Enclosed is information about the Master of Public Health (MPH) program for 65 credits. Students must select one of five fields of study to focus their studies and to gain depth in particular areas of interest. This guide includes the basics for the MPH degree, required core courses, and requirements for each of the fields of study, including the practicum and culminating experience.

NOTE: Every effort is made to ensure the information contained in this guide is accurate at the time of printing. However, the Harvard T.H. Chan School of Public Health reserves the right to make changes in degree requirements, courses of instruction, faculty, and other information contained herein. For any questions about fulfilling degree requirements or changing fields of study, please contact the MPH Program Office, housed in the Office of Education, Kresge G-29.

This version of the MPH-65 Curriculum Guide is effective for all students beginning degree enrollment as of August 2016 or January 2017.
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The names and contact information for the field of study leaders are listed below. These same faculty members also make up the MPH Steering Committee, which meets monthly to review policies and compliance with accreditation requirements. Information about faculty members and their research interests can be found at: www.hsph.harvard.edu/faculty

**Murray Mittleman**  
Faculty Director, MPH Program  
mittlem@hsph.harvard.edu

**Anne Occhipinti**  
Assistant Dean for Professional Education  
aocchipi@hsph.harvard.edu

<table>
<thead>
<tr>
<th>Field of Study</th>
<th>Leader</th>
<th>Location</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CLE</strong> Academic Year</td>
<td>Heather Baer</td>
<td>1620 Tremont St., One Brigham Circle, 3rd Floor</td>
<td><a href="mailto:hbaer@partners.org">hbaer@partners.org</a></td>
</tr>
<tr>
<td><strong>CLE Summer-Only &amp; MPH-EPI</strong></td>
<td>Fran Cook</td>
<td>1620 Tremont St., One Brigham Circle, 3rd Floor</td>
<td><a href="mailto:ecook@partners.org">ecook@partners.org</a></td>
</tr>
<tr>
<td><strong>EH</strong></td>
<td>Francine Laden</td>
<td>SPH1 – 13th Floor</td>
<td><a href="mailto:francine.laden@channing.harvard.edu">francine.laden@channing.harvard.edu</a></td>
</tr>
<tr>
<td><strong>GH</strong></td>
<td>Jesse Bump</td>
<td>SPH1 – 1104</td>
<td><a href="mailto:bump@hsph.harvard.edu">bump@hsph.harvard.edu</a></td>
</tr>
<tr>
<td><strong>HM</strong></td>
<td>Sara Singer</td>
<td>SPH3 – 317</td>
<td><a href="mailto:ssinger@hsph.harvard.edu">ssinger@hsph.harvard.edu</a></td>
</tr>
</tbody>
</table>
| **HP** | MPH-45: Anna Sinaiko  
MPH-65: Nancy Turnbull | SPH3 – 433  
SPH3 – 303 | asinaiko@hsph.harvard.edu  
nturnbul@hsph.harvard.edu |
| **HSB** | Marie McCormick | SPH3 – 619 | mmccormi@hsph.harvard.edu |
| **OEH** | Stefanos Kales | SPH1 – 1406-D | skales@hsph.harvard.edu |
| **QM** | Murray Mittleman | SPH3 – 505 | mmittlem@hsph.harvard.edu |
| **QM Summer-Only** | Marcia Testa | SHP1 – 417 | testa@hsph.harvard.edu |
In addition to the MPH Curriculum Guide, students at the Harvard T.H. Chan School of Public Health should become familiar with the following resources found on the School’s website or by visiting the appropriate office:

**Registrar’s Office**
[www.hsph.harvard.edu/registrar](http://www.hsph.harvard.edu/registrar)
Email: registrar@hsph.harvard.edu
Phone: 617.432.1032

**Harvard Chan School Course Catalog**
[https://my.harvard.edu](https://my.harvard.edu)

**Harvard University-Wide Course Catalog**
[https://coursecatalog.harvard.edu](https://coursecatalog.harvard.edu)

**Procedure for Cross-Registration at Other Schools**
[www.hsph.harvard.edu/registrar/cross-registration](http://www.hsph.harvard.edu/registrar/cross-registration)

**2016-2017 Academic Calendar**
[www.hsph.harvard.edu/registrar/academic-calendar](http://www.hsph.harvard.edu/registrar/academic-calendar)

**Harvard Chan School Student Handbook**
[www.hsph.harvard.edu/student-handbook](http://www.hsph.harvard.edu/student-handbook)

**Harvard Chan School Photo Directory**
[www.hsph.harvard.edu/people](http://www.hsph.harvard.edu/people)

**Office of Admissions**
[www.hsph.harvard.edu/admissions](http://www.hsph.harvard.edu/admissions)
Email: admissions@hsph.harvard.edu

**Office of Financial Aid**
[www.hsph.harvard.edu/osfs](http://www.hsph.harvard.edu/osfs)
Email: osfs@hsph.harvard.edu

**Office for Student Affairs**
[www.hsph.harvard.edu/student-affairs](http://www.hsph.harvard.edu/student-affairs)
Email: studentaffairs@hsph.harvard.edu

**Office of Diversity and Inclusion**
[www.hsph.harvard.edu/diversity](http://www.hsph.harvard.edu/diversity)
Email: odi@hsph.harvard.edu

**Office for Alumni Affairs and Career Advancement**
[www.hsph.harvard.edu/careers](http://www.hsph.harvard.edu/careers)
Email: careers@hsph.harvard.edu

[http://alumni.sph.harvard.edu](http://alumni.sph.harvard.edu)
Email: alumni@hsph.harvard.edu
OVERVIEW

The MPH degree is the most widely recognized professional credential for leadership in public health. The program emphasizes active, student-directed learning, problem solving, and the acquisition of skills essential to the practice of public health. The program is organized around five career-oriented fields of study and a core curriculum. Each field of study offers electives that allow students to explore in depth areas relevant to their personal career goals.

We encourage you to carefully review the field of study requirements and consult with faculty advisors to choose elective courses that are best suited to your needs. There are some similarities across the fields of study, and it is important to choose classes that provide both depth and breadth in your chosen area, and assist you in developing expertise in a focus area relevant to your professional interests.

The overall objectives of the MPH program are:

(i) to provide training in public health to qualified health professionals and to other individuals whose prior training and experience prepares them to play a leadership role in public health;

(ii) to adapt MPH training to the diverse backgrounds and anticipated future careers of students;

(iii) to award the MPH degree to individuals who have acquired a particular depth of knowledge in public health sciences and who have demonstrated the following capacities to:

- understand the distribution of major determinants of health in populations relevant to the candidate’s anticipated career course,
- effectively contribute to the management of health services,
- analyze risks and devise strategies for a healthier environment, a safer workplace, and fewer injuries,
- identify ways in which changes in behavior and social structures may affect the health of populations;

(iv) to lead students to achieve these capacities in a setting that demands that the students query, learn, persuade, and communicate in active interchange with their peers, with faculty, and with practitioners outside the School.
2016 – 2017 MASTER OF PUBLIC HEALTH 65-CREDIT PROGRAM

GENERAL MPH-65 GUIDELINES

The MPH program is housed in the Office of Education (OED). In order to complete the program, all MPH-65 students must fulfill the following requirements regardless of their field of study:

1. 65 credits minimum
2. 47.5 credits minimum graded ordinally (A, B, C, etc.)
3. Up to 17.5 credits out of the required 65 may be taken Pass/Fail. Additional credits taken beyond the required 65 may be taken as Pass/Fail as long as the student has at least 47.5 ordinal credits.
   i. Be sure to check if core or field of study requirements are listed as Pass/Fail only.
   ii. (Please check with the OED/MPH Office for specifics.) This is your responsibility.
4. Successful completion of all courses required by your particular field of study
5. Practicum and Culminating Experience
6. Cumulative grade point average of at least 2.7

- While the Harvard Chan School does not accept courses in transfer, students who have taken equivalent courses at another School of Public Health may petition to waive a requirement. All MPH-65 students must fulfill the 65 credit minimum requirement at the Harvard Chan School in order to graduate. Please contact the OED/MPH Office for specific information about waivers.

- 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 OED/MPH Office with any advising concerns. In addition, students have access to a variety of resources for advising about their academic programs. Faculty advisors, field of study leaders, other faculty with particular areas of expertise, and administrative advisors are valuable in guiding specific interests and issues. Students should check with the OED/MPH Office for questions related to core courses and requirements for graduation.

- Graduation: Completion of core and field of study requirements for the MPH degree is monitored by the OED/MPH Office. This office has the most current information on requirements, options, and course alternatives. In addition to meeting with your faculty advisors, please check with the OED/MPH Office to be sure your planned curriculum choices meet all MPH requirements. This office also has information about options that previous students have selected. This is your responsibility.

- All graduating MPH students receive a Master of Public Health degree regardless of field of study.

*For students who begin their degree program in August 2016 and after: MPH-65 students will be assessed a flat tuition charge per semester based on degree program and full- or part-time status that will include all registration for that semester. Students may elect to complete additional credits beyond the required 65, but must use them during their enrollment in the MPH degree program and may not use the additional credits to extend their expected graduation date.
CORE REQUIREMENTS
MPH core requirements are developed in accordance with the guidelines established by the Council on Education for Public Health (CEPH) and the MPH Steering Committee. The CEPH establishes core areas required of all students receiving a professional degree in public health at accredited institutions. Courses required to fulfill the core may vary for each field of study. Students are responsible for reviewing the specific guidelines for their chosen field of study and the options listed in this guide.

FIELDS OF STUDY
A field of study provides students with a focus during an intense period of study. In addition to the basic core, a field of study may require or recommend courses particularly valuable to its relevant area of focus. All core and additional required courses must be taken to fulfill the requirements of the field of study and the MPH degree.

REQUIRED AND RECOMMENDED COURSES WITHIN A FIELD OF STUDY
MPH students are expected to take a sufficient number of courses within their chosen field of study in order to provide depth in a specific area. Graduates who can demonstrate skill and training in a particular area offer an employer greater strength than graduates whose education is broad but lacks depth.

ELECTIVES BEYOND CORE AND FIELD OF STUDY REQUIREMENTS
The courses at the Harvard Chan School provide a rich selection for students, permitting very broad choices. Students are not restricted in their selection of elective courses; however, planning ahead wisely is strongly advised. Students should review all current course offerings at https://my.harvard.edu. Harvard Chan students with particular interests also have the opportunity to select courses at any of the other Harvard graduate schools, Massachusetts Institute of Technology (MIT), and Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy. For courses available at other Harvard graduate schools, please refer to https://coursecatalog.harvard.edu. Students are responsible for reviewing and confirming cross-registered course options and credits at MIT and Tufts.

Please be aware that some elective courses have prerequisites that must be taken before enrolling. At the beginning of the term and in consultation with their advisor and/or field of study leader, students should consult the recommendations established by their field of study and develop a careful plan by reviewing the course descriptions provided in the course catalog. Please note: some courses are only offered alternate years.

FIELD OF STUDY CHANGES
Students considering a change of field of study must submit their request to the OED/MPH Office no later than 12 p.m. on Tuesday, September 6, 2016, to ensure that the request can be considered by the relevant field of study admissions committee in sufficient time for the committee to make a decision before the end of the add/drop period for Fall and Fall 1 courses.
2016 – 2017 MPH-65 CORE REQUIREMENTS: ALL FIELDS OF STUDY

This section contains the basic MPH-65 core requirements for all fields of study (FoS). For each core area there may be a variety of courses that will fulfill the core. Please be sure to check the section relevant to your field of study to determine if there are specific courses that your field of study requires to fulfill a particular core area. The abbreviation for a specific field of study is noted in parentheses if that field of study requires a specific course to fulfill a particular core area.

In general, at least one course under each core heading is required for each field of study. Please review the options and the specific field of study requirements, particularly those where more than one course is required to fulfill that core requirement.

For ANY questions regarding core requirements, please check with the Office of Education/MPH Program Office, Kresge G-29.

CREDITS AND SEMESTERS
Students may take up to 25 credits in a given semester. The semester is divided into two terms, e.g. Fall 1 and Fall 2 or Spring 1 and Spring 2, indicating when a course is offered. Each semester’s registration should include all courses planned for the fall semester or the spring semester. Courses meeting during the whole semester are designated as “Fall” or “Spring.” Courses meeting half of a semester are indicated by a 1 or 2 (e.g. “Fall 1”, “Spring 2”). The Registrar’s Office lists these segments by date ranges for each course. A summary is on the back of this document.

