsph.me/oemr)). Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience (previously Practice and Culminating Experience). Students have some credits available for elective courses, which may be taken at the Harvard Chan School or by cross-registering.

### COMPETENCIES

- Acquire an accurate and relevant history, including occupational history related to workplace or environmental exposures; and begin formulation of the differential diagnosis
- Identify potential population health effects from exposure to chemical, physical, and biological hazards, and describe individual factors that impact susceptibility to adverse health effects from environmental exposures
- Assess environmental and occupational health issues using core principles of industrial hygiene, ergonomics, occupational safety, and risk/hazard control and communication (e.g., recognition of regulatory standards and guidelines)
- Identify and evaluate workplace and environmental causes of injury or illness and recommend controls or programs to reduce exposure, and to enhance the health and productivity of workers under minimal supervision
- Apply the principles of toxicology, epidemiology, and risk analysis to public policy and the actions of regulatory agencies

### MPH-45 in Occupational and Environmental Health



## MPH-45 in Occupational and Environmental Health

### CURRICULUM REQUIREMENTS

Course Number	Title	Credits	Semester
<b>MPH PUBLIC HEALTH CORE CURRICULUM (13.75 credits)</b>			
To learn more about the MPH public health core curriculum, see pp. 6-7.			
<b>Fall (13.75 credits)</b>			
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5	Fall
MPH 100a-e	MPH Core Short Course Sequence	6.25	Fall
<b>FIELD OF STUDY REQUIREMENTS (TBD credits)</b>			
<b>Fall (5.0 – 7.5 credits)</b>			
EH 504	Principles of Toxicology (Physicians can take this course for 2.5 credits)	2.5 – 5.0	Fall
EH 510	Fundamentals of Human Environmental Exposure Assessment	2.5	Fall 2
<b>Spring (TBD credits)</b>			
EH 231	Occupational Health Policy and Administration	2.5	Spring
EH 232	Introduction to Occupational and Environmental Medicine	2.5	Spring
EH 236	Epidemiology of Environmental and Occupational Health Regulations	5.0	Spring
EH 241	Occupational Safety and Injury Prevention	TBD	Spring
ID 263	Practice of Occupational Health	5.0	Spring
EH 945S	Practice and Culminating Experience for OEH	2.5	Spring
<b>ELECTIVES (TBD credits)</b>			
To view a sample list of cross-registration electives, visit <a href="https://hsph.me/mps-suggested-cross-reg-electives">hsph.me/mps-suggested-cross-reg-electives</a>			

**TOTAL 45 CREDITS**

### Notes for Students

All full-time MPH students are expected to participate in a Winter Session activity that furthers their educational goals and is approved by the MPH-OEP Office. To learn more, visit [hsph.me/mps-winter-session](https://hsph.me/mps-winter-session).

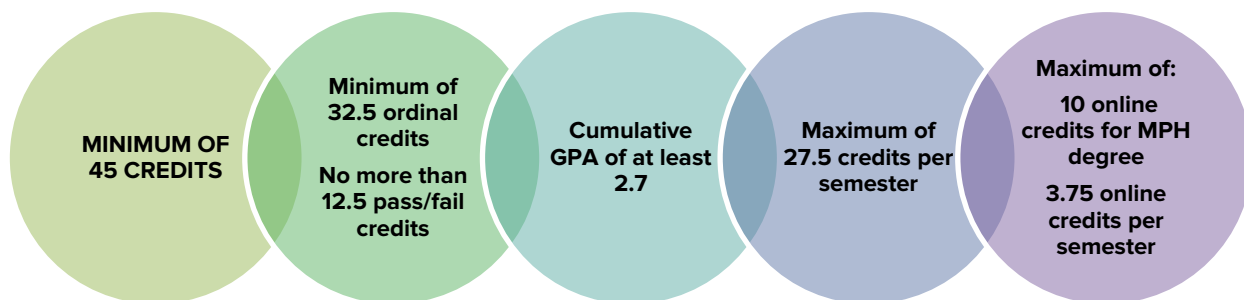
## Occupational and Environmental Medicine Residency (OEMR)

MPH students in the Occupational and Environmental Medicine Residency must take ID 201, EH 232, and ID 263 for an **ordinal** grade.

## Harvard-National Institute for Occupational Safety and Health (NIOSH) Training Grant

MPH students who are Harvard-NIOSH Education and Research Center training grant awardees must take HPM 548, *Responsible Conduct of Research*, (for credit or audited) as part of their field of study requirements.

