

2026–2027

MPH-45

Curriculum Guide

45-credit • On campus

Global Health

Health Management

Health Policy

Health and Social Behavior

Occupational and Environmental Health

Quantitative Methods

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While every effort has been made to ensure that the information contained in this guide is accurate at the time of publication (July 31, 2026) the Harvard T.H. Chan School of Public Health reserves the right to make changes, at any time, regarding the curriculum, degree requirements, course offerings, policies, or any other information contained herein. This version of the MPH-45 Curriculum Guide only pertains to students in the above fields of study matriculating in summer or fall 2026. Students in the Clinical Effectiveness, Epidemiology, and Generalist fields of study should refer to their respective curriculum guides.

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.

MPH Leadership and Administration — Office of Educational Programs

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MPH-45 Field of Study Leadership and Administration

Field of Study	Field of Study Leader	Academic Administrator(s)
Clinical Effectiveness (CLE)	Heather Baer hbaer@bwh.harvard.edu	Emily Davies and Nkwanz Sabiti mph@hsph.harvard.edu
Epidemiology (EPI) Online/On campus	Heather Baer hbaer@bwh.harvard.edu	Stephanie Lemoine slemoine@hsph.harvard.edu Ellie Meredith elliemeredith@hsph.harvard.edu
Generalist (GEN) (Online)	Bonnie Blanchfield bblanchfield@hsph.harvard.edu	Megan Kerin mkerin@hsph.harvard.edu
Global Health (GH)	Marcia Castro mcastro@hsph.harvard.edu Ole Norheim onorheim@hsph.harvard.edu	Allison Conary aconary@hsph.harvard.edu Barbara Heil bheil@hsph.harvard.edu
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Health Policy (HP)	Ben Sommers bsommers@hsph.harvard.edu	
Health & Social Behavior (HSB)	S. Bryn Austin saustin@hsph.harvard.edu	Alexis Gipson agipson@hsph.harvard.edu Whitney Waddell wwaddell@hsph.harvard.edu
Occupational & Environmental Health (OEH)	Stefanos Kales skales@hsph.harvard.edu	Alice Rugoletti arugoletti@hsph.harvard.edu
Quantitative Methods (QM)	Murray Mittleman mmittlem@hsph.harvard.edu	Emily Davies and Nkwanz Sabiti mph@hsph.harvard.edu

Essential Resources for Students

MPH Program Office, Office of Educational Programs (MPH-OEP)

hsph.me/mph-program-team • mph@hsph.harvard.edu • 617-432-0090

677 Huntington Avenue, Kresge G29, Boston, MA 02115

Signature for General Petitions and other forms	Emily Davies, Kresge G29, or mph@hsph.harvard.edu
MPH Public Health Core	Ying-Ju Lai, ylai@hsph.harvard.edu
ID 100 Waivers	ID100@hsph.harvard.edu
ID 201 Waivers	Waiver of Core Courses Form
Field of Study Waiver and Substitution Requests	MPH-OEP Office mph@hsph.harvard.edu , Field of Study Leader, and Academic Administrator(s)

Registrar's Office

hsph.me/registrar • registrar@hsph.harvard.edu • 617-432-1032

677 Huntington Avenue, Kresge G4 Suite, Boston, MA 02115

[Academic Calendar](#) [Harvard Course Catalog](#) [Student Handbook](#)

[Student Knowledge Center](#) — information about course enrollment, cross-registration, etc.

Office of Career and Professional Development

hsph.me/careers • careers@hsph.harvard.edu • Kresge G4 Suite

Office for Community and Belonging

hsph.me/ocb • ocb@hsph.harvard.edu • Kresge G4 Suite

Office of Financial Aid

hsph.me/fin-aid-office • financialaid@hsph.harvard.edu • Kresge G4 Suite

Office of Regulatory Affairs and Research Compliance

Visit hsph.me/hlc_irb for Institutional Review Board (IRB) guidance

Office for Student Affairs

[Student Gateway](#) • studentaffairs@hsph.harvard.edu • Kresge G4 Suite

[Housing Resources](#) [Student Support Services](#)

Office for Development and Alumni Relations

hsph.me/alumni-relations • alumni@hsph.harvard.edu • Kresge LL19

Degree Requirements and Program Policies

Degree Requirements

All MPH-45 students must fulfill the following requirements:

- **45 credits** minimum
 - Minimum of **32.5 ordinal credits**
 - No more than **12.5 pass/fail credits** (some required courses and all independent studies are P/F only)
- Successful completion of all courses required by students' fields 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:

- In the fall and spring semesters, full-time students can take a maximum of **27.5 credits**; part-time students can take a maximum of **14.75 credits**.
- Limited to a maximum of **3.75 credits of online elective courses** (see list on p. 36) **in any semester** with a maximum of **10 credits of online elective courses overall**
 - Some MPH core courses (ID 100, MPH 101, MPH 103, MPH 104, MPH 105) are online only or offer an online section for part-time students. Those do NOT count towards the online elective credit limits outlined above.
- 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. Winter Session credits count towards spring semester credit totals. Visit the [MPH-OEP's website](#) for more guidance.

Important Enrollment Policy for International Students

International students who are on a student visa must enroll in a minimum of 15 credits per fall and spring semester, including a minimum of 11.25 credits of in-person courses per semester. Students can determine whether a course is in-person or online by looking at "instruction mode" in the course listings in the [Harvard Course Catalog](#).

Academic Deadlines & Harvard Email

Students are responsible for knowing and meeting all deadlines and regularly reading their Harvard email. HSPH's academic calendar is posted on the [Registrar's Office website](#).

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 institution may petition to waive a requirement. (MPH 101, MPH 103, MPH 104, MPH 105 cannot be waived.) If a waiver is approved, no credits are earned for that course, and the student must still fulfill the 45-credit minimum requirement to graduate. [Visit the MPH-OEP Office's website](#) for more information.

To transfer non-degree credits earned at the Harvard Chan School, students must submit a [Non-Degree Credit Transfer Form](#). Students may petition to transfer a maximum of 20 non-degree Harvard Chan credits towards their degree program. These credits must have been completed within five years of matriculating in the degree program. To understand the financial implications of transferring non-degree credits into the degree program, visit the [Non-Degree Transfer Credits page](#) on the Student Billing website.

Field of Study Changes

Visit the [MPH-OEP's website](#) for information about changing your field of study.

Student Status (Full-, Part-, and Half-time)

For definitions of full-, part-, and half-time status, see the [Harvard Chan School Student Handbook](#). Adjusting your student status may affect your student health insurance, billing, graduation date, student loans, grants, scholarships, and/or student visa (if applicable). Therefore, students considering changing their student status may want to contact:

1. MPH-OEP Office – mph@hsph.harvard.edu
2. Registrar's Office – registrar@hsph.harvard.edu
3. Office of Financial Aid – financialaid@hsph.harvard.edu
4. Harvard International Office (Monica Chan) – monica_chan@harvard.edu

Harvard Chan Semester-Based System

Visit the [MPH-OEP website](#) for more information.