The January “Winter Session” courses are listed under the spring semester schedule and also under the Winter Session schedule. Credits for Winter Session courses are counted in the spring total. Please check with the OED/MPH Office to ensure you are completing the necessary core and field of study requirements.

Course length does not necessarily determine course credit and vice versa. Courses that are 2.5 credits may span one or both terms of a semester, depending on the number of times the course meets per week. For example, SBS 201 [Fall 1] is worth 2.5 credits and meets twice per week during Fall 1, whereas ID 215 [Spring] is also worth 2.5 credits and meets only once per week during the entire spring semester.
MPH-65 CORE REQUIREMENTS: ALL FIELDS OF STUDY
(Please note specific designations)

BIOSTATISTICS – collection, storage, retrieval, analysis, and interpretation of health data; design and analysis of health-related surveys and experiments; and concepts and practice of statistical data analysis.

BIOSTATISTICS CORE COMPETENCIES

- Demonstrate the roles biostatistics serves in the discipline of public health.
- Interpret graphical and descriptive techniques commonly used to summarize public health data.
- Describe basic concepts of probability, random variation, and commonly used statistical probability distributions.
- Apply common statistical methods for estimation and inference and use them appropriately according to underlying assumptions and type of study design.
- Interpret the results of statistical analyses to provide evidence within the context of public health, health care, biomedical, clinical, and population-based studies and research.
- Develop basic skills for utilizing statistical computing software for performing data analyses.

Biostatistics Courses Fulfilling the Core

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 201 [Fall] (EH, GH, HM, HP, HSB) or BST 201 [Fall]</td>
<td>Core Principles of Biostatistics and Epidemiology for Public Health Practice</td>
<td>7.5</td>
</tr>
<tr>
<td></td>
<td>Introduction to Statistical Methods*</td>
<td>5.0</td>
</tr>
</tbody>
</table>

*Pending no course conflicts with field of study requirements, some students may choose to take the BST 201 and EPI 201 and EPI 202 sequence to fulfill the Biostatistics and Epidemiology core requirements in lieu of ID 201. Students interested in this option must obtain instructor approval.
**EPIDEMIOLOGY** – distributions and determinants of disease, disabilities, and death in human populations; the characteristics and dynamics of human populations; and the natural history of disease and the biologic bases of health.

**EPIDEMIOLOGY CORE COMPETENCIES**

- Describe the role of epidemiology as a quantitative approach to address problems in public health and clinical medicine.
- Describe and apply the basic principles and methods of epidemiology including: disease measures, association and causation, bias, confounding and effect modification, and susceptibility.
- Interpret descriptive epidemiologic results in order to develop hypotheses of possible risk factors of a disease.
- Develop a foundation for designing valid and efficient epidemiologic studies to address public health problems including: understanding the strengths and limitations of descriptive, observational, and experimental studies.
- Become a critical reader of epidemiologic literature by analyzing the appropriateness of study design, quality of data, methodological strategies, and interpretation of results.

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**Epidemiology Courses Fulfilling the Core**

*Minimum 2.5 credits*

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<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID 201 [Fall] (EH, GH, HM, HP, HSB)</td>
<td>Core Principles of Biostatistics and Epidemiology for Public Health Practice</td>
<td>7.5</td>
</tr>
<tr>
<td>or EPI 201 [Fall 1]</td>
<td>Introduction to Epidemiology: Methods I*</td>
<td>5.0</td>
</tr>
<tr>
<td>and EPI 202 [Fall 2]</td>
<td>Introduction to Epidemiology: Methods II*</td>
<td></td>
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</tbody>
</table>

*Pending no course conflicts with field of study requirements, some students may choose to take the BST 201 and EPI 201 and EPI 202 sequence to the fulfill the Biostatistics and Epidemiology core requirements in lieu of ID 201. Students interested in this option must obtain instructor approval.*
ENVIRONMENTAL HEALTH SCIENCES – *environmental factors including biological, physical, and chemical factors that affect the health of a community.*

**ENVIRONMENTAL HEALTH SCIENCES CORE COMPETENCIES**

- Characterize the human health effects, both acute and chronic, of major environmental and occupational hazards such as: air pollution, metals, organic pollutants, microbial contamination of drinking water, and physical hazards.

- Analyze sources, pathways, and routes of exposure to these environmental and occupational hazards [and safety], and determine the populations with a high risk of exposure.

- Assess the factors that can modify the overall impact of environmental and occupational hazards on a population (e.g., age, genetic polymorphisms, nutritional, and disease states).

- Apply risk assessment and risk management concepts to develop effective guidelines and policies to mitigate and manage environmental and occupational hazards and improve health outcomes.

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**Environmental Health Sciences Courses Fulfilling the Core**

*Minimum 2.5 credits*

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EH 201 [Fall 2]</td>
<td>Introduction to Environmental Health</td>
<td>2.5</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EH 202 [Spring 1]</td>
<td>Principles of Environmental Health</td>
<td>2.5</td>
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<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EH 232 [Spring]</td>
<td>Intro. to Occupational and Environmental Medicine</td>
<td>2.5</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>EH 278 [Spring 2]</td>
<td>Human Health and Global Environmental Change</td>
<td>2.5</td>
</tr>
<tr>
<td>or</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ID 215 [Spring]</td>
<td>Environmental and Occupational Epidemiology</td>
<td>2.5</td>
</tr>
</tbody>
</table>

*For students in the EH field of study, the Environmental Health Sciences core competencies are covered by the field of study requirements.*
HEALTH SERVICES ADMINISTRATION – planning, organization, administration, management, evaluation, and policy analysis of health and public health programs.

HEALTH SERVICES ADMINISTRATION CORE COMPETENCIES

The Health Services Administration (HSA) core courses are classified into three groups for purposes of core competencies: health management, health economics, and health policy and politics. Students are required to fulfill the core competencies for one of these groups and in the cross-cutting HSA competencies.

Most students fulfill the HSA core competencies by taking one HSA core course and through their practicum project and culminating experience.

A. Health Management

- Interpret financial statements to discern the financial health of a unit, organization, or system.
- Change and leverage cultural and contextual factors to achieve desired organizational outcomes.
- Work effectively within and across teams in multiple roles, including both leader and follower.
- Manage organizational decision-making processes effectively and make credible, defensible managerial decisions despite uncertainty, controversy, or time pressure.

B. Health Economics

- Articulate the functions of supply and demand.
- Assess the extent to which real markets diverge from perfect markets.
- Apply models of rational choice to markets.
- Assess the effects of financial and payment incentives on the behavior of individuals and organizations.
- Apply these tools of economic analysis to new policy issues and proposals.

C. Health Policy and Politics

- Demonstrate the capacity to apply a conceptual framework for understanding political and policy processes in health care.
- Explain how political institutions and processes influence resource allocation in health care.
- Understand basic organization, financing, and delivery of health services and public health systems.
- Discuss the policy process for improving the health status of populations.

For students in the Global Health, Health Management, and Health Policy fields of study, the Health Services Administration core is included in the field of study requirements (see next page for details). Students in other fields of study may select from these courses or from options indicated here. Carefully review the selections and be sure to consult with your advisor, the field of study leader, and the OED/MPH Office for ANY questions you may have about this core.
**Health Services Administration Courses Fulfilling the Core**

*Minimum 2.5 credits*

### HEALTH MANAGEMENT

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPM 219(2)</td>
<td>Financial Transactions and Analysis</td>
<td>2.5</td>
</tr>
<tr>
<td>HPM 220</td>
<td>Financial Management and Control</td>
<td>2.5</td>
</tr>
<tr>
<td>HPM 539</td>
<td>Health Care Organizations and Organizational Behavior</td>
<td>2.5</td>
</tr>
</tbody>
</table>

### HEALTH ECONOMICS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPM 206</td>
<td>Economic Analysis</td>
<td>5.0</td>
</tr>
<tr>
<td>GHP 230</td>
<td>Intro. to Economics with Applications to Health &amp; Development</td>
<td>2.5</td>
</tr>
</tbody>
</table>

### HEALTH POLICY AND POLITICS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GHP 244</td>
<td>Health Sector Reform: A Worldwide Perspective</td>
<td>2.5</td>
</tr>
<tr>
<td>GHP 269</td>
<td>The Political Economy of Global Health</td>
<td>2.5</td>
</tr>
<tr>
<td>HPM 210</td>
<td>United States Health Policy</td>
<td>2.5</td>
</tr>
<tr>
<td>HPM 247</td>
<td>Political Analysis and Strategy for U.S. Health Policy</td>
<td>5.0</td>
</tr>
</tbody>
</table>

*For students in the Global Health, Health Management, and Health Policy fields of study, the Health Services Administration core is included in the field of study requirements as noted.*

*MPH-HM students are required to take both HPM 219 and 220. However, students in the EH or HSB fields of study may fulfill the HSA core requirement by taking either HPM 219 or 220; it is not required to take both.*
SOCIAL AND BEHAVIORAL SCIENCES – concepts and methods of social and behavioral sciences relevant to the identification and solution of public health problems.

SOCIAL AND BEHAVIORAL SCIENCES CORE COMPETENCIES

- Compare social, developmental, and behavioral theories of health, health behavior, and illness, and analyze their applicability to different types of health problems.
- Formulate social and behavioral change interventions based on these theories that are appropriate and responsive to the social and cultural context.
- Develop program and policy implementation skills, including communication, advocacy, and engaging the media.
- Design and implement program evaluations using qualitative and quantitative methods.
- Critique the validity of basic behavioral and evaluation research.
- Identify individual, organizational, and community concerns, assets, resources, and deficits for social and behavioral science interventions.

Social and Behavioral Sciences Courses Fulfiling the Core*

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBS 201 [Fall 1] (HSB) or SBS 207 [Spring 1]</td>
<td>Society and Health</td>
<td>2.5</td>
</tr>
<tr>
<td>SBS 281 [Fall 2] or SBS 503 [Spring 2]</td>
<td>Principles of Social and Behavioral Research</td>
<td>2.5</td>
</tr>
<tr>
<td>SBS 506 [Fall 1]</td>
<td>Explaining Health Behavior: Insights from Behavioral Economics</td>
<td>2.5</td>
</tr>
<tr>
<td>or</td>
<td>An Intro. to History, Politics, &amp; Public Health: Theories of Disease Distribution &amp; Health Inequities</td>
<td>2.5</td>
</tr>
</tbody>
</table>

*For students in the HSB field of study, the Social and Behavioral Sciences core is included in the field of study requirements.
ETHICS – application of moral and political philosophical principles and processes of moral reasoning to resolve dilemmas arising in public health policy and practice.

**MPH ETHICS REQUIREMENT: CORE COMPETENCIES**

- Develop aptitude for analyzing the ethical assumptions and components underlying health policy decisions.
- Develop proficiency in examining critically the basic vocabulary and concepts of the main alternative lines of argument in areas of moral philosophy relevant to public health.
- Develop and apply philosophical ideas and arguments to practical problems underlying public health challenges.
- Develop ability to criticize and defend ethical arguments that are applied to public health challenges.
- Develop attention to how arguments for and against positions on public health dilemmas are sensitive to changes in evidence, circumstance, or one’s assumptions.

---

**Ethics of Public Health Practice**

0 – 2.5 credits

MPH-65 students in the EH, GH, HP, and HSB fields of study may fulfill the Ethics core requirement in one of three ways:

**For-Credit Options:**

1) Enrolling in ID 216, Critical Thinking and Action for Public Health Professionals (see p. 15)

2) Selecting one of the approved individual Ethics core courses:

- ID 250 [Fall 1] or [Spring 1] Ethical Basis of the Practice of Public Health 2.5
- GHP 293 [Fall 2] Individual and Social Responsibility for Health 2.5

**Non-Credit Option:**

3) MPH-65 students in the EH, GH, HP, and HSB fields of study may also fulfill the Ethics core requirement by completing an alternative non-credit option. Completing the non-credit option will require students to complete a series of 5 online modules (including some short online discussion questions), attend a 3-hour in-person interactive session, and complete a short written assignment. To accommodate the schedule of as many students as possible, the in-person interactive session will be offered on two dates (Friday, November 4 and Saturday, November 5, 2016). To demonstrate that they have acquired the required core competencies, students will be required to satisfactorily complete all components, including actively participating in the in-person interactive session.
PRACTICE AND CULMINATING EXPERIENCE
Credits are specific to each field of study – see FoS requirements

Each field of study in the MPH program requires 1) a Practicum, and 2) a Culminating Experience, which are components of a practice course or seminar course for each field of study.

The Practicum, or field placement, is completed by working on a project under the guidance of a preceptor at an outside organization or agency. The objectives of the Practicum are to help you integrate, synthesize, and apply the knowledge and skills 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 competencies and skills needed to function in a professional public health setting.