### Important Program Reminders



### Sample Curriculum for MPH-45 in OEH (OEMR student) (45 credits taken over one academic year)

FALL			WINTER	SPRING		
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5cr	Work on Practicum	EH 231	Occupational Health Policy and Administration	2.5cr
MPH 100a-e	MPH Core Short Course Sequence	6.25cr		EH 232	Intro. to Occupational and Enviro. Medicine	2.5cr
EH 504	Principles of Toxicology	2.5cr		EH 236	Epidemiology of Enviro. and Occupational Health Regulations	5.0cr
EH 510	Fundamentals of Human Enviro. Exposure Assessment	2.5cr		EH 241	Occupational Safety and Injury Prevention	TBDcr
				ID 263	Practice of Occupational Health	5.0cr
				EH 945S	Practice and Culminating Experience for OEH	2.5cr
				Work on Practicum		
Electives		3.75cr				TBDcr
TOTAL CREDITS	22.5 credits					22.5 credits (includes Winter Session)

END OF PROGRAM = 45 credits

## FIELD OF STUDY: QUANTITATIVE METHODS

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### CURRICULUM OVERVIEW

The **Quantitative Methods (QM) field of study** provides students with the necessary quantitative and analytical skills to approach and solve problems in public health and clinical research and practice. The curriculum for the quantitative methods field of study consists of the required MPH public health core curriculum as well as introductory and intermediate courses in epidemiology and biostatistics. Students also take more advanced coursework in relevant quantitative areas such as epidemiology, biostatistics, demography, econometrics, quality improvement, and decision sciences. Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience (previously Practice and Culminating Experience) and an additional practice-based course in an area such as survey research, clinical trials, meta-analysis, decision sciences, or other relevant quantitative area. Students have some credits available for elective courses, which may be taken at the Harvard Chan School or by cross-registering.

### COMPETENCIES

- Evaluate the effectiveness of public health and clinical interventions using epidemiologic and statistical methods, including crude, stratified and standardized analyses, and regression methods
- Critically evaluate the results of observational and experimental research studies relevant to public health research and practice
- Calculate and interpret measures of health and disease status encountered in epidemiologic research, health services research, comparative effectiveness research, and public health practice
- Design and conduct valid and efficient epidemiologic investigations, including cohort and case-control studies, relevant to public health and clinical applications
- Apply appropriate biostatistical methods using software packages (e.g., STATA, SAS, or R) to perform and interpret crude and adjusted analyses of data

### MPH-45 in Quantitative Methods



## MPH-45 in Quantitative Methods

### CURRICULUM REQUIREMENTS

Course Number	Title	Credits	Semester
<b>MPH PUBLIC HEALTH CORE CURRICULUM (16.25 credits)</b>			
To learn more about the MPH public health core curriculum, see pp. 6-7.			
<b>Fall (16.25 credits)</b>			
BST 201	Introduction to Statistical Methods	5.0	Fall
EPI 201 & EPI 202	Introduction to Epidemiology: Methods I Epidemiologic Methods II: Elements of Epidemiologic Research	2.5 2.5	Fall 1 Fall 2
MPH 100a-e	MPH Core Short Course Sequence	6.25	Fall
<b>FIELD OF STUDY REQUIREMENTS (15 credits)</b>			
<b>Regression (5.0 credits)</b>			
Choose <u>one</u> of the approved courses below. Other options may be approved by the field of study leader.			
BST 210 BST 213	Applied Regression Analysis Applied Regression for Clinical Research	5.0	Fall or Spring Fall
<b>Upper Level QM Coursework (5.0 credits)</b>			
Varies	Take 5 credits (beyond the field of study requirements) of intermediate or advanced courses in EPI, BST, demography, decision sciences (RDS), or other approved quantitative sciences.	5.0	Fall &/or Spring
<b>Applied Practice Experience and Integrative Learning Experience (2.5 credits)</b>			
ID 945A	Practice and Culminating Experience for QM	1.25	Fall
ID 945B	Practice and Culminating Experience for QM	1.25	Spring
<b>Additional Spring Practice Course or Field of Study-Approved Research Project (2.5 credits)</b>			
Choose <u>one</u> of the approved courses below. Other options may be approved by the field of study leader.			
BST 212 BST 214 BST 217 BST 225 EPI 233 ID 240 RDS 282 RDS 285	Survey Research Methods in Community Health Principles of Clinical Trials Statistical and QM for Pharmaceutical Regulatory Science Intro. to Systematic Reviews and Meta-Analysis Methods Research Synthesis and Meta-Analysis Principles of Injury Control Economic Evaluation of Health Policy and Program Mgmt.* Decision Analysis Methods in Public Health and Medicine* *(Pre-req of RDS 280 or RDS 286)	2.5	Spring Spring 1 Spring 2 Summer 2 Spring Spring 1 Spring 2 Spring 1
ID 945C	Field of Study-Approved Research Project		Spring
<b>ELECTIVES (13.75 credits)</b>			
To view a sample list of cross-registration electives, visit <a href="https://hsph.me/mps-suggested-cross-reg-electives">hsph.me/mps-suggested-cross-reg-electives</a>			

