

# 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.

EPH 100	Professional Skills Series	0
EPH 101	Professional Skills Series	0
EPH 505	Biostatistics in Public Health <sup>1</sup>	1
EPH 507	Social Justice and Health Equity	1
EPH 508	Foundations of Epidemiology and Public Health	1
EPH 510	Health Policy and Health Care Systems	1
EPH 513	Major Health Threats: Ethics and Practice	1
EPH 521	Summer Internship - APE <sup>2</sup>	0
EPH 525	Thesis <sup>3</sup>	2

<sup>1</sup> Not required for BIS.

<sup>2</sup> 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.

<sup>3</sup> BIS, HP, and HCM complete a capstone course rather than the thesis course. 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:

EMD/SBS 584	Advanced Global Health Justice Practicum: Fieldwork	1
EMD/SBS 588	Health Justice Practicum	1
EMD/SBS 596	Health Justice: The Politics of Care	1
EPH 500	Public Health Practicum	1
EPH 501	U.S. Health Justice Concentration Practicum	1
EPH 521	Summer Internship - APE	0
EPH 555	Clinic in Climate Justice, Law, and Public Health	1
HPM 555	Health Policy or Health Care Management Practicum	1
HPM 556	Advanced Health Policy Practicum	1
SBS 541	Community Health Program Evaluation	1
SBS 562	Inclusive Design for the Built Environment	1

<sup>1</sup> With the exception of those in the Advanced Professional 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.