Enrolling in Only One Session and/or One Class in a Semester

Students taking only Fall 2 or Spring 2 courses must still enroll in those courses by the Fall 1 or Spring 1 add/drop deadlines, respectively, or otherwise risk being withdrawn from degree candidacy. If a student enrolls in only one course in a semester, the course must be in-person. Winter Session credits count toward the Spring Semester total credit count.

Leave of Absence

Students who are unable 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](#).

Billing and Enrollment

For questions about tuition or student billing, visit the [Student Billing website](#). To discuss your student status and implications for credit load minimums and maximums, contact the Registrar's Office (registrar@hsph.harvard.edu).

Full-time Students

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

Part-time Students

Part-time, MPH-45 students are required to complete the degree over no more than two years. Part-time students should prioritize required courses during their first year, except for their Applied Practice Experience and Integrative Learning Experience.

- 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) (monica_chan@harvard.edu) and with the [Registrar's Office](#).

Master of Public Health: Program Overview

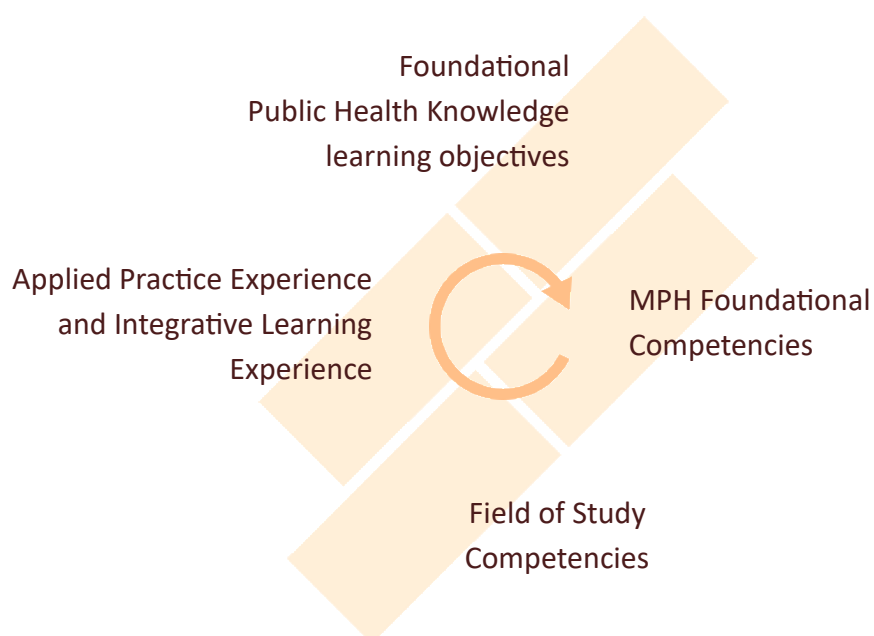
The MPH degree is the most widely recognized professional credential for leadership in public health. The MPH curriculum emphasizes active, student-directed learning, problem solving, and the acquisition of skills essential to the practice of public health. The program is organized around the Foundational 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 12 Foundational Public Health Knowledge learning objectives and 22 MPH Foundational Competencies required of all students receiving an MPH degree at accredited institutions.

The Foundational Public Health Knowledge learning objectives and the 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 Master of Public Health Core Curriculum



The MPH public health core curriculum is comprised of:

- **Biostatistics and Epidemiology Core** course(s);
- **ID 100: Foundations for Public Health**, a school-wide, pre-matriculation course that provides foundational public health knowledge;
- **MPH 101, MPH 103, MPH 104, MPH 105**, four courses that cover other foundational public health competencies.

Full-time MPH-45 students are expected to complete the MPH public health core curriculum by the end of the fall semester. Part-time MPH students are strongly encouraged to complete the MPH public health core curriculum during their first year to ensure early grounding in the foundational principles of public health. Additional offerings of MPH 101, MPH 103, and MPH 104 outside of the fall semester are available for part-time students (see [p. 12](#)).

MPH 101, MPH 103, MPH 104, and MPH 105 cannot be waived; however, students in some fields of study may be exempt from one of the core courses because the course competencies are covered by their field of study requirements.

Biostatistics and Epidemiology Core

Course Number	Title	Semester	Credits	Fields of Study
Option 1: Integrated Biostatistics and Epidemiology (7.5 credits) Students who have previously completed at least one semester of a graduate-level Biostatistics and/or Epidemiologic Methods course may submit a request to waive ID 201. If the student has taken only biostatistics or epidemiology, they will still have to complete coursework in the other subject. Click here for more details.				
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	Fall only	7.5	GH, HM, HP, HSB, OEH
Option 2: Advanced Biostatistics and Epidemiology (10 credits) The advanced biostatistics and epidemiology option outlined below is required for students in the Quantitative Methods field of study. With 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, in lieu of ID 201.				
BST 201	Introduction to Statistical Methods	Fall	5.0	Required: QM
EPI 201 & EPI 202	Introduction to Epidemiology: Methods I	Fall 1	2.5	Other FoS: Require instructor permission
	Epidemiologic Methods II: Elements of Epidemiologic Research	Fall 2	2.5	
Summer Start Option (10 credits)				
Summer-start QM students take BST 202 (Summer 1), BST 203 (Summer 2), EPI 500 (Summer 1), and EPI 202S (Summer 2)				

MPH Public Health Core

Course Number	Title	Semester	Credits
ID 100 Course Format/Notes: Asynchronous, self-paced, and online. Takes approx. 10–12 hours total. Students will gain access to course site on Canvas in summer and must complete all modules by 11:59PM, Sunday, August 23, 2026 . In Fall 1, students will formally enroll in ID 100 and receive one credit. No further work is required after August 23. Students who have a degree in public health from a CEPH-accredited institution may submit a request to waive ID 100. Click here for more details.			
ID 100	Foundations for Public Health	Summer into Fall 1	1.0 (Pass/Fail Only)
MPH 101 Course Format/Notes: Asynchronous, online, with set deadlines for each module. Takes approx. 8–10 hours total.			
MPH 101	Qualitative Methods for Public Health: A Brief Introduction	Fall 2	0.25 (Pass/Fail Only)

MPH 102 Health Systems is no longer a requirement. The course is temporarily canceled in AY 2026 – 2027.

MPH 103 and **MPH 104** each have three sections in the Fall Semester.

- **Full-time students are required to enroll in Section 1 or Section 2** (four weeks) and the accompanying lab section.
- While Sections 1 and 2 are only four weeks long, students should still comply with the drop/add/course change deadlines for Fall 1 and Fall 2.

MPH 105 has one section, is four weeks long, and is offered in Fall 2 only.

