

PROGRAM IN PUBLIC HEALTH
MPH Foundational Competencies for Core Courses (CEPH)

Course Key

HPH 500: Contemporary Issues in Public Health
HPH 501: Introduction to the Research Process
HPH 506: Biostatistics I
HPH 507: Biostatistics II
HPH 508: Health Systems Performance
HPH 514: Epidemiology for Public Health
HPH 516: Environmental & Occupational Health

HPH 523: Social & Behavioral Determinants of Health
HPH 525: Evaluating Public Health Initiatives
HPH 550: Theories of Health Behavior & Communication
HPH 555: Demography & Global Health
HPH 564: Qualitative Methods
HPH 581: Capstone Seminar

Note: Although Practicum is part of the Core Curriculum, the practicum course is not included in the Foundational competencies for core courses matrix, because students select which competencies to address in their practicum (at least five competencies are selected – at least three must be Foundational competencies). Thus, it is possible that any three to five competencies listed across the matrix may be applicable to the practicum. The experiences students select for practicum will largely determine which competencies will be addressed.

Foundational Competencies	Core Courses												
	HPH 500	HPH 501	HPH 506	HPH 507	HPH 508	HPH 514	HPH 516	HPH 523	HPH 525	HPH 550	HPH 555	HPH 564	HPH 581
Evidence-based Approaches to Public Health													
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													
Public Health and Health Care Systems													
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													

Planning and Management to Promote Health	HPH 500	HPH 501	HPH 506	HPH 507	HPH 508	HPH 514	HPH 516	HPH 523	HPH 525	HPH 550	HPH 555	HPH 564	HPH 581
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													
Policy in Public Health	HPH 500	HPH 501	HPH 506	HPH 507	HPH 508	HPH 514	HPH 516	HPH 523	HPH 525	HPH 550	HPH 555	HPH 564	HPH 581
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													
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													
Leadership	HPH 500	HPH 501	HPH 506	HPH 507	HPH 508	HPH 514	HPH 516	HPH 523	HPH 525	HPH 550	HPH 555	HPH 564	HPH 581
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 mediational skills to address organizational or community challenges													
Communication	HPH 500	HPH 501	HPH 506	HPH 507	HPH 508	HPH 514	HPH 516	HPH 523	HPH 525	HPH 550	HPH 555	HPH 564	HPH 581
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													

Interprofessional Practice	HPH 500	HPH 501	HPH 506	HPH 507	HPH 508	HPH 514	HPH 516	HPH 523	HPH 525	HPH 550	HPH 555	HPH 564	HPH 581
21. Perform effectively on interprofessional teams													
Systems Thinking	HPH 500	HPH 501	HPH 506	HPH 507	HPH 508	HPH 514	HPH 516	HPH 523	HPH 525	HPH 550	HPH 555	HPH 564	HPH 581
22. Apply systems thinking tools to a public health issue													