The Culminating Experience is a classroom-based set of assignments focused on self-assessment and critical reflection on students’ professional growth and mastery of core competencies throughout the program as a whole. Core competencies specific to each field of study are outlined in this guide and are achieved through successful coursework, field practice, extracurricular activities, and other learning opportunities that students identify independently.

Time Requirement for Practicum (Field Placement):

**MPH-65:** 300 hours minimum. Students will complete the Practicum during the summer, except for Health Management students, who will combine a summer internship with the ID 267 course to meet the Practicum requirement.

For more details, please see the Public Health Practice Resources website: 
[www.hsph.harvard.edu/public-health-practice-resources](http://www.hsph.harvard.edu/public-health-practice-resources)
PILOT INTEGRATED PUBLIC HEALTH CORE COURSE:
Critical Thinking and Action for Public Health Professionals

Course Description
ID 216 Critical Thinking and Action for Public Health Professionals is a new 5-credit course that will be offered as a pilot this fall to 120 MPH students. ID 216 integrates the core competencies of Environmental Health, Health Services Administration (which includes both health management and health policy), Social and Behavioral Sciences, and Ethics, as well as exploring issues in Life Sciences, Communication, and Global Health.

ID 216 is designed as an active learning classroom experience which uses discussion, case studies, group work, and other hands-on activities that enable students to synthesize and apply the knowledge and skills of multiple disciplines to solving real-world public health challenges. Taught by leading Harvard Chan faculty experts in their respective fields, each two to three-week module in the course explores a different current public health topic. This approach builds the integrated knowledge, cross-cutting skills and professional competencies students need to approach complex problems systematically and comprehensively, i.e. to think and act like public health professionals.

Important Course Notes

- MPH students will be selected to participate in ID 216 via randomized lottery
- ID 216 satisfies four MPH core requirements: Environmental Health, Health Services Administration, Social & Behavioral Sciences, and Ethics
- ID 216 does not replace or fulfill a field of study requirement
- ID 216 will be offered in the fall semester only. There are two sections:
  - 8:30-10:20 am on Monday and Wednesday
    - Students in the Health and Social Behavior (HSB) field of study enrolled in the pilot will be required to take this section due to other program requirements
  - 3:30-5:20 pm on Monday and Wednesday
- (Students in the MPH-65 Health Management field of study will take ID 216 in fall 2017.)
INDIVIDUAL FIELD OF STUDY OUTLINES:

ENVIRONMENTAL HEALTH FIELD OF STUDY: MPH-65

The MPH in Environmental Health (EH) 65-credit training program is designed to prepare students as leaders in environmental and occupational health practice, to manage occupational or environmental health surveillance programs, and/or to review, synthesize, and help develop environmental and occupational health policies, regulations, and procedures in the local, regional, national, and international arenas. Graduates from this degree program are expected to be hired in a wide range of facilities including public and private organizations, local, regional, and national governmental agencies, non-governmental agencies and advocacy groups, industry entities, and consulting companies.

The environmental health sciences track is designed to provide practitioners with the training necessary to develop effective guidelines and policies to mitigate and manage environmental hazards. Students will master the critical skills necessary for characterizing human health effects of a wide range of environmental hazards; for analyzing the sources, pathways, and routes of exposure of these hazards; and for developing and implementing appropriate remediation, policies, and regulations to eradicate these hazards and improve health outcomes.

This degree program is designed to prepare students for employment in a wide range of entities including but not limited to academia, industry, government, health organizations, advocacy groups, and consulting agencies where a practical expertise in environmental and occupational exposures and health is required.

ENVIRONMENTAL HEALTH DEGREE COMPETENCIES: MPH-65

Environmental Health Sciences Track
- Critically review published environmental epidemiologic studies
- Perform statistical analyses using appropriate data
- Evaluate statistical analyses from published research
- Evaluate reports of environmental assessments and monitoring
- Develop effective guidelines and policies to mitigate and manage environmental and occupational hazards
- Improve health outcomes using risk assessment and risk management methods
- Characterize the human health effects, both acute and chronic, of major environmental and occupational hazards such as air pollution, metals, organic pollutants, microbial contamination of drinking water and physical hazards
- Determine the populations with a high risk of exposure by analyzing sources, pathways, and routes of exposure to these environmental and occupational hazards
- Assess the factors that can modify the overall impact of environmental and occupational hazards on population (e.g., age, genetic polymorphisms, nutritional and disease states)
- Summarize public health data using graphical and descriptive techniques
- Apply theories and frameworks to the analysis of public policy and the actions of regulatory agencies
- Integrate disciplinary perspectives and methods to address a specific environmental health issue or problem


**SECTION 1: MPH Program-Wide Public Health Core Requirements (12.5 – 15 credits)**

(i) Biostatistics and Epidemiology  
7.5 credits

ID 201 [Fall]* Core Principles of Biostatistics and Epidemiology for Public Health Practice  

or

Other Approved Options as Appropriate (see pages 7-8)

*This integrated course will fulfill both the Biostatistics and Epidemiology core requirements.

---

**Other Public Health Core:**  
5 – 7.5 credits

(ii) Environmental Health Sciences**  
(iii) Health Services Administration  
(iv) Social and Behavioral Sciences  
(v) Ethics of Public Health Practice

The School is piloting a new 5-credit integrated MPH core course in fall 2016, ID 216, **Critical Thinking and Action for Public Health Professionals**. Some students will take this new integrated course (see p. 15 for more information). Other students will take the individual public health core courses separately (see pages 9-13 for approved options).

**The Environmental Health Sciences core competencies are covered by the Environmental Health field of study requirements.**
SECTION 2: MPH-65 Environmental Health – Field of Study Requirements (35 credits)

MPH-65 Environmental Health students in the Environmental Health Science track must complete the following field of study-specific requirements:

Fall Semester; 1st Year

1. EH 205 [1st year; Fall] Human Physiology 5.0
2. EH 510 [1st year; Fall] Fundamentals of Human Environmental Exposure Assessment 2.5

Spring Semester; 1st Year

3. EH 257 [Spring] Water Pollution 5.0
4. EH 297 [Spring] Atmospheric Environment Seminars 5.0

Fall Semester; 2nd Year

5. EH 263 [2nd year; Fall] Analytic Methods and Exposure Assessment 5.0
6. EH 504 [2nd year; Fall] Principles of Toxicology 5.0
7. BST 213 [2nd year; Fall] Applied Regression for Clinical Research 5.0

Practice and Culminating Experience

8. EH 267 [Summer] Practice & Culminating Experience for Environmental Health 2.5

and [2nd year; Fall]

The practice and culminating experience component of the program requires a fieldwork experience to be undertaken during the summer after the first year of study. Each student develops and participates in an individualized field practice. The culminating experience is a written paper or presentation submitted at the end of the third semester of study.

SECTION 3: Electives (15 – 17.5 credits)

Students are free to choose electives at the Harvard Chan School or by cross-registering for graduate-level courses at other Harvard Graduate Schools, MIT, or Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy.

Recommended Electives

EH 330 [Winter] Field Experience in International Occupational Health and Safety (Taiwan) 2.5
EH 262 [Fall] Introduction to the Work Environment 2.5
EH 241 [Spring] Occupational Safety and Injury Prevention 2.5
EH 243 [Fall] Ergonomics/Human Factors 2.5
EH 251 [Winter] Public Health in Megacities: The Environmental Dimension (Mexico City) 2.5
EH 252 [Spring] The Impact of Buildings on Health, Productivity, & Sustainability 5.0
ID 215 [Spring] Environmental and Occupational Epidemiology 2.5
ID 263 [Spring] Practice Occupational Health 5.0
RDS 500 [Spring 2] Risk Assessment 2.5
# MPH-65 Environmental Health – Environmental Health Sciences Track

## Degree Requirements

### MPH Program-Wide Public Health Core Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Biostatistics &amp; Epidemiology</td>
<td>7.5</td>
</tr>
<tr>
<td>Other Public Health Core*</td>
<td>5.0 – 7.5</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>12.5 – 15 credits</strong></td>
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</table>

### MPH-65 Environmental Health – Environmental Health Sciences Track – Field of Study Requirements

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Human Physiology</td>
<td>5.0</td>
</tr>
<tr>
<td>Fundamentals of Human Environmental Exposure Assessment</td>
<td>2.5</td>
</tr>
<tr>
<td>Water Pollution</td>
<td>5.0</td>
</tr>
<tr>
<td>Atmospheric Environment Seminars</td>
<td>5.0</td>
</tr>
<tr>
<td>Analytic Methods and Exposure Assessment</td>
<td>5.0</td>
</tr>
<tr>
<td>Principles of Toxicology</td>
<td>5.0</td>
</tr>
<tr>
<td>Applied Regression for Clinical Research</td>
<td>5.0</td>
</tr>
<tr>
<td>Practice and Culminating Experience</td>
<td>2.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>35 credits</strong></td>
</tr>
</tbody>
</table>

### Electives

| Electives                                        | 15 – 17.5 credits** |

### Total Requirements

| **Total Requirements**                           | 65 credits |

*The School is piloting a new 5-credit integrated MPH core course in fall 2016, ID 216, Critical Thinking and Action for Public Health Professionals. Some students will take this new integrated course (see p. 15 for more information). Other students will take the individual public health core courses separately (for MPH-EH, 2.5 credits in Health Services Administration, 2.5 credits in Social and Behavioral Sciences, and 2.5 credits in Ethics or completion of the alternative non-credit option – see pp. 9-13). The Environmental Health Sciences core competencies are covered by the Environmental Health field of study requirements.

**For students who begin their degree program in August 2016 and after**: MPH-65 students will be assessed a flat tuition charge per semester based on degree program and full- or part-time status that will include all registration for that semester. Students may elect to complete additional credits beyond the required 65, but must use them during their enrollment in the MPH degree program and may not use the additional credits to extend their expected graduation date.
GLOBAL HEALTH FIELD OF STUDY: MPH-65

The Global Health (GH) field of study explores the emerging professional and academic domain of global health, emphasizing the development of analytical and methodological skills to effectively address population health challenges in a global context. Students will enhance their ability to apply epidemiological, economic, political, and managerial concepts and tools to the design, implementation, monitoring, and evaluation of health policies and programs.

The MPH-65 program prepares those early in their careers for positions in global health at sub-national, national, or international levels. Graduates will work in provincial or national ministries of health, inter-governmental organizations, donor aid agencies, non-governmental (or non-profit) organizations, entrepreneurial initiatives, as well as in proprietary organizations.

Curriculum
Students learn from school-wide core courses in public health as well as required courses in global health challenges and strategies, economic and political analysis, health system reform, program evaluation, financial management and control, and financing and delivery of health care. 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 low- and middle-income countries. In addition, students must complete an approved practicum and culminating experience project. In addition, students may complete some credits available for elective courses, which may be taken at the Harvard Chan School or by cross-registering at other Harvard Graduate Schools, MIT, or Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy.

Students are encouraged to choose electives that will help them develop an area of interest and expertise. They can select courses that: 1) comprise an organized school-wide interdisciplinary concentration in topical areas such as “Humanitarian Studies, Ethics, and Human Rights” or “Women, Gender, and Health”, or 2) are part of a (GHP) cluster such as “Population and Family Health” or “Global Health Systems”, or 3) strengthen skills in disciplines such as political science, economics, management, or demography.
Faculty in the Department of Global Health and Population (GHP) have identified three competency domains, listed below, that they use to plan and evaluate curriculum for MPH students who have selected Global Health as their primary field of study.

- The **Knowledge Domain** reflects the belief that all students should have a basic understanding of global health problems, as well as underlying causes and potential solutions.

- The **Methods, Analysis, and Synthesis Domain** reflects the belief that most global health solutions require multidisciplinary approaches to the population-based challenges they are designed to address. Students will enhance their competencies in this domain via study in a wide variety of disciplines, including epidemiology, biostatistics, environmental health science, demography, economics, ethics, management, medicine, and political science.

- The **Translation and Execution Domain** reflects the belief that successful global health interventions require more than a deeper understanding of problems, causes and interventions and enhanced analytical skills. Managers and leaders must also be able to implement evidence-based solutions in complex health systems, a difficult organizational challenge in public health which is focused on population rather than individual health.