Course Number	Title	Semester	Credits
MPH 103	Leadership and Communication	Fall 2	1.25
Section 1 & Section 2 (Oct. 26 – Nov. 20) Four weeks; in-person on Mondays and Wednesdays; must be taken with the required lab section. Section 3 (Oct. 26 – Dec. 18) Eight weeks; asynchronous, online, with set deadlines for each module; available to part-time students only.			
MPH 104	Social, Behavioral, and Structural Determinants of Health	Fall 1	1.25
Section 1 & Section 2 (Sep. 28 – Oct. 23) Four weeks; in-person on Mondays and Wednesdays; must be taken with the required lab section. Section 3 (Aug. 31 – Oct. 23) Eight weeks; asynchronous, online, with set deadlines for each module; available to part-time students only. <i>Not required for HSB students</i>			
MPH 105	Public Health Policy and Politics	Fall 2	1.25
Nov. 23 – Dec. 18 Four weeks; live, online lectures on Zoom on Mondays and Wednesdays. <i>Not required for HP students.</i>			

Additional Options — MPH Public Health Core

Part-time MPH-45 students may also take **MPH 101**, **MPH 103**, **MPH 104** in Summer or Winter Session. In Summer and Winter, the courses are available in online format only.

Course Number	Title	Additional Semester(s) Offered	Credits
MPH 101	Qualitative Methods for Public Health: A Brief Introduction	Summer	0.25
MPH 103	Leadership and Communication	Summer Winter Session	1.25
MPH 104	Social, Behavioral, and Structural Determinants of Health	Summer Winter Session	1.25

Applied Practice Experience and Integrative Learning Experience

Each field of study in the MPH program requires 1) an **Applied Practice Experience (APE)** (“Practicum”), and 2) an **Integrative Learning Experience (ILE)**. 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.

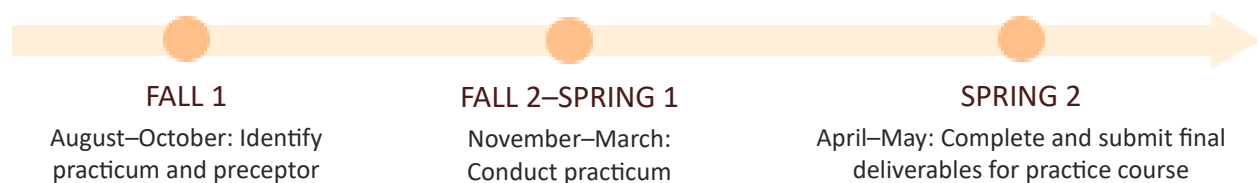
Applied Practice Experience

All MPH-45 students complete a minimum of 120 hours toward their Applied Practice Experience (APE), referred to as a “practicum.” Students complete their APE within a course that is specific to their field of study. The APE is generally completed by working on a project under the guidance of a preceptor at an outside organization. The APE is an opportunity to apply MPH competencies to a real-world public health problem or issue that is salient to a health care or public health organization and to produce work that is of value to the organization.

Part-time students must arrange their practicum timeframe and practice course enrollment with the approval of their practice course instructor. Part-time students are encouraged to meet with the Field Education and Practice Office (mph-practice@hsph.harvard.edu) early in their program to discuss proposed arrangements before finalizing their plans with 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 enroll in their APE course during the academic year and 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. It is the student's responsibility to identify their practicum project. Students are encouraged to meet individually with their practice course instructor early in their program to discuss their interests and initiate their practicum search.



Students in the **Clinical Effectiveness, Epidemiology, and Generalist** fields of study should refer to their respective curriculum guides for Applied Practice Experience and Integrative Learning Experience information, including the timing of their APE and ILE courses.

Learning Agreement

Prior to starting a practicum, students must complete a Learning Agreement, which outlines the scope, deliverables, work plan, proposed competencies, and timeframe for the project. Learning Agreements must be approved by the practice course instructor on Canvas. Learning Agreements are approved through the

CareerConnect web portal and electronically signed by the student, the preceptor, and the practice course instructor before the practicum begins.

Applied Practice Experience Products

Students will submit a minimum of two products they produce during their practicum to demonstrate at least five competencies defined by each field of study. The competencies will include at least three MPH foundational competencies and two field of study-specific competencies.

Resources for Identifying a Practicum

[Practica and abstracts](#) from previous years
[CareerConnect](#)

International Students

Prior to the start of their practicum, international students should consult with Monica Chan (monica_chan@harvard.edu) in the Harvard International Office about practicum-related student visa questions and documentation required for Curricular Practical Training (CPT) authorization.

For more details

[Office of Field Education and Practice](#)
[Applied Practice Experience requirements and resources](#)

Integrative Learning Experience

The Integrative Learning Experience (ILE) is a culminating experience that requires students to integrate and synthesize specific MPH foundational and field of study competencies that are gained in coursework and other parts of the MPH program. Students in each field of study complete their ILE as part of a for-credit course during their last semester. The syllabus for the ILE course for each field of study will provide details about the culminating experience process.

A paper, presentation, class-based activity, applied project, and/or other assignments are determined by each field of study to demonstrate mastery of MPH Foundational Competencies and field of study competencies.

[MPH competencies](#) are achieved through successful coursework, field practice, extracurricular activities, and other learning opportunities that students identify independently.

Field of Study Curricula

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.

[Supplements](#) to the MPH Curriculum Guide provide additional details on **required, recommended, and/or suggested elective courses** for some fields of study.

Advising

Each student will be assigned a primary faculty academic advisor based on 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.

Students are encouraged to carefully review the field of study requirements and consult with their faculty advisor to choose elective courses. With advisor oversight, students can identify graduate-level elective courses across the University, and at MIT and Tufts, that meet their career goals and allow them to take full advantage of being at Harvard. Academic advisors review proposed cross-registered courses to ensure they align with the public health career goals of students.

The MPH-OEP Office is a good resource for questions regarding the MPH public health core curriculum and graduation requirements. Faculty advisors, field of study leaders, departmental faculty with specific areas of expertise, and academic administrators can all serve as advisors in unofficial capacities too. Visit the [MPH-OEP's website](#) for more resources on planning your program.

Interdisciplinary Concentrations

Degree candidates have the option of pursuing a variety of [interdisciplinary concentrations](#). These concentrations are non-degree programs designed to deepen students' experience in academic or professional areas aligned with their career goals. Some concentrations are restricted to students in certain fields of study/programs

Tracking your degree progress

The [Academic Advising Report](#) in the Student Portal provides a summary of academic requirements and students' status. Students are encouraged to review their report regularly with their advisors and monitor their progress toward degree completion. Final determination of degree completion and graduation eligibility is made by the Registrar's Office and the MPH-OEP Office.