**TOTAL 45 CREDITS**

## Notes for Students

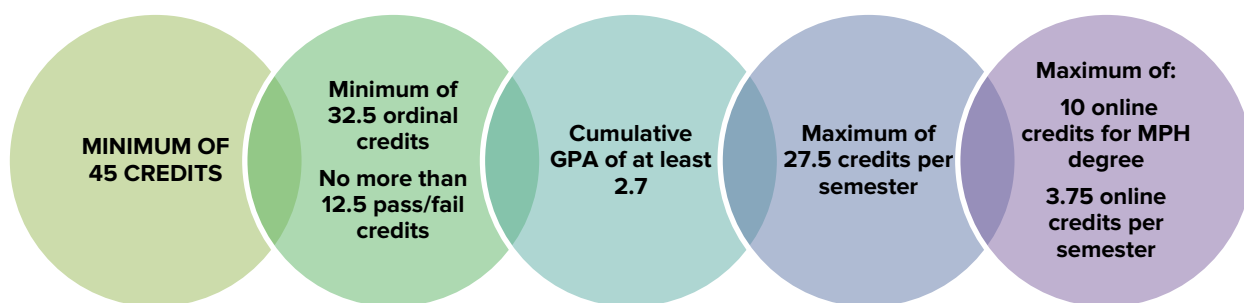
All full-time MPH students are expected to participate in a Winter Session activity that furthers their educational goals and is approved by the MPH-OEP Office. To learn more, visit [hsph.me/mpw-winter-session](https://hsph.me/mpw-winter-session).

QM students who start in summer may take BST 202, BST 203, EPI 500, and EPI 202S to fulfill their biostatistics and epidemiology core requirements in lieu of BST 201, EPI 201, and EPI 202 in fall.

QM students who have completed the Program in Clinical Effectiveness (PCE) may use BST 206, BST 207 or BST 208, and EPI 208 to fulfill their biostatistics and epidemiology core requirements in lieu of BST 201 and EPI 201 in fall. However, they must still take EPI 202 in summer or fall.

QM students with appropriate prior statistical training may take regression in fall instead of spring.

## Important Program Reminders



## Sample Curriculum for MPH-45 in QM (45 credits taken over one academic year)

FALL			WINTER	SPRING		
BST 201	Introduction to Statistical Methods	5.0cr	Work on Practicum	Varies	Regression Requirement	5.0cr
EPI 201	Introduction to Epidemiology: Methods I	2.5cr		Varies	Upper Level QM Course(s)	5.0cr
EPI 202	Epidemiologic Methods II: Elements of Epidemiologic Research	2.5cr		Varies	Additional Spring Practice Course	2.5cr
MPH 100a-e	MPH Core Short Course Sequence	6.25cr		ID 945B	Practice and Culminating Experience for QM	1.25cr
ID 945A	Practice and Culminating Experience for QM	1.25cr		Work on Practicum		
Electives		6.25cr				7.5cr
TOTAL CREDITS	23.75 credits		21.25 credits (includes Winter Session)			

## ONLINE COURSES AT THE HARVARD CHAN SCHOOL

Academic year (residential) MPH students may enroll in online courses offered by the Harvard Chan School on a space-available basis. The online courses listed below are part of the MPH in Epidemiology (MPH-EPI) online/on-campus program. Priority enrollment goes first to MPH-EPI students, then to summer-only students, and then to academic year (residential) students. Some online courses may not be available for academic year (residential) students; see course requirements/restrictions in [my.harvard](https://my.harvard.edu).

**Academic year (residential) MPH students** are limited to a maximum of **3.75 online credits in any semester** and a maximum of **10 online credits overall** out of the required 45 credits for the MPH degree.

### ONLINE COURSE OPTIONS

Course Number	Title	Credits
<b>Fall Options</b>		
EPI 526	Analysis of Publicly Available Databases for Epidemiologic and Health Services Research	2.5
EPI 527	Design and Conduct of Trials in Preventative Medicine	2.5
EPI 528	Systematic Review and Meta-Analysis	2.5
HPM 559	Introduction to Qualitative Research Methods for Public Health	2.5
<b>Spring Options</b>		
BST 215	Linear and Longitudinal Regression	2.5
EPI 288	Introduction to Data Mining and Risk Prediction	2.5
EPI 530	Introduction to Infectious Disease Modeling	1.25
HPM 506	Practical Scientific Methods for Improving Health and Health Care	2.5
RDS 202	Decision Science for Public Health	2.5