After completion of the master's degree, students will be able to integrate disciplinary perspectives and methods from each of the three domains to address a specific global health issue or problem. This ability will be supported by specific competencies:

**A. Knowledge Domain**

- Competency 1: Identify global health problems and underlying causes, and be able to explain those problems to specialist as well as non-specialist audiences;
- Competency 2: Describe historical changes in fertility, mortality, causes of death, and the burden of disease;
- Competency 3: Explain key demographic and health transitions;
- Competency 4: Identify interventions to address global health problems in particular sub-national, national, and global contexts;
- Competency 5: Provide arguments to support prioritizations of interventions at the sub-national, national, and global level; and,
- Competency 6: Explain how health care, and the social, economic, legal, and political environments in which people live affect population health outcomes.

**B. Methods, Analysis, and Synthesis Domain**

- Competency 7: Analyze a problem in global health and population drawing concurrently from a variety of disciplines, including epidemiology, biostatistics, environmental health science, demography, economics, ethics, management, medicine, and political science, characterizing the current state of understanding; and,
- Competency 8: Generate novel, testable hypotheses relevant to global health problems, including both policy and program dimensions.
C. Translation and Execution Domain

Competency 9: Use state-of-the-art methods for improving health system and organizational performance, including monitoring and evaluation, to achieve a positive global health result;

Competency 10: Effectively implement a global health program or intervention by designing processes to enable positive, substantial, and sustainable health system and organizational change;

Competency 11: Communicate effectively with groups and individuals across status and cultural differences both within health systems and organizations to create a positive environment for work and collaboration, and externally, to achieve organizational goals; and,

Competency 12: Apply social justice and human rights principles in the design, implementation, and evaluation of public health policies and programs; and,

Competency 13: Apply policy development skills to contribute to the formulation and implementation of positive global health-related policies.

SECTION 1: MPH Program-Wide Public Health Core Requirements (12.5 – 15 credits)

(i) Biostatistics and Epidemiology

ID 201 [Fall]* Core Principles of Biostatistics and Epidemiology for Public Health Practice or Other Approved Options as Appropriate (see pages 7-8)

*This integrated course will fulfill both the Biostatistics and Epidemiology core requirements.

(ii) Environmental Health Sciences

(iii) Health Services Administration**

(iv) Social and Behavioral Sciences

(v) Ethics of Public Health Practice

The School is piloting a new 5-credit integrated MPH core course in fall 2016, ID 216, Critical Thinking and Action for Public Health Professionals. Some students will take this new integrated course (see p. 15 for more information). Other students will take the individual public health core courses separately (see pages 9-13 for approved options).

**The Health Services Administration core is included in the Global Health field of study requirements.
Note: Courses are listed under the domain that best reflects their principle coverage of the competencies listed earlier. In fact, most, if not all of the following courses address multiple domains and competencies.

MPH-65 Global Health students must complete the following field of study-specific requirements:

1. **Knowledge Domain**
   - GHP 557 [1st year; Fall] Fundamentals of Global Health 5.0

2. **Methods, Analysis, and Synthesis Domain**
   - GHP 230 [1st year; Fall 1]* Intro. to Economics with Applications to Health & Development 2.5
   - GHP 244 [1st year; Fall 2] Health Sector Reform: A Worldwide Perspective 2.5
   - GHP 269 [Spring 2] The Political Economy of Global Health 2.5
   - **And select one of the following:**
     - BST 216 [Spring 1] Intro. to Quantitative Methods for Monitoring & Evaluation 2.5
     - GHP 562 [Spring 2] Program Monitoring & Evaluation Methods for Use in Field Settings 2.5
   - *Fulfills Health Services Administration core requirement

3. **Translation and Execution Domain**
   - HPM 220 [Spring 1] Financial Management & Control 2.5
   - **MPH-GH students should enroll in the Spring 1 offering of HPM 220**
   - **And select one of the following:**
     - GHP 532 [Spring 1] Introduction to Global Health Care Delivery 2.5
     - GHP 245 [Spring 2] Financing & Delivery of Health Care in Developing Countries 2.5

4. **Practice and Culminating Experience**
   - TBD [Summer] and [2nd year; Fall] Practice & Culminating Experience for Global Health 2.5
   - The practicum experience allows students to apply the knowledge and skills acquired during the first year of study. The experience also presents opportunities to build connections with global health professionals and associated communities of practice.

   *The capstone course is mandatory for all MPH-65 Global Health students, as part of the practicum and culminating experience requirement. The course is a forum for discussing the main features and challenges of the global health profession. Particular emphasis is given to analyzing, synthesizing, and sharing important aspects of the field experience. This exercise supports a community of learning and helps develop the communication skills—oral, written, visual, and listening—needed for success in public health.*

   **The main elements of the capstone are:**
   
   a. The global health practice experience, which can be developed either by students themselves or by Harvard Chan faculty and staff and includes project travel and/or work during the summer. For all projects, a minimum 300 documented work hours is required.
   
   b. The preparation of a memo or reflection paper during the capstone course that includes both a description of the global health project undertaken as well as the lessons gained from the experience. Course sessions will be held during Fall of the second year. A detailed course schedule is forthcoming and the syllabus will be provided at the beginning of the course.
SECTION 3: Electives (27.5 – 30 credits)

School-Wide Interdisciplinary Concentrations:

MPH students have the option of pursuing school-wide interdisciplinary concentrations in addition to the global health field of study. These six concentrations are non-degree programs designed to deepen students’ experience in academic or professional areas aligned with their career goals. Please see page 45 for more information.

GHP Departmental Educational and Research Clusters:

Faculty members in the Department of Global Health and Population have organized their educational and research activities within three clusters which can help guide students’ elective selections. Although some students may decide not to formally join an interdisciplinary concentration, with the guidance of their academic advisor, they may utilize the courses listed for each concentration and create their own group of courses in a particular area.

A. Humanitarian Studies, Ethics, and Human Rights
B. Population and Family Health
C. Global Health Systems

A. Humanitarian Studies, Ethics, and Human Rights

Students interested in the Humanitarian Studies, Ethics, and Human Rights cluster are encouraged to consider the HuSEHR interdisciplinary concentration. Information about this area can be found on page 45.

B. Population and Family Health

Students interested in the Population and Family Health cluster should explore the subspecialties offered in the interdisciplinary concentrations such as Nutrition and Global Health; Epidemiology and Infectious Disease; Women, Gender & Health; and Maternal and Child Health (see pages 45-47).

C. Global Health Systems

Students who would like to specialize in Global Health Systems are directed to the Public Health Leadership interdisciplinary concentration (see page 45).
### MPH Program-Wide Public Health Core Requirements

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<td><strong>Total</strong></td>
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### MPH-65 Global Health – Field of Study Requirements

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>Fundamentals of Global Health</td>
<td>5.0</td>
</tr>
<tr>
<td>Intro. to Economics</td>
<td>2.5</td>
</tr>
<tr>
<td>Health Sector Reform: A Worldwide Perspective</td>
<td>2.5</td>
</tr>
<tr>
<td>The Political Economy of Global Health</td>
<td>2.5</td>
</tr>
<tr>
<td>Intro. to QM for Monitoring &amp; Evaluation OR</td>
<td>2.5</td>
</tr>
<tr>
<td>Program Monitoring &amp; Evaluation Methods</td>
<td>2.5</td>
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<tr>
<td>Financial Management &amp; Control</td>
<td>2.5</td>
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<td>2.5</td>
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<tr>
<td>Practice and Culminating Experience</td>
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<tr>
<td><strong>Total</strong></td>
<td>22.5 credits</td>
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</tbody>
</table>

**Electives** 27.5 – 30 credits

**Total Requirements** 65 credits

*The School is piloting a new 5-credit integrated MPH core course in fall 2016, ID 216, Critical Thinking and Action for Public Health Professionals. Some students will take this new integrated course (see p. 15 for more information). Other students will take the individual public health core courses separately (for MPH-GH, 2.5 credits in Environmental Health, 2.5 credits in Social and Behavioral Sciences, and 2.5 credits in Ethics or completion of the alternative non-credit option – see pp. 9-13). The Health Services Administration core is included in the Global Health field of study requirements.

**For students who begin their degree program in August 2016 and after:** MPH-65 students will be assessed a flat tuition charge per semester based on degree program and full- or part-time status that will include all registration for that semester. Students may elect to complete additional credits beyond the required 65, but must use them during their enrollment in the MPH degree program and may not use the additional credits to extend their expected graduation date.
HEALTH MANAGEMENT FIELD OF STUDY: MPH-65

The Health Management (HM) field of study prepares students for management careers in the unique environment of health care. Students who choose the management field of study will take courses providing practical management skills such as accounting, finance, operations, marketing, quality improvement, leadership and management of people, and strategy. Students will learn to analyze and take actions to improve organizational performance using the skills and frameworks learned in coursework and through field experiences.

This field of study prepares those early in their careers for management roles in health care organizations, including public or private sector health delivery systems, health insurance plans, and supply sector organizations, as well as working as consultants.

Curriculum
The MPH-65 HM program begins in January. The curriculum for the health management field of study consists of the required school-wide core courses in public health as well as required field of study courses in financial analysis, management control, data analysis, organizational behavior, operations, marketing, strategy, and innovation. Students also will be required to participate in a structured field placement or a business plan competition. In addition, elective credits may be taken at the Harvard Chan School or by cross-registering at other Harvard Graduate Schools, MIT, or Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy.

HEALTH MANAGEMENT DEGREE COMPETENCIES: MPH-65

Through successful completion of the field of study curriculum including coursework, practice experience, and culminating experience, graduates will be able to:

Knowledge of Health Care Environment
- Demonstrate knowledge of health care systems and the environment in which health care managers and providers function.

Business Knowledge and Skills
- Apply management and business principles, including systems thinking, to the health care environment including advanced skills in specific sub-disciplines of health management (e.g., finance, operations, organizational behavior, marketing, strategy, risk management, and quality improvement).
- Apply sound managerial decisions or recommendations informed by assessment of the situation, identification and evaluation of alternative potential courses of action, use of appropriate financial and other evidence-based management principles and concepts, application of management and business principles, and identifying ethical implications of options.
- Integrate disciplinary perspectives and methods to address a specific health management issue or problem

Communication and Relationship Management
- Clearly and concisely communicate within and outside of a health care organization/agency in order to facilitate and maintain constructive interactions.

Analysis
- Critically evaluate organizational structures, processes, and performance in managerial terms.
- Apply appropriate, evidence-based management principles and concepts to address organizational issues.

Professionalism
- Align personal and organizational conduct with ethical and professional standards including responsibility to individuals and communities.
Leadership
- Demonstrate awareness of the impact of one’s own actions and behaviors on others.
- Generate a shared vision and approach to effectuate change in an organization.

### SECTION 1: MPH Program-Wide Public Health Core Requirements (12.5 credits)

#### (i) Biostatistics and Epidemiology

<table>
<thead>
<tr>
<th>ID 201 [Fall]*</th>
<th>Core Principles of Biostatistics and Epidemiology for Public Health Practice or Other Approved Options as Appropriate (see pages 7-8)</th>
</tr>
</thead>
</table>

*This integrated course will fulfill both the Biostatistics and Epidemiology core requirements.*

#### Other Public Health Core:

<table>
<thead>
<tr>
<th>Other Public Health Core:</th>
<th>5 credits</th>
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<tbody>
<tr>
<td>(ii) Environmental Health Sciences</td>
<td></td>
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<tr>
<td>(iii) Health Services Administration</td>
<td></td>
</tr>
<tr>
<td>(iv) Social and Behavioral Sciences</td>
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<tr>
<td>(v) Ethics of Public Health Practice</td>
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</table>

Students in the MPH-65 Health Management field of study will take a 5-credit integrated MPH core course, **ID 216, Critical Thinking and Action for Public Health Professionals**, in fall 2017. For MPH-HM, this course will fulfill the Environmental Health, Social and Behavioral Sciences, and Ethics core requirements. The Health Services Administration core is included in the Health Management field of study requirements.
### SECTION 2: MPH-65 Health Management – Field of Study Requirements (37.5 credits)

MPH-65 Health Management students must complete the following field of study-specific requirements. More information will be distributed to incoming MPH-65 HM students prior to spring pre-registration.

| A. Leadership | HPM 245 [1st year, Winter] | Public Health Leadership | 2.5 |
| B. Financial Analysis/Management Control* | HPM 220 [1st year; Spring 1] | Financial Management and Control | 2.5 |
|  | and | Financial Transactions and Analysis | 2.5 |