Graduation Requirements

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

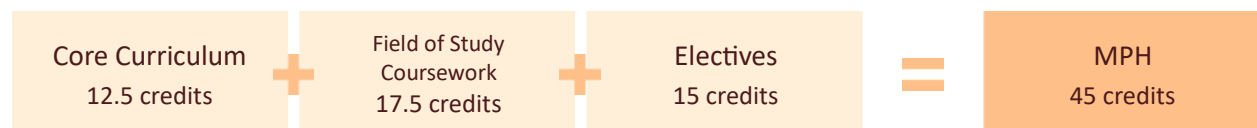
Curriculum Overview

The **Global Health (GH) field of study** prepares 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 and 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. Students also have elective credits available, which may be taken at the Harvard Chan School or through cross-registration.

Competencies

1. Examine the quantitative and qualitative evidence of a wide variety of global health challenges and settings
2. Evaluate global health interventions under different circumstances with different objectives (e.g. their relationship with health system reform)
3. Solve economic problems and write critically about applying concepts from health economics to global health
4. Identify key principles and domains of consequential leadership, and how they are applied in the practice of public health in global institutions
5. Analyze the ethical dimensions of global health problems, policies, and/or systems according to various ethical perspectives

MPH-45 in Global Health



Curriculum Requirements

Course Number	Title	Semester	Credits
MPH Public Health Core Curriculum (12.5 credits) To learn more about the MPH core and additional offerings, see pp. 9–12 .			
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	Fall 1	1.0
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	Fall	7.5
MPH 101	Qualitative Methods for Public Health	Fall 2	0.25
MPH 103	Leadership and Communication	Fall 2	1.25
MPH 104	Social, Behavioral, and Structural Determinants of Health	Fall 1	1.25
MPH 105	Public Health Policy and Politics	Fall 2	1.25
Field of Study Requirements (17.5 credits)			
GHP 230	Introduction to Economics with Applications to Health and Development	Fall 1	2.5
GHP 557	Fundamentals of Global Health	Fall	5.0
ID 250	Ethical Basis of the Practice of Public Health	Fall	2.5
GHP 945A GHP 945B	Applied Practice Experience for Global Health	Fall 1 Spring 2	1.25 1.25
GHP 530	Integrative Learning Experience for Global Health Consequential Leadership in Practice	Spring 2	2.5
Additional GHP Coursework: Complete a minimum of 2.5 credits offered by the Dept. of Global Health and Population, beyond the above requirements Students are encouraged to develop specific strengths by focusing some of their GHP coursework via interdisciplinary concentrations (e.g., Nutrition and Global Health, Humanitarian Studies, etc.), or a sequence of courses in a particular theme such as Health Systems or Population and Family Health. Independent Studies (GHP 300) are not accepted. A full list of courses is available on the GHP website .			
Varies			2.5
Electives (15 credits) See the online supplements for a sample list of cross-registered electives.			
TOTAL		45 Credits	

Notes

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.

Important Program Reminders

1	Minimum of 45 credits	2	May take up to 27.5 credits per semester
3	Minimum of 32.5 ordinal credits No more than 12.5 pass/fail credits	4	Cumulative GPA of at least 2.7

Sample Curriculum for MPH-45 in Global Health

Full-time students may take a maximum of 27.5 credits per fall and spring semester.

FALL (23.75 credits of required courses)			WINTER	SPRING (6.25 credits of required courses)		
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	1.0	GHP Travel Course (optional) and/or practicum	Varies	Additional GHP Coursework Requirement	2.5
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5		GHP 530	Consequential Leadership in Practice	2.5
MPH 101	Qualitative Methods for Public Health	0.25		GHP 945B	Applied Practice Experience for Global Health	1.25
MPH 103	Leadership and Communication	1.25		Electives		15.0
MPH 104	Social, Behavioral, and Structural Determinants of Health	1.25		Work on Practicum		
MPH 105	Public Health Policy and Politics	1.25				
GHP 230	Introduction to Economics with Applications to Health and Development	2.5				
ID 250	Ethical Basis of the Practice of Public Health	2.5				
GHP 557	Fundamentals of Global Health	5.0				
GHP 945A	Applied Practice Experience for Global Health	1.25				
SEMESTER TOTAL	23.75 credits		21.25 credits (including Winter Session)			

END OF PROGRAM = 45 credits

END OF PROGRAM = 45 credits

Field of Study: Health Management

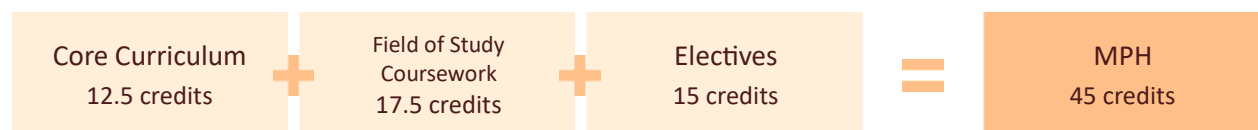
Curriculum Overview

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 and required coursework to develop competencies in financial literacy, innovative thinking, strategic acumen, health care quality, and change management. Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience. Students also have elective credits available, which may be taken at the Harvard Chan School or through cross-registration.

Competencies

1. Explain and use financial data to assess financial health and make managerial decisions for a health care unit, organization, or system
2. Critically evaluate organizational and team structures, processes, and climates to initiate and sustain performance
3. Apply appropriate frameworks and analysis in the development of an organizational strategy
4. Explain the imperatives to improve health quality and apply methods of quality improvement to address a quality problem
5. Create an action plan to address an unmet public health need by applying key concepts and skills of innovation and entrepreneurship

MPH-45 in Health Management



Curriculum Requirements

Course Number	Title	Semester	Credits
MPH Public Health Core Curriculum (12.5 credits) To learn more about the MPH core, see pp. 9–12 .			
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	Fall 1	1.0
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	Fall	7.5
MPH 101	Qualitative Methods for Public Health	Fall 2	0.25
MPH 103	Leadership and Communication	Fall 2	1.25
MPH 104	Social, Behavioral, and Structural Determinants of Health	Fall 1	1.25
MPH 105	Public Health Policy and Politics	Fall 2	1.25
Field of Study Requirements (17.5 credits)			
HPM 539	Management Science for a New Era	Fall 2 or Spring 1	2.5
Finance and Accounting: Choose two of the approved courses below			
HPM 219	Financial Transactions and Analysis	Fall 1	2.5
HPM 220	Financial Management and Control	Fall 2	2.5
HPM 222	Financial Management of Health Care Organizations	Spring 1	2.5
Innovation: Choose one of the approved courses below			
HPM 282	Innovative Problem Solving and Design Thinking in HC	Fall 1	2.5
HPM 557	Innovation and Entrepreneurship in Health Care	Fall 2	2.5
Strategy: Choose one of the approved courses below			
DRPH 270	Strategic Management in Global Settings	Spring 1	2.5
HPM 231	Healthcare Organizations and Strategy	Spring 2	2.5
Health Care Quality: Choose one of the approved courses below			
HPM 268	Methods and Tools for Quality Improvement	Fall 2	2.5
HPM 516	Healthcare Quality and Equity in the US	Spring 2	2.5
HPM 568	Designing and Managing Person-Centered, Safe Care Organizations	Spring 1	2.5
HPM 946F HPM 946S	Applied Practice Experience for Health Management	Fall Spring 2	1.25 1.25
HPM 947	Integrative Learning Experience for Health Management (MPH-45)	Spring 2	0

Course Number	Title	Semester	Credits
Electives (15 credits) See the online supplements for a list of electives that may be of interest to HM students and a sample list of cross-registered electives			
Total		45 Credits	

Notes

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.

