# CORE CURRICULUM

Students in the traditional two-year M.P.H. program are required to complete 20 course units, which include the core curriculum (below), departmental/program(track)/concentration requirements, and electives both within YSPH and in other schools at the university (with the permission of the academic adviser). Course units are not given for seminars and colloquia.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPH 100</td>
<td>Professional Skills Series</td>
<td>0</td>
</tr>
<tr>
<td>EPH 101</td>
<td>Professional Skills Series</td>
<td>0</td>
</tr>
<tr>
<td>EPH 505</td>
<td>Biostatistics in Public Health</td>
<td>1</td>
</tr>
<tr>
<td>EPH 507</td>
<td>Social Justice and Health Equity</td>
<td>1</td>
</tr>
<tr>
<td>EPH 508</td>
<td>Foundations of Epidemiology and Public Health</td>
<td>1</td>
</tr>
<tr>
<td>EPH 510</td>
<td>Health Policy and Health Care Systems</td>
<td>1</td>
</tr>
<tr>
<td>EPH 513</td>
<td>Major Health Threats: Ethics and Practice</td>
<td>1</td>
</tr>
<tr>
<td>EPH 521</td>
<td>Summer Internship - APE</td>
<td>0</td>
</tr>
<tr>
<td>EPH 525</td>
<td>Thesis</td>
<td>2</td>
</tr>
</tbody>
</table>

1 Not required for BIS.

2 If the internship does not fulfill the APE requirement, students will be registered for the internship course EPH 520, Summer Internship (non-APE), and subsequently must fulfill their APE through a practicum course or by completing a preapproved volunteer experience.

3 HP and HCM complete a capstone course rather than the thesis course. BIS and SBS students may take a capstone course or the thesis course.

## PUBLIC HEALTH PRACTICE REQUIREMENT

All students in the M.P.H. program are required to complete a Public Health Practice experience. YSPH Public Health Practice requirement guidelines are outlined in Appendix I. There are several options for satisfying this requirement:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>EMD/SBS 584</td>
<td>Advanced Global Health Justice Practicum: Fieldwork</td>
<td>1</td>
</tr>
<tr>
<td>EMD/SBS 588</td>
<td>Health Justice Practicum</td>
<td>1</td>
</tr>
<tr>
<td>EPH 500</td>
<td>Public Health Practicum</td>
<td>1</td>
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<tr>
<td>EPH 501</td>
<td>U.S. Health Justice Concentration Practicum</td>
<td>1</td>
</tr>
<tr>
<td>EPH 521</td>
<td>Summer Internship - APE</td>
<td>0</td>
</tr>
<tr>
<td>EPH 555</td>
<td>Clinic in Climate Justice and Public Health</td>
<td>1</td>
</tr>
<tr>
<td>HPM 555</td>
<td>Health Policy or Health Care Management Practicum</td>
<td>1</td>
</tr>
<tr>
<td>HPM 556</td>
<td>Advanced Health Policy Practicum</td>
<td>1</td>
</tr>
<tr>
<td>SBS 562</td>
<td>Inclusive Design for the Built Environment: Participatory Design</td>
<td>1</td>
</tr>
</tbody>
</table>

1 With the exception of those in the Advanced Professional M.P.H. program, the Executive M.P.H. Program and the Accelerated M.B.A./M.P.H. program, all M.P.H. students must complete a summer internship, typically ten to twelve weeks and no
less than eight weeks in duration. The summer internship may be used to complete
the practice requirement for the M.P.H. degree with prior approval from the Office of
Public Health Practice.

COMPETENCIES OF THE CORE CURRICULUM

The core curriculum of the M.P.H. program focuses on competencies in evidence-
based approaches to public health (1–4), public health and health care systems (5–6),
planning and management to promote health (7–11), policy in public health (12–15),
leadership (16–17), communication (18–20), interprofessional practice (21), and
systems thinking (22). Upon completing the core curriculum, the student will be able
to:

1. Apply epidemiological methods to the breadth of settings and situations in public
health practice.
2. Select quantitative and qualitative data collection methods appropriate for a given
public health context.
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-
based programming and software, as appropriate.
4. Interpret results of data analysis for public health research, policy, or practice.
5. Compare the organization, structure, and function of health care, public health, and
regulatory systems across national and international settings.
6. Discuss the means by which structural bias, social inequities, and racism undermine
health and create challenges to achieving health equity at organizational,
community, and societal levels.
7. Assess population needs, assets, and capacities that affect communities’ health.
8. Apply awareness of cultural values and practices to the design or implementation of
public health policies or programs.
9. Design a population-based policy, program, project, or intervention.
10. Explain basic principles and tools of budget and resource management.
11. Select methods to evaluate public health programs.
12. Discuss multiple dimensions of the policy-making process, including the roles of
ethics and evidence.
13. Propose strategies to identify stakeholders and build coalitions and partnerships for
influencing public health outcomes.
14. Advocate for political, social, or economic policies and programs that will improve
health in diverse populations.
15. Evaluate policies for their impact on public health and health equity.
16. Apply principles of leadership, governance, and management, which include
creating a vision, empowering others, fostering collaboration, and guiding decision-
making.
17. Apply negotiation and mediation skills to address organizational or community
challenges.
18. Select communication strategies for different audiences and sectors.
19. Communicate audience-appropriate public health content, both in writing and
through oral presentation.
20. Describe the importance of cultural competence in communicating public health content.

21. Perform effectively on interprofessional teams.

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