*Fulfills Health Services Administration core requirement

| C. Health Care Information Technology Management | HPM 261 [1st year; Spring 1] | Health Care Information Technology Management | 2.5 |

| D. Operations/Process Improvement | HPM 232 [1st year; Spring 2] | Operations Management in Service Delivery Organizations | 2.5 |
|  | and | Methods and Tools for Quality Improvement | 2.5 |
|  | and | Health Care Quality and Safety | 2.5 |

| E. Organizational Behavior I & II | HPM 539 [1st year; Spring 2] | Health Care Organizations and Organizational Behavior | 2.5 |
|  | HPM TBD [Fall 1] | Organizational Behavior II | 2.5 |

| F. Marketing | HPM 233 [1st year; Spring] | Strategic Marketing Management in Health Systems | 2.5 |

| G. Strategy | HPM 231 [Fall 2] | Competitive Strategy | 2.5 |

| H. Innovation | HPM 557 [Fall 2] | Innovation and Entrepreneurship in Health Care | 2.5 |

| I. Data Analysis | HPM 242 [2nd year; Spring 1] | Data Analysis for Professionals | 2.5 |

| J. Health Policy Elective | MPH-65 HM students must take at least 2.5 credits in health policy from the list of approved courses on the following page. |

| K. Practice and Culminating Experience | ID 267 [Fall] and [2nd year; Spring] | Practice & Culminating Experience for Health Management | 2.5 |

_ID 267 is the practice and culminating experience for the health management field of study. Students are required to complete a summer internship at an outside organization or agency and attend various class sessions, as well as complete an approved practicum project. The objectives of the course are to help students to integrate, synthesize, and apply the knowledge and skills from their coursework to a real world public health problem or issue, explore a substantive public health topic that is of interest to them, enhance the competencies and skills students need to function in a professional public health setting, and engage in professional self-assessment and critical reflection._
Health Policy Elective

MPH-65 HM students must take at least 2.5 credits in health policy. Approved courses are listed below:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HPM 206</td>
<td>Economic Analysis</td>
<td>5.0</td>
</tr>
<tr>
<td>HPM 210</td>
<td>United States Health Policy</td>
<td>2.5</td>
</tr>
<tr>
<td>HPM 213</td>
<td>Public Health Law</td>
<td>2.5</td>
</tr>
<tr>
<td>HPM 235</td>
<td>Managing Health Care Costs</td>
<td>2.5</td>
</tr>
<tr>
<td>HPM 247</td>
<td>Political Analysis and Strategy for U.S. Health</td>
<td>5.0</td>
</tr>
<tr>
<td>HPM 255</td>
<td>Payment Systems in Health Care</td>
<td>2.5</td>
</tr>
<tr>
<td>HPM 543</td>
<td>Quantitative Methods in Program Evaluation</td>
<td>2.5</td>
</tr>
<tr>
<td>RDS 280</td>
<td>Decision Analysis for Health and Medical Practices</td>
<td>2.5</td>
</tr>
</tbody>
</table>

SECTION 3: Electives (15 credits)

Students are free to choose electives from the previous list of health policy elective courses or from other elective courses at the Harvard Chan School. Students also have the additional option of cross-registering for graduate-level courses at other Harvard Graduate Schools, MIT, or Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy.

Electives that may be of interest to students in the Health Management field of study are grouped by areas of focus below:

**Finance**

HPM 222 [Spring 2]  
Financial Management of Health Care Organizations 2.5

**Insurance and Payment**

HPM 255 [Spring 2]*  
Payment Systems in Health Care 2.5

**Leadership**

HPM 554 [Spring 1]  
Leadership in Public Health: From Theory to Action 2.5

**Marketing**

HPM 226 [Spring 1]  
Consumers, Corporations, and Public Health 2.5

**Negotiation**

HPM 252 [Spring 2]  
Negotiation 2.5
HPM 278 [Spring 2]  
Skills & Methods of Health Care Negotiation & Conflict Resolution 1.25

**Public Speaking**

HPM 223 [Fall 2] or [Spring 2]  
Public Speaking for Managers 1.25

**Social Entrepreneurship**

HPM 251 [Spring]  
Social Entrepreneurship and Innovation Lab (SE Lab) for U.S. and Global Health 5.0

*Also fulfills health policy elective requirement
### MPH-65 Health Management Degree Requirements

<table>
<thead>
<tr>
<th>MPH Program-Wide Public Health Core Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biostatistics &amp; Epidemiology</td>
<td>7.5</td>
</tr>
<tr>
<td>Integrated Public Health Core*</td>
<td>5.0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>12.5 credits</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MPH-65 Health Management – Field of Study Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leadership</td>
<td>2.5</td>
</tr>
<tr>
<td>Financial Analysis/Management Control</td>
<td>5.0</td>
</tr>
<tr>
<td>Health Care Information Technology Management</td>
<td>2.5</td>
</tr>
<tr>
<td>Operations/Process Improvement</td>
<td>7.5</td>
</tr>
<tr>
<td>Organizational Behavior I &amp; II</td>
<td>5.0</td>
</tr>
<tr>
<td>Marketing</td>
<td>2.5</td>
</tr>
<tr>
<td>Strategy</td>
<td>2.5</td>
</tr>
<tr>
<td>Innovation</td>
<td>2.5</td>
</tr>
<tr>
<td>Data Analysis</td>
<td>2.5</td>
</tr>
<tr>
<td>Health Policy Elective</td>
<td>2.5</td>
</tr>
<tr>
<td>Practice and Culminating Experience</td>
<td>2.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>37.5 credits</strong></td>
</tr>
</tbody>
</table>

| Electives                                             | 15 credits** |

| Total Requirements                                    | 65 credits |

*Students in the MPH-65 Health Management field of study will take a 5-credit integrated MPH core course, **ID 216, Critical Thinking and Action for Public Health Professionals**, in fall 2017. For MPH-HM, this course will fulfill the Environmental Health, Social and Behavioral Sciences, and Ethics core requirements. The Health Services Administration core is included in the Health Management field of study requirements.

**For students who begin their degree program in August 2016 and after:** MPH-65 students will be assessed a flat tuition charge per semester based on degree program and full- or part-time status that will include all registration for that semester. Students may elect to complete additional credits beyond the required 65, but must use them during their enrollment in the MPH degree program and may not use the additional credits to extend their expected graduation date.
HEALTH POLICY FIELD OF STUDY: MPH-65

Students in the Health Policy (HP) field of study develop skills in applying economic, legal, and political analysis to the design, implementation, and evaluation of health care and public health policies. Through the study of biostatistics, epidemiology, and other quantitative disciplines, they also acquire skill in interpreting and evaluating scientific evidence to inform their policy work. Students are encouraged to choose elective courses that will help them develop an area of interest and expertise, such as access to care, health care quality, pharmaceutical policy, injury prevention, or health care financing.

This field of study prepares those early in their careers for policy positions in the public, nonprofit, or private sectors, working with policymakers as policy analysts, advocates, or consultants in public health and health care organizations.

Curriculum
The curriculum for the health policy field of study consists of the required school-wide core courses in public health as well as required courses in economics, U.S. health policy, political analysis and strategy, and analytical methods. Students must also complete an approved practicum and culminating experience project. Students have some credits available for elective courses, which may be taken at the Harvard Chan School or by cross-registering at other Harvard Graduate Schools, MIT, or Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy.

HEALTH POLICY DEGREE COMPETENCIES: MPH-65

Through coursework and field experiences, students in the Health Policy field of study will develop competencies in four domains: Knowledge of the U.S. Health Care System, Policy Disciplinary Perspectives, Analytical Methods, and Communication.

Upon successful completion of the program, students will be able to:

Knowledge of the U.S. Health Care System

- Assess the health care and public health policy sectors in the U.S. in terms of the major players and their relationships and agendas.
- Define the major public health policy challenges facing the United States and other high income countries.
- Assess how the structure, organization, delivery, and financing of the U.S. health care system affect system performance in terms of efficiency, quality, equity, and effectiveness.
- Analyze the key relationships between the public health and health care systems in the U.S., and how the interaction between the two systems affects population health.
- Compare and contrast the major structural features and performance of the U.S. health care system and the health care systems in other countries, including organization, financing, delivery, and regulation.

Policy Disciplinary Perspectives

- Evaluate policy options to address health policy challenges facing the U.S., including economic, legal, and political implications.
- Recommend a course of action for addressing a health policy challenge, including the likely impact on efficiency, quality, effectiveness, costs, and equity.
- Design an effective political strategy to achieve a desired health policy outcome.
Integrate disciplinary perspectives and methods to address a specific health policy issue or problem.

Analytical Methods

- Assess the quality of research findings and their applicability to a particular health policy issue.
- Assess strengths and weaknesses of the major sources of data on health and health care in the U.S.
- Develop a plan for a basic empirical analysis of a health policy question, from data acquisition, data cleaning, to method selection, application, and interpretation of results.

Communication

- Prepare professional quality health policy memos and health policy reports informed by skillful use of evidence and appropriate to the audience(s).
- Deliver effective oral presentations on health policy topics that are appropriate to their purpose and audience.
- Present a persuasive argument for a policy approach to address a complex health policy challenge to both professional and lay audiences.

SECTION 1: MPH Program-Wide Public Health Core Requirements (12.5 – 15 credits)

(i) Biostatistics and Epidemiology 7.5 credits

ID 201 [Fall]* Core Principles of Biostatistics and Epidemiology for Public Health Practice
or
Other Approved Options as Appropriate (see pages 7-8)

*This integrated course will fulfill both the Biostatistics and Epidemiology core requirements.

Other Public Health Core: 5 – 7.5 credits

(ii) Environmental Health Sciences
(iii) Health Services Administration**
(iv) Social and Behavioral Sciences
(v) Ethics of Public Health Practice

The School is piloting a new 5-credit integrated MPH core course in fall 2016, ID 216, Critical Thinking and Action for Public Health Professionals. Some students will take this new integrated course (see p. 15 for more information). Other students will take the individual public health core courses separately (see pages 9-13 for approved options).

**The Health Services Administration core is included in the Health Policy field of study requirements.
SECTION 2: MPH-65 Health Policy – Field of Study Requirements (32.5 credits)

MPH-65 Health Policy students must complete the following field of study-specific requirements:

1. **Knowledge of the U.S. Health Care System**
   - HPM 210 [1st year; Fall 1] United States Health Policy 2.5

2. **Policy Disciplinary Perspectives**
   - HPM 206 [1st year; Fall]* Economic Analysis 5.0
   - HPM 247 [Spring] Political Analysis and Strategy for U.S. Health Policy 5.0
   - (Select one of the approved options below):
     - HPM 211 [Fall 2] The Health Care Safety Net and Vulnerable Populations 2.5
     - HPM 213 [Spring 2] Public Health Law 2.5
     - HPM 520 [Fall 2] Organizing Consumer and Community Interests in the Health System 2.5
     - HPM 544 [Spring 2] The Law and Clinical Medicine 1.25

   *Fulfills Health Services Administration core requirement

3. **Analytical Methods**
   - HPM 543 [Spring 2] Quantitative Methods in Program Evaluation 2.5
   - RDS 280 [Fall 2] Decision Analysis for Health and Medical Practices 2.5

   One additional analytical methods course (at least 2.5 credits) from the list of approved options below:**

   Any RDS course (RDS 280, 282, 284, 285)
   - Any intermediate or advanced biostatistics or epidemiology course offered at Harvard Chan (beyond ID 201, BST 201, and EPI 201/202)
   - GHP 504 [Spring 1] Qualitative Research Methods for Global Health 2.5
   - GHP 525 [Fall] Econometrics for Health Policy 5.0
   - HPM 242 [Spring 1] Data Analysis for Professionals 2.5
   - SBS 281 [Fall 2] Principles of Social and Behavioral Research 2.5
   - HGSE EDU S052 [Spring] Applied Data Analysis

   **Other analytical methods courses can be approved to satisfy this requirement with the permission of the Health Policy field of study leaders (for MPH-65 HP: Nancy Turnbull).

4. **Leadership**
   - 2.5 credits from the list below or other approved option.*
     - HPM 245 [Winter] Public Health Leadership Skills 2.5
     - HPM 252 [Spring 2] Negotiation 2.5
     - HPM 539 [Spring 2] Health Care Organizations & Organizational Behavior 2.5
     - HPM 554 [Spring 1] Leadership in Public Health: From Theory to Action 2.5

   *Other leadership courses can be approved to satisfy this requirement with the permission of the Health Policy field of study leaders (for MPH-65 HP: Nancy Turnbull).
5. **Depth in Specific Policy Area of Interest**

MPH-65 HP students also are required to take 5 credits of focused coursework in order to gain depth in a specific policy issue, population group, or a policy discipline. See list below.