For more student resources, visit the HPM – [Resources for New MPH Students](#).

HM field of study requirements cannot be waived.

Important Program Reminders

1	Minimum of 45 credits	2	May take up to 27.5 credits per semester
	Minimum of 32.5 ordinal credits		
3	No more than 12.5 pass/fail credits	4	Cumulative GPA of at least 2.7

Sample Curriculum for MPH-45 in Health Management

Full-time students may take a maximum of 27.5 credits per fall and spring semester.

FALL (21.25 credits of required courses)			WINTER	SPRING (8.75 credits of required courses)		
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	1.0	Work on practicum	Varies	Strategy Requirement	2.5
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5		Varies	Health Care Quality Requirement*	2.5
MPH 101	Qualitative Methods for Public Health	0.25		Varies	Finance & Accounting Requirement*	2.5
MPH 103	Leadership and Communication	1.25		HPM 946S	Applied Practice Experience for HM	1.25
MPH 104	Social, Behavioral, and Structural Determinants of Health	1.25		HPM 947	Integrative Learning Experience for Health Management	0
MPH 105	Public Health Policy and Politics	1.25		Electives		12.5
Varies	Finance & Accounting Requirement*	2.5		Work on practicum		
Varies	Innovation Requirement	2.5				
HPM 539	Management Science for a New Era*	2.5				
HPM 946F	Applied Practice Experience for HM	1.25				
Electives		2.5				
SEMESTER TOTAL	23.75 credits		21.25 credits (including Winter Session)			

END OF PROGRAM = 45 credits

END OF PROGRAM = 45 credits

* This requirement may be completed in either the fall or spring semester.

Field of Study: Health Policy

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 and 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. Students also have elective credits available, which may be taken at the Harvard Chan School or through cross-registration.

Competencies

1. Apply economic concepts to analyze and critique health care and public health policies
2. Recommend a course of action to address a health policy challenge that includes assessing alternative approaches within a specific political, economic, and/or social context
3. Critically evaluate and draw policy implications from health decision science studies (including cost-effectiveness) or health policy program evaluations
4. Design an effective political strategy to influence a health policy outcome
5. Prepare professional quality health policy memos that are informed by skillful use of evidence and are appropriate to their purpose and audience

MPH-45 in Health Policy



Curriculum Requirements

Course Number	Title	Semester	Credits
MPH PUBLIC HEALTH CORE CURRICULUM (11.25 credits) To learn more about the MPH core, see pp. 9–12 . <i>HP students are exempt from MPH 105.</i>			
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	Fall 1	1.0
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	Fall	7.5
MPH 101	Qualitative Methods for Public Health	Fall 2	0.25
MPH 103	Leadership and Communication	Fall 2	1.25
MPH 104	Social, Behavioral, and Structural Determinants of Health	Fall 1	1.25
Field of Study Requirements (15 credits)			
HPM 206	Economic Analysis	Fall 2	2.5
HPM 210	United States Health Policy	Fall 1	2.5
HPM 247	Political Analysis and Strategy for U.S. Health Policy	Spring 1	2.5
Analytical Methods: Choose <u>one</u> of the approved courses below			
RDS 280	Decision Analysis for Health and Medical Practices	Fall 2	2.5
HPM 543	Quantitative Methods for Policy Evaluation	Spring 2	2.5
HPM 581	Healthy Skepticism – Becoming a Thoughtful User of Public Health and Policy Research	Spring 2	2.5
*With permission of the faculty field of study director, students may also take RDS 202 Decision Science for Public Health.			
Additional Health Policy Coursework: Take an <i>additional 2.5 credits</i> of HPM health policy coursework. Some options are listed below.			
HPM 211	The Health Care Safety Net & Marginalized Populations	Fall 2	2.5
HPM 213	Public Health Law	Spring 2	
HPM 509	Disability Policy in the U.S.	Fall 2	
HPM 511	State Health Policy	Spring 1	
HPM 516	Healthcare Quality and Equity in the US	Spring 2	
HPM 523	Homelessness and Health: Lessons from Health Care, Public Health, and Research	Spring 1	
HPM 527	Health Data and Public Policy (1.25 credits)	Spring 1	
HPM 538	Pharmaceutical Development and Pharmacy Distribution: Markets and Policy in Cancer Care	Fall 2	

Course Number	Title	Semester	Credits
HPM 545	Economics of Health Care: Public vs. Market Resolutions	Spring 1	2.5
HPM 561	Loneliness and Public Health (1.25 credits)	Winter	
HPM 566	Advocacy and Organizing for Health Policy	Spring 1	
HPM 569	Presidents and Pandemics	Spring 2	
HPM 577	Executive Branch Health Policy	Fall 2	
HPM 582	Consumerism - The Customer is Always Right? The Patient's Role in Health Care and Health Policy	Spring 2	
Course # TBD	Pharma Policy	Spring - TBD	
ID 240	Principles of Injury Control	Spring 1	
HPM 945F	Applied Practice Experience & Integrative Learning Experience for Health Policy	Fall	1.25
HPM 945S		Spring 2	1.25
Electives (18.75 credits) See the online supplements for a list of electives that may be of interest to HP students and a sample list of cross-registered electives .			
TOTAL		45 Credits	

Notes

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.

For more student resources, visit the HPM – [Resources for New MPH Students](#).

For information about waiving or substituting an HP field of study requirement, visit [the HPM Department website](#).

Important Program Reminders

1	Minimum of 45 credits	2	May take up to 27.5 credits per semester
	Minimum of 32.5 ordinal credits		Cumulative GPA of at least 2.7
3	No more than 12.5 pass/fail credits	4	

Sample Curriculum for MPH-45 in Health Policy

Full-time students may take a maximum of 27.5 credits per fall and spring semester.

