

# 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.

PUBH 100	Professional Skills Series	0
PUBH 101	Professional Skills Series <sup>1</sup>	0
PUBH 505	Biostatistics in Public Health	1
PUBH 507	Social Justice and Health Equity	1
PUBH 508	Foundations of Epidemiology and Public Health	1
PUBH 510	Health Policy and Health Care Systems <sup>2</sup>	1
PUBH 521	Applied Practice Experience <sup>3</sup>	0
PUBH 525	Thesis	2

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

<sup>2</sup> Those students who have met their APE through a practicum course will not be required to take PUBH 521.

<sup>3</sup> HP and HCM complete a capstone course rather than the thesis course. BIS, CDE, 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 the Applied Practice Experience (APE). YSPH APE requirement guidelines are outlined in Appendix I. There are several options for satisfying this requirement:

EMD/SBS 588	Health Justice Practicum	1
HPM 555	Health Policy Practicum	1
HPM 556	Advanced Health Policy Practicum	1
HPM 565	Health Care Management Practicum	1
PUBH 500	Public Health Practicum	1
PUBH 501	U.S. Health Justice Concentration Practicum	1
PUBH 521	Applied Practice Experience	0
PUBH 555	Clinic in Climate Justice and Public Health	1

<sup>1</sup> 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.