6. **Practice and Culminating Experience**

   HPM 290 [Spring] Practice & Culminating Experience for Health Policy 5.0
   and [2nd year; Fall]  

   *HPM 290 is the practice and culminating experience for the health policy field of study. Students are required to complete a project with an outside organization or agency and attend various class sessions. The objectives of the course are to help students to integrate, synthesize, and apply the knowledge and skills from their coursework to a real world public health problem or issue, explore a substantive public health topic that is of interest to them, enhance the competencies and skills students need to function in a professional public health setting, and engage in professional self-assessment and critical reflection.*

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### Policy Areas of Interest

MPH-65 HP students also are required to take 5 credits of focused coursework in order to gain depth in a specific policy issue, population, or discipline. Some areas of interest and related courses are listed below:

<table>
<thead>
<tr>
<th><strong>Decision Sciences</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>RDS 282 [Spring 2] Economic Evaluation of Health Policy and Program Mgmt. 2.5</td>
</tr>
<tr>
<td>RDS 284 [Fall] Decision Theory 5.0</td>
</tr>
<tr>
<td>RDS 285 [Spring 1] Decision Analysis Methods in Public Health and Medicine 2.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Global Health Policy</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>GHP 244 [Fall 2]* Health Sector Reform: A Worldwide Perspective 2.5</td>
</tr>
<tr>
<td>GHP 269 [Spring 2]* The Political Economy of Global Health 2.5</td>
</tr>
<tr>
<td>GHP 272 [Fall]* Foundations of Global Health and Population 5.0</td>
</tr>
<tr>
<td>ID 552 [Fall 2]* Innovation and Global Health Systems 2.5</td>
</tr>
<tr>
<td>(*Space is limited)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Health Care Payment and Financing</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>HPM 235 [Fall 2] Managing Health Care Costs 2.5</td>
</tr>
<tr>
<td>HPM 255 [Spring 2] Payment Systems in Health Care 2.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Health Economics</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>HPM 227 [Fall] The Economics of Health Policy 5.0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Mental Health</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>EPI 217 [Fall 1] Epidemiology of Adult Psychiatric Disorders 2.5</td>
</tr>
<tr>
<td>SBS 219 [Spring 2] High-Risk Behavior: Epidemiology and Prevention Strategies 2.5</td>
</tr>
<tr>
<td>SBS 504 [Fall 1] Substance Abuse and Public Health 2.5</td>
</tr>
<tr>
<td>WGH 210 [Fall 2] Women, Gender, and Health: Critical Issues in Mental Health 1.25</td>
</tr>
<tr>
<td>WGH 304 [Fall 2]** Issues in Mental Health – Independent Study 1.25</td>
</tr>
<tr>
<td>(<strong>Also requires enrollment in WGH 210)</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Quality and Patient Safety</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>EPI 209 [Winter] Epidemiologic Methods for Patient Safety and Quality 1.25</td>
</tr>
<tr>
<td>HPM 268 [Spring 2] Methods and Tools for Quality Improvement 2.5</td>
</tr>
<tr>
<td>HPM 516 [Spring 2] Health Care Quality and Safety 2.5</td>
</tr>
<tr>
<td>SBS 505 [Spring 2] Quality Improvement and Child Health 2.5</td>
</tr>
</tbody>
</table>
Vulnerable Populations and Disparities
HPM 211 [Fall 2] The Health Care Safety Net and Vulnerable Populations 2.5
HPM 520 [Fall 2] Organizing Consumer and Community Interests in the Health System 2.5
SBS 207 [Spring 1] Race, Ethnicity, and Health 2.5
SBS 513 [Spring 2] Measuring and Reporting Health Disparities 2.5

Women, Children, and Families
SBS 246 [Spring 1] Issues in Maternal and Child Health Programs and Policies 2.5
WGH 207 [Spring 2] Advanced Topics in Women, Gender, and Health 1.25

*Other related courses for the areas of interest noted above and other areas of interest and can be approved with the permission of the Health Policy field of study leaders (for MPH-65 HP: Nancy Turnbull).

SECTION 3: Electives (17.5 – 20 credits)

Students are free to choose electives from the previous list of courses or from other elective courses at the Harvard Chan School. Students also have the additional option of cross-registering for graduate-level courses at other Harvard Graduate Schools, MIT, or Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy.
### MPH-65 Health Policy Degree Requirements

<table>
<thead>
<tr>
<th>MPH Program-Wide Public Health Core Requirements</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biostatistics &amp; Epidemiology</td>
<td>7.5</td>
</tr>
<tr>
<td>Other Public Health Core*</td>
<td>5 – 7.5</td>
</tr>
<tr>
<td></td>
<td>12.5 – 15 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MPH-65 Health Policy – Field of Study Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States Health Policy</td>
</tr>
<tr>
<td>Economic Analysis</td>
</tr>
<tr>
<td>Political Analysis &amp; Strategy</td>
</tr>
<tr>
<td>Policy Disciplinary Perspectives additional course</td>
</tr>
<tr>
<td>Two Analytical Methods courses</td>
</tr>
<tr>
<td>Leadership course</td>
</tr>
<tr>
<td>Electives in Policy Area of Interest</td>
</tr>
<tr>
<td>Practice and Culminating Experience</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electives</th>
<th>17.5 – 20 credits**</th>
</tr>
</thead>
</table>

| Total Requirements                               | 65 credits          |

*The School is piloting a new 5-credit integrated MPH core course in fall 2016, ID 216, Critical Thinking and Action for Public Health Professionals. Some students will take this new integrated course (see p. 15 for more information). Other students will take the individual public health core courses separately (for MPH-HP, 2.5 credits in Environmental Health, 2.5 credits in Social and Behavioral Sciences, and 2.5 credits in Ethics or completion of the alternative non-credit option – see pp. 9-13). The Health Services Administration core is included in the Health Policy field of study requirements.

**For students who begin their degree program in August 2016 and after**: MPH-65 students will be assessed a flat tuition charge per semester based on degree program and full- or part-time status that will include all registration for that semester. Students may elect to complete additional credits beyond the required 65, but must use them during their enrollment in the MPH degree program and may not use the additional credits to extend their expected graduation date.
HEALTH AND SOCIAL BEHAVIOR FIELD OF STUDY: MPH-65

The Health and Social Behavior (HSB) field of study is devoted to understanding health disparities and promoting health. Coursework emphasizes theoretical and analytic strategies for characterizing health problems in populations and the development of interventions. In addition, communication, advocacy, and policy formation in the public sector are addressed. Beyond the MPH core requirements, students are encouraged to develop expertise in a focus area and select either social determinants of health and disparities or planned social change. Guidance is provided to develop a more in-depth understanding of specific health problems and vulnerable groups.

This field of study prepares those early in their careers to work in diverse spheres, including federal, state, and local government; advocacy groups; voluntary health organizations; and community-based settings in the United States and other countries.

Curriculum
The curriculum for the health and social behavior field of study consists of the required school-wide core coursework in public health as well as required field of study-specific courses. All students must take an introductory society and health course, and then complete required coursework in one of two tracks: social determinants of health and disparities, or planned social change. The curriculum in each track includes required coursework both in theory and concepts and in applied methods and skills. Students must also complete an approved practicum and culminating experience project. Students have some credits available for elective courses, which may be taken at the Harvard Chan School or by cross-registering at other Harvard Graduate Schools, MIT, or Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy.

HEALTH AND SOCIAL BEHAVIOR DEGREE COMPETENCIES: MPH-65

Common Competency for Both Tracks
- Integrate disciplinary perspectives and methods to address a specific health and social behavior issue or problem

Track-Specific Competencies

Social Determinants of Health and Disparities Track
Upon successful completion of the track requirements, students will be able to:
- Analyze how social and behavioral factors determine health
- Analyze the role of social and behavioral factors in creating disparities
- Use concepts related to social determinants and disparities to inform data collection, measurement, and approaches
- Compare and contrast approaches to measuring disparities
- Develop inquiries that examine social determinants and disparities

Planned Social Change Track
Upon successful completion of the track requirements, students will be able to:
- Apply the theories underlying behavioral and social change to the development of interventions, including community organizing
- Analyze the context of change, including community and culture, and how that influences outcomes
- Demonstrate how to use a range of strategies for effecting change from individual programs, behavioral economics, policy, and communication
- Develop the elements of evaluation of interventions in context
(i) Biostatistics and Epidemiology

ID 201 [Fall]*

Core Principles of Biostatistics and Epidemiology for Public Health Practice

or

Other Approved Options as Appropriate (see pages 7-8)

*This integrated course will fulfill both the Biostatistics and Epidemiology core requirements.

Other Public Health Core:

(ii) Environmental Health Sciences
(iii) Health Services Administration
(iv) Social and Behavioral Sciences**
(v) Ethics of Public Health Practice

The School is piloting a new 5-credit integrated MPH core course in fall 2016, ID 216, Critical Thinking and Action for Public Health Professionals. Some students will take this new integrated course (see p. 15 for more information). Other students will take the individual public health core courses separately (see pages 9-13 for approved options).

**The Social and Behavioral Sciences core is included in the Health and Social Behavior field of study requirements.
**SECTION 2: MPH-65 Health and Social Behavior – Field of Study Requirements**

(35 credits)

MPH-65 Health and Social Behavior students must complete the following field of study-specific requirements. (Please note that some courses currently offered in the spring semester will be moved to the fall semester in the 2017-18 academic year.)

1. **Society and Health** (course must be taken for an ordinal grade)
   
   SBS 201 [1st year; Fall 1]*
   
   Society and Health 2.5
   
   *Fulfills Social and Behavioral Sciences core requirement

2. HSB students must select either the **Social and Determinants of Health and Disparities track** or the **Planned Social Change track**:

   **Track #1: Social Determinants of Health and Disparities** (all courses must be taken for an ordinal grade)

   a. **Theory and Concepts** (select one of the approved options below):
      
      SBS 207 [Spring 1]  Race, Ethnicity, and Health 2.5
      or
      SBS 254 [Spring 2]  Social Disparities, Stress, and Health 2.5
      or
      SBS 506 [Fall 1]  An Intro. to History, Politics, & Public Health: Theories of Disease Distribution & Health Inequities 2.5

   b. **Applied/Methods/Skills** (select one of the approved options below)
      
      SBS 281 [Fall 2]  Principles of Social and Behavioral Research 2.5
      or
      SBS 513 [Spring 2]  Measuring and Reporting Health Disparities 2.5

   **Track #2: Planned Social Change** (all courses must be taken for an ordinal grade)

   a. **Theory and Concepts** (select one of the approved options below):
      
      SBS 503 [Spring 2]  Explaining Health Behavior: Insights from Behavioral Economics 2.5
      or
      SBS 520 [Fall 1]  Using Public Health Theories to Solve Community Health Problems 2.5

   b. **Applied/Methods/Skills** (select one of the approved options below):
      
      SBS 265 [Spring 2]  Program Planning: Design and Evaluation 2.5
      or
      SBS 501 [Spring 2]  Community-Based Participatory Action Research 2.5
      or
      SBS 508 [Fall 2]  Successes and Challenges in Health Behavior Change 2.5
      or
      SBS 509 [Spring 1]  Health Communication in the 21st Century 2.5
3. **Higher-Level SBS Courses in Chosen Track**

MPH-65 HSB students must take 15 additional **ordinal** credits from the following higher-level SBS course offerings in their chosen track.