FALL (20 credits of required courses)			WINTER	SPRING (6.25 credits of required courses)			
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	1.0	Work on Practicum	HPM 247	Political Analysis and Strategy for U.S. Health Policy	2.5	
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5		Varies	Additional Health Policy Coursework Requirement*	2.5	
MPH 101	Qualitative Methods for Public Health	0.25		HPM 945F	Applied Practice Experience and Integrative Learning Experience for HP	1.25	
MPH 103	Leadership and Communication	1.25		Electives			15.0
MPH 104	Social, Behavioral, and Structural Determinants of Health	1.25		Work on Practicum			
HPM 206	Economic Analysis	2.5					
HPM 210	United States Health Policy	2.5					
Varies	Analytical Methods Requirement*	2.5					
HPM 945S	Applied Practice Experience and Integrative Learning Experience for HP	1.25					
Electives		3.75					
SEMESTER TOTAL	23.75 credits		21.25 credits (including Winter Session)				

END OF PROGRAM = 45 credits

END OF PROGRAM = 45 credits

* This requirement may be completed in either the fall or spring semester.

Field of Study: Health and Social Behavior

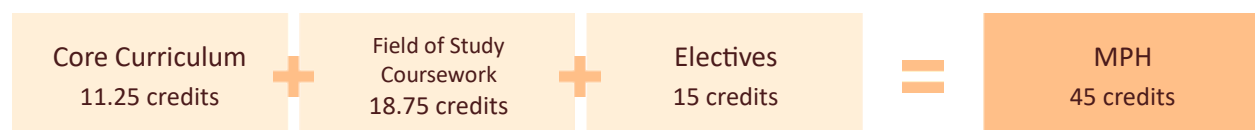
Curriculum Overview

The **Health and Social Behavior (HSB) field of study** is devoted to understanding health disparities, social determinants of health, and promoting social and health equity. The curriculum for the health and social behavior field of study consists of the required MPH public health core curriculum and required field of study-specific courses. HSB-45 students must take a survey course in society and health, three other specific SBS courses that apply these principles to understanding and intervening in the health of populations, as well as complete additional elective courses in the Department of Social and Behavioral Sciences. Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience. Students also have elective credits available, which may be taken at the Harvard Chan School or through cross-registration.

Competencies

1. Develop and evaluate a social and behavioral public health intervention using social and behavioral theories or conceptual paradigms as a guide
2. Assess theory-based social and structural drivers of health
3. Apply quantitative and qualitative methods to social and behavioral public health research and/or practice using a range of study designs
4. Describe and apply rigorous frameworks or theory-based approaches to research translation for practice and/or policy in public health setting
5. Explain how principles of social inclusion, diversity, social justice, and/or ethics can be applied in research and practice

MPH-45 in Health and Social Behavior



Curriculum Requirements

Course Number	Title	Semester	Credits
MPH PUBLIC HEALTH CORE CURRICULUM (11.25 credits) To learn more about the MPH core and additional offerings, see pp. 9–12 . <i>HSB students are exempt from MPH 104.</i>			
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	Fall 1	1.0
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	Fall	7.5
MPH 101	Qualitative Methods for Public Health	Fall 2	0.25
MPH 103	Leadership and Communication	Fall 2	1.25
MPH 105	Public Health Policy and Politics	Fall 2	1.25
Field of Study Requirements (18.75 credits) Students must take HSB field of study requirements for an ordinal grade.			
SBS 201	Society and Health (+ required lab)	Fall 1	2.5
SBS 281	Principles of Social and Behavioral Research	Fall 2	2.5
Theory-Guided Research Translation: Choose <u>one</u> of the three approved courses below.			
SBS 203	Program Planning	Spring 1	2.5
SBS 219	High-Risk Behavior: Epidemiology and Prevention Strategies	Spring 2	2.5
SBS 514	Reducing Socioeconomic & Racial/Ethnic Inequalities in Health: Concepts, Models, Effective Strategies	Spring 1	2.5
Social and Behavioral Health Programs and Interventions: Choose <u>one</u> of the two approved courses below.			
SBS 204	Program Implementation and Evaluation	Spring 2	2.5
SBS 231	Community Intervention Research Methods	Spring 1	2.5
SBS 945F	Applied Practice Experience for Health and Social Behavior	Fall 1	1.25
SBS 945S		Spring 2	1.25
SBS 946	Integrative Learning Experience - MPH-45 in Health and Social Behavior	Spring	1.25
Additional SBS Coursework: Complete a minimum of 5 credits of SBS coursework beyond the field of study requirements. To view the full list of approved SBS course offerings, visit the SBS Department website . An independent study (e.g., SBS 300) does not count towards this requirement			
Varies			5.0

Course Number	Title	Semester	Credits
Electives (15 credits) The SBS Department offers two suggested approaches to help guide selection of elective courses, grouped as Research skills or Practice skills. These tracks are simply suggestions. These do not constitute a concentration and will not be reflected on the student's transcript. Students may opt to include a mix of courses from each track. This decision process should be guided by the student's academic advisor. The SBS Department offers a sample list of courses for each track and approved SBS course offerings . See the online supplements for a sample list of cross-registered electives.			
TOTAL			45 Credits

Notes

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.

Important Program Reminders

1	Minimum of 45 credits	2	May take up to 27.5 credits per semester
	Minimum of 32.5 ordinal credits		Cumulative GPA of at least 2.7
3	No more than 12.5 pass/fail credits	4	

Sample Curriculum for MPH-45 in Health and Social Behavior

Full-time students may take a maximum of 27.5 credits per fall and spring semester.

FALL (17.5 credits of required courses)			WINTER	SPRING (12.5 credits of required courses)		
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	1.0	Work on Practicum	Varies	Theory-Guided Research Translation Requirement	2.5
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5		Varies	Social and Behavioral Health Programs and Interventions	2.5
MPH 101	Qualitative Methods for Public Health	0.25		Varies	Additional SBS Coursework Requirement*	5.0
MPH 103	Leadership and Communication	1.25		SBS 945S	Applied Practice Experience for HSB	1.25
MPH 105	Public Health Policy and Politics	1.25		SBS 946	Integrative Learning Experience - MPH-45 in HSB	1.25
SBS 201	Society and Health (+ required lab)	2.5		Electives		10
SBS 281	Principles of Social and Behavioral Research	2.5		Work on Practicum		
SBS 945F	Applied Practice Experience for HSB	1.25				
Electives		5				
SEMESTER TOTAL	22.5 credits		22.5 credits (including Winter Session)			

END OF PROGRAM = 45 credits

END OF PROGRAM = 45 credits

*This requirement may be completed in either the fall or spring semester.

Field of Study: Occupational and Environmental Health

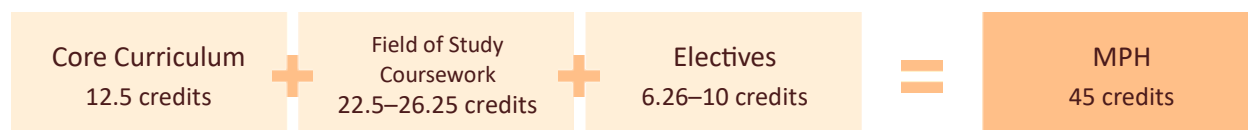
Curriculum Overview

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 and 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). Students must also complete an approved Applied Practice Experience and an Integrative Learning Experience. Students also have elective credits available, which may be taken at the Harvard Chan School or through cross-registration.