**Track #1: Social Determinants of Health and Disparities:**

15 additional credits from courses listed below:

- SBS 207 [Spring 1] Race, Ethnicity, and Health 2.5
- SBS 208 [Fall 2] Adolescent Health 2.5
- SBS 219 [Spring 2] High Risk Behavior: Epidemiology and Prevention Strategies 2.5
- SBS 220 [Spring] Society and Its Effects on Child Health 2.5
- SBS 254 [Spring 2] Social Disparities, Stress, and Health 2.5
- SBS 281 [Fall 2] Principles of Social and Behavioral Research 2.5
- SBS 288 [Fall 1] Qualitative Research Methods in Public Health 2.5
- SBS 296 [Fall] Leadership in Minority Health Policy 2.5
- SBS 506 [Fall 1] An Intro. to History, Politics, & Public Health: Theories of Disease Distribution & Health Inequities 2.5
- SBS 513 [Spring 2] Measuring and Reporting Health Disparities 2.5
- SBS 519 [Spring 2] Patient-Centered Communication & Health Equity – Challenges & Opportunities in the Digital Era 2.5
- WGH 220 [Spring 1] Sexuality and Public Health 2.5
- WGH 250 [Winter] Embodying Gender: Public Health, Biology, & the Body Politic 2.5

**Track #2: Planned Social Change:**

15 additional credits from courses listed below:

- SBS 214 [Spring] Developmental Disabilities II: Values, Policy, and Change 2.5
- SBS 222 [Spring 1] Social Services for Children, Adolescents, and Families 2.5
- SBS 231 [Spring 1] Community Intervention Research Methods 2.5
- SBS 246 [Spring 1] Issues in Maternal and Child Health Programs and Policies 2.5
- SBS 288 [Fall 1] Qualitative Research Methods in Public Health 2.5
- SBS 299 [Fall] Driving Science-Based Innovation in Early Childhood Practice and Policy 5.0
- SBS 501 [Spring 2] Community-Based Participatory Action Research 2.5
- SBS 503 [Spring 2] Explaining Health Behavior: Insights from Behavioral Economics 2.5
- SBS 504 [Fall 1] Substance Abuse and Public Health 2.5
- SBS 508 [Fall 2] Successes and Challenges in Health Behavior Change 2.5
- SBS 511 [Winter] Social Policy and Health in International Perspective 2.5
- SBS 515 [Winter] Health Literacy: Measuring Accessibility of Health Information 1.25
- SBS 519 [Spring 2] Patient-Centered Communication & Health Equity – Challenges & Opportunities in the Digital Era 2.5
- SBS 520 [Fall 1] Using Public Health Theories to Solve Community Health Problems 2.5
- SBS 550 [Winter] Program Evaluation 2.5

4. **Higher-Level SBS Electives**

MPH-65 HSB students also are required to take 10 credits of elective coursework from higher-level SBS course offerings. Please note that 7.5 of the required 10 credits must be taken for an ordinal grade. Students may choose from any higher-level course offered in either track. See list of higher-level SBS courses listed on previous page.
5. **Practice and Culminating Experience** (course must be taken for an ordinal grade)  
TBD [Summer] Practice & Culminating Experience for Health and Social Behavior  
and [2nd year; Fall]  

The practice and culminating experience component of the program requires a fieldwork experience to be undertaken during the summer after the first year of study. Each student develops and participates in an individualized field practice. The culminating experience is a written paper submitted at the end of the third semester of study.

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**SECTION 3: Electives (15 – 17.5 credits)**

Students are free to choose electives from the previous list of higher-level SBS course offerings or from other elective courses at the Harvard Chan School. Students also have the additional option of cross-registering for graduate-level courses at other Harvard Graduate Schools, MIT, or Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy.

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**Please note:** Students in HSB who are funded through the Maternal and Child Health (MCH) training grant MUST meet with Trish Lavoie at the beginning of the fall term to ensure that they meet the requirements of the training grant.

Trish Lavoie  
MCH Coordinator  
Department of Social and Behavioral Sciences  
Kresge 624A  
Phone: 617-432-0964  
Email: tlavoie@hsph.harvard.edu
# MPH-65 Health and Social Behavior Degree Requirements

## MPH Program-Wide Public Health Core Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biostatistics &amp; Epidemiology</td>
<td>7.5</td>
</tr>
<tr>
<td>Other Public Health Core*</td>
<td>5 – 7.5</td>
</tr>
<tr>
<td></td>
<td><strong>12.5 – 15 credits</strong></td>
</tr>
</tbody>
</table>

## MPH-65 Health and Social Behavior – Field of Study Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Society and Health</td>
<td>2.5</td>
</tr>
<tr>
<td>Theory and Concepts course in chosen track</td>
<td>2.5</td>
</tr>
<tr>
<td>Applied/Methods/Skills course in chosen track</td>
<td>2.5</td>
</tr>
<tr>
<td>Higher-Level SBS courses in chosen track</td>
<td>15.0</td>
</tr>
<tr>
<td>Higher-Level SBS electives</td>
<td>10.0</td>
</tr>
<tr>
<td>Practice and Field Experience</td>
<td>2.5</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>35 credits</strong></td>
</tr>
</tbody>
</table>

## Electives

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>15 – 17.5 credits**</td>
</tr>
</tbody>
</table>

## Total Requirements

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td><strong>65 credits</strong></td>
</tr>
</tbody>
</table>

*The School is piloting a new 5-credit integrated MPH core course in fall 2016, ID 216, Critical Thinking and Action for Public Health Professionals. Some students will take this new integrated course (see p. 15 for more information). Other students will take the individual public health core courses separately (for MPH-HSB, 2.5 credits in Environmental Health, 2.5 credits in Health Services Administration, and 2.5 credits in Ethics or completion of the alternative non-credit option – see pp. 9-13). The Social and Behavioral Sciences core is included in the Health and Social Behavior field of study requirements.

**For students who begin their degree program in August 2016 and after:** MPH-65 students will be assessed a flat tuition charge per semester based on degree program and full- or part-time status that will include all registration for that semester. Students may elect to complete additional credits beyond the required 65, but must use them during their enrollment in the MPH degree program and may not use the additional credits to extend their expected graduation date.
REGISTRATION INFORMATION

ALL STUDENTS

Registration
In order to pre-register or register for classes, students must pay their Harvard Chan School bill in full.2* Students are billed in July for the fall semester and in November for the spring semester. Students whose bills are not paid in a timely fashion will be blocked from pre-registration and registration.

Fees
A Student Health Insurance Plan (SHIP) fee and a Student Health Fee (SHF) are charged each semester.

Credits
If adjusting your credit load, you should be sure to check with:
   a. Registrar’s Office: regarding health insurance. All students are billed for the Student Health Insurance Plan (SHIP) fee and the Student Health Fee (SHF), regardless of their credit loads. Students may waive the SHIP fee under certain circumstances. Students who are registered for 10 credits or less may request to waive the SHF fee. For any questions regarding fee waiver eligibility, please visit http://hushp.harvard.edu/waive
   b. Office of Financial Aid: regarding potential financial aid adjustments (such as federal loans) and billing changes
   c. Office of Education (OED)/MPH Program Office: regarding requirements

Deadlines
Students are responsible for knowing and meeting all deadlines. The School’s academic calendar is posted on the Registrar’s website. All students are expected to regularly read their Harvard email.

Leave of Absence
Please refer to the Leave of Absence section in the Student Handbook: www.hsph.harvard.edu/student-handbook

Tuition
Please refer to the Tuition and Fees section in the Student Handbook: www.hsph.harvard.edu/student-handbook

INTERNATIONAL STUDENTS
International students who are on a student visa may not be part-time. However, special rules may apply in the very last semester of a student’s degree program. Please check with the Harvard International Office (HIO) and with the Registrar’s Office for these guidelines.

2*For any questions about student billing, please visit the Student Billing website or contact the Registrar’s Office.
GENERAL POLICY ON WINTER SESSION

All MPH students must follow MPH Winter Session guidelines. Departmental guidelines cannot be substituted. General information on Winter Session can be found at:
www.hsph.harvard.edu/registrar/winter-session

A. In general, full-time MPH students are expected to participate in activities that will enhance the student’s academic experience. Because the nature of these experiences is broad, the following are some of the activities that would be appropriate:

- Courses on campus – These may be credit or non-credit courses at the Harvard Chan School or at other Harvard Graduate Schools or MIT
- Online courses (non-credit)
- Domestic or international field study (for-credit or non-credit)
- Independent study (for-credit or non-credit)
- Independent work/research/field study (including practicum related activities)
- Research work (Note: Human Subjects Committee approval may be needed; verify with advisor)
- Site visits relevant to career opportunities
- Volunteer work in the community

B. Every full-time MPH student is required to submit an electronic form describing the nature of the student’s Winter Session activities.

C. Any Winter Session courses taken for credit will be added to the student’s spring credit totals.

D. Part-time students are not required to participate in Winter Session activities.

E. Students who will be traveling abroad should register their trip with the Harvard Travel Registry. Registration is required for all students traveling on trips funded or arranged by Harvard University, for students traveling as part of their required practicum, and strongly recommended for everyone. To register your travel itinerary, visit www.traveltools.harvard.edu
INTERDISCIPLINARY CONCENTRATIONS

The Harvard T.H. Chan School of Public Health offers a variety of interdisciplinary or interdepartmental concentrations. These programs offer students the opportunity to obtain an additional focus in a particular area that requires knowledge and skills from several fields. **Please note:** These interdisciplinary concentrations do not replace or substitute for the MPH program and the field of study to which you were admitted. Students wishing to pursue an interdisciplinary concentration should review the requirements of the MPH program and of their designated field of study to determine if the requirements of the interdisciplinary concentration fit the requirements of their MPH program. MPH students may find that they can fulfill some, but not all, of the requirements of an interdisciplinary concentration. Planning an appropriate schedule is the responsibility of each student with guidance from the student’s academic advisor, the interdisciplinary concentration coordinator, and the Office of Education/MPH Program Office.

**Please note:** Students who fulfill an interdisciplinary concentration receive a letter stating that they have completed the requirements for the interdisciplinary concentration. The diploma only states the award of the MPH degree. This concentration does not appear on the student’s diploma or transcript. Overall, students should plan their schedules to gain strong skills and focus on developing strengths in their areas of interest.

**Interdisciplinary Concentration in Public Health Leadership**

This interdisciplinary concentration was developed to improve the leadership skills of students in order to meet the public health challenges facing society in the 21st century. The concentration is geared toward students who desire careers in leading and implementing transformative public health initiatives. The curriculum focuses on theories, models, and skills that will enable students to enter or reenter the public health profession and assume positions of responsibility with confidence and authority. Students explore areas of leadership development through coursework, experiential workshops, hands-on experience, and reflection. As the concentration does not offer a degree, prospective students must apply to a degree program offered by the Harvard T.H. Chan School of Public Health. Students must fulfill the requirements of their degree program and the requirements of the concentration, which include the core courses and workshops in public health leadership.

Contact Information
Email: PHL@hsph.harvard.edu
Web: http://hsph.me/PHL

**Interdisciplinary Concentration in Humanitarian Studies, Ethics, and Human Rights**

Humanitarian emergencies, natural and man-made, have cataclysmic public health implications for communities and especially for the most vulnerable populations. The increasing complexity of humanitarian crises has raised the stakes for providing in-depth and effective training for those who participate in relief and development efforts. This concentration provides an organized program of study that focuses on the normative underpinnings and practice of humanitarian response. The curriculum covers a broad range of areas including human rights, international humanitarian law, civilian protection, disaster response, coordinated aid, crisis dynamics, sector-based assistance, health and human security of internally displaced people, geopolitical context, monitoring and evaluation, strategic planning, situation analysis, and ethics and standards. Upon completion, students are prepared to assume research, leadership, and managerial roles within the humanitarian and human rights community.

Contact Information
Email: hah@harvard.edu
Web: www.hsph.harvard.edu/husehr
INTERDISCIPLINARY CONCENTRATIONS

Interdisciplinary Concentration in Nutrition and Global Health

The Nutrition and Global Health concentration builds upon a strong base of ongoing research, teaching, collaborative work, and training in nutrition and global health at the Harvard T.H. Chan School of Public Health. The concentration has four participating departments—Nutrition, Global Health and Population, Epidemiology, and Social and Behavioral Sciences—together with the involvement of the François-Xavier Bagnoud Center for Health and Human Rights and the Harvard Humanitarian Initiative. An interdisciplinary approach to teaching and research is taken to explore the effects of nutrition on human and economic development; nutrition in humanitarian crisis situations; and the dynamic interplay between epidemiologic, nutritional, and demographic transitions around the globe. The concentration is dedicated to research that stresses integrative problem solving and evaluation approaches to global health challenges, with a focus on low- and middle-income countries.

Contact: Chelsey Canavan and/or Makenzie Keene
Email: ccanavan@hsph.harvard.edu; mkeene@hsph.harvard.edu
Web: www.hsph.harvard.edu/nutrition-and-global-health

Interdisciplinary Concentration in Women, Gender, and Health

This interdisciplinary concentration is geared toward students who desire careers in research, teaching, and programs related to women, gender, and health. Addressing issues of women, gender, and health (WGH) requires the study of the health of women and girls — and men and boys — throughout the life course; gender, gender equality, and biology must be understood as important and interacting determinants of well-being and disease. Areas of study also include gender and gender inequality in relation to individuals’ treatment by and participation in health and medical care systems; the physical, economic, and social conditions in which individuals live; and their ability to promote the health of their families, their communities, and themselves. Inherent in these studies is the protection of human rights as fundamental to health and the recognition of diversity and inequality among women — and men — in relation to race/ethnicity, nationality, class, sexuality, and age. As the concentration does not offer a degree, prospective students must apply to a degree program in one of the participating departments or fields of study in school-wide programs such as the MPH program. Students must fulfill the requirements of the home department or field of study within a school-wide program, which issues the degree, and the requirements of the concentration, which include core courses in women, gender, and health; gender analysis; and women’s health.

Contact: Tara Kelly
Email: wgh@hsph.harvard.edu
Web: www.hsph.harvard.edu/wgh
INTERDISCIPLINARY CONCENTRATIONS

Interdisciplinary Concentration in Maternal and Child Health/Children, Youth, and Families

The goal of this concentration is to improve the health of children and their families through educating leaders in maternal and child health/children, youth, and families (MCH/CYF). This interdepartmental concentration is geared toward students who desire careers in public health programs for children and their families, and those interested in research and/or teaching in this area. The curriculum focuses on the health problems of the target population, programmatic and policy responses, appropriate research techniques, and specific leadership skills in courses in the four participating departments: Social and Behavioral Sciences, Global Health and Population, Nutrition, and Epidemiology. The MCH/CYF concentration consists of four areas of study: human development and disparities in health, child rights and global health, physical growth and nutrition, and characterization of the health problems of children and their families. As the concentration does not offer a degree, prospective students must apply to a department-based degree program or a field of study in a school-wide program such as the MPH program and must complete the requirements for both the academic program and the concentration. The number of required credits for the concentration ranges from 7.5 to 10, depending on the student’s degree program.

Contact: Trish Lavoie
Email: tlavoie@hsph.harvard.edu
Web: www.hsph.harvard.edu/mch-cyf-concentration

Interdisciplinary Concentration in Epidemiology of Infectious Disease

This interdisciplinary concentration has a well-established multidisciplinary approach, with a transdepartmental foundation for education and research that includes the Departments of Biostatistics, Epidemiology, Global Health and Population, Health Policy and Management, and Immunology and Infectious Diseases. These departments participate in the interdisciplinary concentration in the epidemiology of infectious disease, which focuses on population studies incorporating both epidemiologic and laboratory methods of addressing global infectious disease. This concentration is intended to provide training for those students who desire careers in research and teaching in infectious disease. As the concentration is a non-degree program, prospective students must apply to a program in one of the participating departments or fields of study in school-wide programs such as the MPH program, which will issue the degree. Upon matriculation, students may elect to participate in this concentration. Students are responsible for fulfilling the requirements of the academic program within the home department or field of study within a school-wide program in addition to the requirements of the concentration. Students who complete the required 15 credits receive a letter of completion.

Contact Information
Email: IDEPI@hsph.harvard.edu
Web: www.hsph.harvard.edu/idepi

Departmental Concentration in Health Communication

The Health Communication Concentration (HCC) is a concentration housed within the Department of Social and Behavioral Sciences. HCC welcomes MPH students from other fields of study. HCC prepares students who are interested in health communication to apply rigorous, theory-based research and methods to health and risk communication and to apply and evaluate health communication technologies.

Through coursework and practical experience, HCC provides a rich mix of conceptual, analytical, and applied competencies to understand the role of mass media institutions in public health, to be a critical consumer of health communication literature, and to obtain skills in using communication to promote public health policy and practice.

Contact Information
Web: www.hsph.harvard.edu/health-communication
SEMINARS AND OPPORTUNITIES

There are numerous seminars and opportunities to learn more about particular areas of interest. Listed here are a few held at the Harvard T.H. Chan School of Public Health.

STUDENT VOICES

For information on Student Voices, an interesting and interactive health forum held every Wednesday from 12:30-1:30 PM, please take notice of postings around the School and check the daily student news email.

EPI SEMINAR SERIES

The Department of Epidemiology presents a lunchtime Epi Seminar Series throughout the academic year, covering a different concentration area within epidemiology and public health. All seminars are open to the public and take place on Wednesdays from 12:30-1:30 PM in Kresge 502 unless otherwise stated. Please contact Coppelia Liebenthal at cliebent@hsph.harvard.edu for more information.

GLOBAL HEALTH AND POPULATION BROWN BAG SEMINAR SERIES

The Department of Global Health and Population (GHP) presents a weekly lunchtime seminar on Thursdays. This series features current research of members and affiliates of the department. The intent is to both educate and raise the awareness of the GHP community and beyond about the research activities presently being conducted by faculty, students, researchers, and special guests of the department. This seminar series, open to the full Harvard Chan School community, will provide an opportunity for discussion and intellectual exchange. Please take notice of postings around the School and check the GHP website and the master calendar for dates.

OCCUPATIONAL AND ENVIRONMENTAL HEALTH SEMINARS

For information on the Environmental and Occupational Medicine and Epidemiology Program Seminar Series, please contact Ann Backus at abackus@hsph.harvard.edu. All seminars take place 12:30-1:20 PM on Mondays (once a month or more) and every Friday.

JOHN F. KENNEDY JR. FORUM: HARVARD’S INSTITUTE OF POLITICS

The John F. Kennedy Jr. Forum at the Institute of Politics is Harvard’s premier arena for political speech, discussion and debate. The Forum regularly hosts heads of state, leaders in politics, government, business, labor and the media. For more information, please visit forum.iop.harvard.edu
SEMINARS AND OPPORTUNITIES

MATERNAL & CHILD HEALTH/ CHILDREN, YOUTH, & FAMILIES SEMINARS

Maternal and Child Health/ Children, Youth, and Families (MCH/CYF) Seminars (SBS 360) are held Wednesdays from 12:30-1:30 PM and discuss topics of importance related to MCH and CYF. Please contact Trish Lavoie tlavoie@hsph.harvard.edu for more information.

MATERNAL AND CHILD HEALTH LIBRARY

For students interested in maternal and child health, the following site is recommended: www.mchlibrary.info

WOMEN, GENDER, AND HEALTH

The Women, Gender, and Health (WGH) interdisciplinary concentration hosts monthly meetings and events. The Working Group – comprised of faculty, staff, post-doctoral fellows, and students – meets monthly. Everyone is invited to attend and a light lunch is served. In addition to discussing the administrative aspects of the concentration, there is also a pedagogical component. Students are encouraged to chair and facilitate the meetings, participate in all decisions needed for WGH, present on a topic of choice or one's own research, discuss conference or independent study experiences, and meet others who share interests. Other WGH events happen monthly and generally feature a speaker/facilitator who introduces a gender-related topic of interest, followed by an engaging small-group discussion. WGH speaker events bring speakers who address a wide variety of gender-related public health research and practice issues in a small-group or larger seminar setting. All are welcome at speaker events, and meals are provided.

For additional information about WGH program activities throughout the year, please visit: www.hsph.harvard.edu/wgh

For any questions regarding the WGH interdisciplinary concentration for MPH students, please contact: wgh@hsph.harvard.edu
CROSS-REGISTRATION

Harvard Chan students may petition, pending available space, to cross-register for elective courses. The Harvard University Cross-Registration Consortium includes the Harvard Faculties, Massachusetts Institute of Technology (MIT), Tufts Fletcher School of Law and Diplomacy and Friedman School of Nutrition Science and Policy. The cross-registration webpage on the Registrar’s website has information on process and guidelines: www.hsph.harvard.edu/registrar/cross-registration

To view course offerings across the university, please visit the Harvard University-Wide Course Catalog: https://coursecatalog.harvard.edu

(Please note that the Registrar’s Office at the Harvard Chan School strongly discourages May graduates from cross-registering into a course at MIT during the spring semester because MIT does not submit their grades until after the Harvard Chan School Commencement deadline.)

A sampling of elective courses that may be of interest to Harvard Chan students are grouped by areas of focus below. This list provides a sampling of courses only and is not meant to be all-inclusive. To see the full selection of course offerings across the university, please review the Harvard University-Wide Course Catalog as noted above.

**Behavioral Economics**

**Economics**
- API 303 [Spring] Game Theory and Strategic Decisions
- SUP 572 [Fall] The Economics of Health Care Policy

**Entrepreneurship**
- EDU A608 [Fall] Leadership, Entrepreneurship, and Learning
- HBS 1665 [Spring] Building Life Science Businesses
- HST 921 [Spring] Enabling Technology Innovation in Healthcare and the Life Sciences
- MLD 829M A B [Fall 1] or [Spr 1] Entrepreneurial Finance I

**Finance**
- API 141 [Fall] Finance
- MLD 410 [Spring] State and Local Financial Policy
- MLD 829M A B [Fall 1] or [Spr 1] Entrepreneurial Finance I

**General**
- BCMP 230 [Fall] Principles and Practice of Drug Development
- BGP 100 [Fall] The Business-Government Relationship in the United States
- EDU A111P [Fall 1] Public Narrative: Self, Us, Now
- HBS 2107 [Fall] Commercializing Science: Technology Strategy and Business Models for Science-Based Enterprises
- HST 936 [Spring] Global Health Informatics to Improve Quality of Care
- HISTSCI 149v [Fall] Explaining Epidemics
- MIT 15.915 [Spring] Laboratory for Sustainable Business
- MLD 102 [Fall] Getting Things Done: Management in a Development Context

**General: Writing**
- DPI 810M A [Fall 1] Introduction to Writing for Policy and Politics
- DPI 810M B [Fall 2] Introduction to Writing for Policy and Politics
- DPI 820M A [Fall 1] Policy Writing for Decision Makers
- DPI 820M A [Fall 1] Policy Writing for Decision Makers
- DPI 820M B [Fall 2] Policy Writing for Decision Makers
**CROSS-REGISTRATION**

**Innovation**
- HBS 2134 [Spring] Digital Innovation and Transformation
- HBS 2180 [Spring] Innovating in Health Care
- HBS 6025 [Winter] IXP Course: China; Healthcare in China: Opportunities in Innovation and Integration

**Leadership**
- EDU A608 [Fall] Leadership, Entrepreneurship, and Learning
- MLD 602 [Spring] Performance Leadership: Producing Results in Public and Nonprofit Agencies

**Marketing**
- MIT 15.810 [Fall] Marketing Management

**Operations**
- MLD 601 [Fall] Operations Management

**Organizational Behavior**
- HBS 1816 [Spring] Managing, Organizing & Motivating for Value
- HBS 2060 [Fall] Managing Human Capital

**Power and Influence**
- DPI 659 [Fall] Media, Politics, and Power in the Digital Age
- MLD 342 [Winter] Persuasion: The Science and Art of Effective Influence

**Program Evaluation**

**Quantitative Methods**
- API 302 [Fall] Analytic Frameworks for Policy
- GSE S052 [Spring] Applied Data Analysis
- GOV 2001 [Spring] Advanced Quantitative Research Methodology

**Social Entrepreneurship**
- HBS 1908 [Fall] or [Spring] Business at the Base of the Pyramid
- HBS 6970 [Fall] Social Entrepreneurship in the Business Sector

**Strategy**
- API 303 [Spring] Game Theory and Strategic Decisions
- HBS 1263 [Fall] Executing Strategy
- HBS 1286 [Fall] Strategy and Technology
- HBS 1373 [Spring] Designing Competitive Organizations
- HBS 1534 [Winter] Global Strategic Management
- HBS 1760 [Fall] The Online Economy: Strategy and Entrepreneurship
- MIT 15.363 [Spring] Strategic Decision Making in the Life Sciences
- MLD 222M A B [Fall 1] or [Spr 1] Negotiation Analysis

**Key:**
- API – Harvard Kennedy School (Analysis of Policies and Institutions)
- BCMP – Harvard Faculty of Arts & Sciences (Biology Chem & Molecular Pharm)
- BGP – Harvard Kennedy School (Business and Government Policy)
- DPI – Harvard Kennedy School (Democracy, Politics, and Institutions)
- EDU – Harvard Graduate School of Education
- GOV – Harvard Faculty of Arts & Sciences (Government)
- HBS – Harvard Business School
- HISTSCI – Harvard Faculty of Arts and Sciences (History of Science)
- HST – Massachusetts Institute of Technology (Health Sciences and Technology)
- MIT – Massachusetts Institute of Technology
- MLD – Harvard Kennedy School (Management, Leadership, and Decision Sciences)
- SUP – Harvard Kennedy School (Social and Urban Policy)
Academic Calendar 2016 – 2017

**Fall:** August 29 – December 16  
  Fall 1: August 29 – October 21  
  Fall 2: October 24 – December 16

**Winter Session:** January 3 – January 20

**Spring:** January 23 – May 12  
  Spring 1: January 23 – March 10  
  Spring 2: March 20 – May 12

**Commencement:** May 25, 2017

Please check the academic calendar for a complete listing, including School holidays, add/drop and pass/fail deadlines: [www.hsph.harvard.edu/registrar/academic-calendar](http://www.hsph.harvard.edu/registrar/academic-calendar)

*Students are expected to observe all deadlines.*