Competencies

1. Begin formulation of the differential diagnosis after acquiring an accurate and relevant history, including occupational history related to workplace or environmental exposures.
2. Develop a study in the field of environmental and occupational health that takes into account the principles of toxicology.
3. Assess environmental and occupational health hazards using core principles of industrial hygiene, ergonomics, occupational safety, and risk/hazard control and communication (e.g., recognition of regulatory standards and guidelines).
4. 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.
5. Apply epidemiological and risk-based concepts to public policy or the actions of regulatory agencies.

MPH-45 in Occupational and Environmental Health



Curriculum Requirements

Course Number	Title	Semester	Credits
MPH Public Health Core Curriculum (12.5 credits) To learn more about the MPH core and additional offerings, see pp. 9–12 .			
ID 100	Foundations for Public Health (<i>pre-matriculation coursework completed in summer</i>)	Fall 1	1.0
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	Fall	7.5
MPH 101	Qualitative Methods for Public Health	Fall 2	0.25
MPH 103	Leadership and Communication	Fall 2	1.25
MPH 104	Social, Behavioral, and Structural Determinants of Health	Fall 1	1.25
MPH 105	Public Health Policy and Politics	Fall 2	1.25
Field of Study Requirements (12.5–26.25 credits) Students must take OEH field of study requirements for an ordinal grade unless otherwise noted.			
EH 241	Occupational Safety and Injury Prevention	Fall	2.5
EH 504	Principles of Toxicology (<i>Students with a prior medical degree may take this course for 2.5 credits.</i>)	Fall	2.5–5.0
HPM 548	Responsible Conduct of Research*	Fall 1 or Spring 1	1.25 (or audited)
EH 231	Occupational Health Policy and Administration	Spring	2.5
EH 232	Introduction to Occupational and Environmental Medicine	Spring	2.5
ID 263	Practice of Occupational Health	Spring	5.0
EH 945F EH 945S	Applied Practice Experience for Occupational and Environmental Health	Fall Spring	1.25 1.25 (P/F only)
Integrative Learning Experience: in AY 2026 - 2027, students will satisfy the ILE requirement with EH 232.			
Electives (16.25–20 credits) See the online supplements for a sample list of cross-registered electives.			
TOTAL		45 Credits	

Notes

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.

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. The Winter Session activity consists of an occupational medicine clinic at Cambridge Health Alliance (CHA).

*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. While the course is offered in both fall and spring, **NIOSH grantees are highly encouraged to complete this requirement in their first fall semester. If they plan to take HPM 548 in spring, they should confirm that the schedule does not conflict with any other required courses.**

HPM 548 is recommended, but not required, for all other MPH-45 OEH students. For instructions on how to audit HPM 548, visit hsph.me/RCR.

Important Program Reminders

1	Minimum of 45 credits	2	May take up to 27.5 credits per semester
	Minimum of 32.5 ordinal credits		Cumulative GPA of at least 2.7
3	No more than 12.5 pass/fail credits	4	

Sample Curriculum for MPH-45 in Occupational and Environmental Health (OEMR student)

Full-time students may take a maximum of 27.5 credits per fall and spring semester.

FALL (18.75 credits of required courses)			WINTER	SPRING (17.5 credits of required courses)		
ID 100	Foundations for Public Health (<i>pre-matriculation coursework completed in summer</i>)	1.0	Work on Practicum	EH 231	Occupational Health Policy and Administration	2.5
ID 201	Core Principles of Biostatistics and Epidemiology for Public Health Practice	7.5		EH 232	Introduction to Occupational and Environmental Medicine	2.5
MPH 101	Qualitative Methods for Public Health	0.25		ID 263	Practice of Occupational Health	5.0
MPH 103	Leadership and Communication	1.25		EH 945S	Applied Practice Experience for OEH	1.25
MPH 104	Social, Behavioral, and Structural Determinants of Health	1.25		Electives		10.0
MPH 105	Public Health Policy and Politics	1.25		Work on Practicum		
EH 241	Occupational Safety and Injury Prevention	2.5				
EH 504	Principles of Toxicology	2.5				
HPM 548	Responsible Conduct of Research*	1.25 or audited				
EH 945F	Applied Practice Experience for OEH	1.25				
Electives		3.75				
TOTAL	23.75 credits			21.25 credits (including Winter Session)		

END OF PROGRAM = 45 credits

END OF PROGRAM = 45 credits

* Required for NIOSH Grant recipients; recommended for all other OEH students. See Notes on p. 33 for more details.

Field of Study: Quantitative Methods

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 quantitative methods field of study curriculum consists of the required MPH public health core curriculum and 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, an Integrative Learning Experience, and an additional practice-based course in an area such as survey research, clinical trials, meta-analysis, decision sciences, or other relevant quantitative areas. Students also have elective credits available, which may be taken at the Harvard Chan School or through cross-registration.

Competencies

1. Critically evaluate and apply principles of epidemiologic methods, including exposure and outcome measures, measures of association, bias and confounding, and study design options.
2. Demonstrate the ability to critically evaluate and apply appropriate biostatistical techniques for data arising from evaluation of public health problems (e.g., including basic probability theory and common distributions, effect measure estimation, continuous and categorical data analysis, parametric and non-parametric hypothesis tests, confidence intervals and p-values, correlation and basic regression techniques, and power/sample size calculations)
3. Design, implement, evaluate, and interpret univariate and multivariable regression methods appropriate for data arising from relevant public health and clinical research problems.
4. Apply and critically evaluate causal inference methods, such as the application of counterfactual conceptualizations and the use of Directed Acyclic Graphs, to the setting of observational studies relevant to public health and clinical applications.
5. Assess the validity and efficiency of different study designs for specific research questions through critical evaluation of contemporary studies published in the peer-reviewed literature.

MPH-45 in Quantitative Methods



Curriculum Requirements

Course Number	Title	Semester	Credits
MPH PUBLIC HEALTH CORE CURRICULUM (15 credits)			
To learn more about the MPH core, see pp. 9–12 .			
ID 100	Foundations for Public Health (pre-matriculation coursework completed in summer)	Fall 1	1.0
BST 201	Introduction to Statistical Methods	Fall	5.0
EPI 201	Introduction to Epidemiology: Methods I	Fall 1	2.5
EPI 202	Epidemiologic Methods II: Elements of Epidemiologic Research	Fall 2	2.5
MPH 101	Qualitative Methods for Public Health	Fall 2	0.25
MPH 103	Leadership and Communication	Fall 2	1.25
MPH 104	Social, Behavioral, and Structural Determinants of Health	Fall 1	1.25
MPH 105	Public Health Policy and Politics	Fall 2	1.25
Field of Study Requirements (15 credits)			
Regression: choose <u>one</u> of the two approved courses below			
<i>With permission of the field of study leader, students may also take other courses to satisfy this requirement.</i>			
BST 210	Applied Regression Analysis	Fall or Spring	5.0
BST 220	Applied Regression Methods	Fall	5.0
Upper-Level Quantitative Methods Coursework: Take <u>5 credits</u> (beyond the field of study requirements), in Fall or Spring, of intermediate or advanced courses in EPI, BST, demography, decision sciences (RDS), or other approved quantitative sciences.			
Varies			5.0
ID 945A ID 945B	Applied Practice Experience & Integrative Learning Experience for Quantitative Methods	Fall Spring	1.25 1.25
Additional Practice Course or Field of Study-Approved Research Project: choose <u>one</u> course from the approved options below. Other options may be approved by the field of study leader.			
BST 209 BST 212 BST 214	Machine Learning: Collaborative Data Sci. in Healthcare Survey Research Methods in Community Health Principles of Clinical Trials	Summer 2 Spring Next offering TBD	2.5
BST 217	Statistical and QM for Pharmaceutical Regulatory Science	Spring 2	

Course Number	Title	Semester	Credits
BST 225	Intro to Systematic Reviews and Meta-Analysis Methods	Summer 2	2.5
BST 263	Statistical Learning	Spring	
EPI 233	Research Synthesis and Meta-Analysis	Spring	
EPI 288	Introduction to Data Mining and Risk Prediction	Spring	
EPI 286	Database Analytics in Pharmacoepidemiology	Fall 2	
EPI 501	Dynamics of Infectious Diseases	Spring 2	
EPI 528	Systematic Review and Meta-Analysis (ONLINE)	Fall	
GHP 525	Econometrics for Health Policy (5 credits)	Fall	
GHP 537	Field Methods in Humanitarian Crisis	Spring 1	
ID 240	Principles of Injury Control	Spring 1	
SBS 500	Developing a Research Protocol	Spring	
SBS 550	Program Evaluation	Winter	
RDS 282	Economic Evaluation of Health Policy and Program Management.^	Spring 2	
RDS 285	Decision Analysis Methods in Public Health and Medicine^	Spring 1	
	—or—		
ID 945C	Field of Study-Approved Research Project	Spring 2	
Electives (15 credits) See the online supplements for a sample list of cross-registered electives.			
TOTAL		45 Credits	

^Pre-req of RDS 280 or RDS 286

Notes

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.

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 and EPI 208 to partially fulfill their biostatistics and epidemiology core requirements. However, they must also:

- Take EPI 202 in summer or fall.
- Take EPI 201 in the fall semester or request guest access to the course for self-study. Because EPI 208 overlaps only partially with EPI 201, students are responsible for mastering the remaining material.

Important Program Reminders

1	Minimum of 45 credits	2	May take up to 27.5 credits per semester
	Minimum of 32.5 ordinal credits		Cumulative GPA of at least 2.7
3	No more than 12.5 pass/fail credits	4	

Sample Curriculum for MPH-45 in Quantitative Methods

Full-time students may take a maximum of 27.5 credits per fall and spring semester.

FALL (16.25 credits of required courses)			WINTER	SPRING (13.75 credits of required courses)			
ID 100	Foundations for Public Health (<i>pre-matriculation coursework completed in summer</i>)	1.0	Work on Practicum	Varies	Upper-Level QM Course(s)*	5.0	
BST 201	Introduction to Statistical Methods	5.0		Varies	Additional Practice Course*	2.5	
EPI 201	Introduction to Epidemiology: Methods I	2.5		ID 945B	Applied Practice Experience and Integrative Learning Experience for QM	1.25	
EPI 202	Epidemiological Methods II: Elements of Epidemiologic Research	2.5		Electives		8.75	
MPH 101	Quantitative Methods for Public Health	0.25		Work on Practicum			
MPH 103	Leadership and Communication	1.25					
MPH 104	Social, Behavioral, and Structural Determinants of Health	1.25					
MPH 105	Public Health Policy and Politics	1.25					
BST 210 or BST 220	Regression Requirement*	5					
ID 945A	Applied Practice Experience and Integrative Learning for QM	1.25					
Electives		1.25					
SEMESTER TOTAL	22.5 credits		22.5 credits (including Winter Session)				

END OF PROGRAM = 45 credits

*This requirement may be completed in either the fall or spring semester.

Online Elective Courses

Academic year (residential) MPH students may enroll in the following online elective courses on a space-available basis. The courses listed below are part of the Harvard Chan School's hybrid MPH in Epidemiology (MPH-EPI) and on-line MPH Generalist (MPH-GEN) program. Priority enrollment goes to MPH-EPI and MPH-GEN students.

See [p. 5](#) for the MPH program's policy on online credits for residential MPH students.

Course Number	Title	Semester	Credits
Fall			
EPI 526	Analysis of Publicly Available Databases for Epidemiologic and Health Services Research	Fall	2.5
EPI 527	Design and Conduct of Trials in Preventive Medicine	Fall	2.5
EPI 528	Systematic Review and Meta-Analysis	Fall	2.5
EPI 529	Applications of Epidemiology	Fall	1.25
HPM 506	Practical Scientific Methods for Improving Health and Health Care	Fall	2.5
HPM 559	Introduction to Qualitative Research Methods for Public Health	Fall	2.5
ID 224	Survey Research Methods for Public Health	Fall	2.5
ID 226	Interventions for Global Health: Concepts and Methods	Fall	2.5
ID 262	Emerging Issues in Humanitarian Response	Fall	2.5
ID 290	Emergency Response, Disasters, and Public Health	Fall 2	2.5
ID 514	Organizational Behavior (Petition required)	Fall 1	2.5
Spring			
BST 215	Linear and Longitudinal Regression	Spring	2.5
EPI 288	Introduction to Machine Learning and Risk Prediction	Spring	2.5
EPI 529	Applications of Epidemiology	Spring	1.25
EPI 530	Introduction to Infectious Disease Modeling	Spring 2	1.25
RDS 202	Decision Science for Public Health	Spring	2.5
ID 218	Financial Transactions and Analysis	Spring 1	2.5
ID 226	Interventions for Global Health: Concepts and Methods	Spring	2.5

Course Number	Title	Semester	Credits
ID 232	Communication Strategies and Tactics for Public Health Advocacy	Spring	2.5
ID 237	Resilient Health Systems in Low- and Middle-Income Countries	Spring 2	2.5
ID 241	Dynamic Leadership: Navigating Through Crisis and Complexity	Spring 2	2.5
ID 255	Public Health Leadership: Personal Mastery	Spring 2	1.25
ID 257	An Introduction to Implementation Science	Spring 2	2.5
ID 523	Investigating Outbreaks	Spring 2	1.25