

MPH Core Competencies

MPH Core Competencies	Current Core Course	New Core Course
1. Apply epidemiological methods to the breadth of settings and situations in public health practice	EPID 6210	Analytical
2. Select quantitative and qualitative data collection methods appropriate for a given public health context	BIOS 6100, EPID 6210	Analytical
3. Analyze quantitative and qualitative data using biostatistics, informatics, computer-based programming and software, as appropriate	Quantitative: BIOS 6100/6200, EPID 6210 Qualitative: ENHS 6238, PUBH 6160	Analytical
4. Interpret results of data analysis for public health research, policy or practice	BIOS 6100/6200, EPID 6210	Analytical
5. Compare the organization, structure and function of health care, public health and regulatory systems across national and international settings	HPSM 6268	Policy
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	BCHS 6212	Policy
7. Assess population needs, assets and capacities that affect communities' health	PUBH 6160	Management
8. Apply awareness of cultural values and practices to the design or implementation of public health policies or programs	BCHS 6212	Management
9. Design a population-based policy, program, project or intervention	BCHS 6212	Management Policy
10. Explain basic principles and tools of budget and resource management	HPSM 6268	Management
11. Select methods to evaluate public health programs	PUBH 6160	Analytical Management
12. Discuss multiple dimensions of the policy-making process, including the roles of ethics and evidence	HPSM 6268	Policy
13. Propose strategies to identify stakeholders and build coalitions and partnerships for influencing public health outcomes	PUBH 6160	Policy
14. Advocate for political, social or economic policies and programs that will improve health in diverse populations	PUBH 6150, PUBH 6600	Policy
15. Evaluate policies for their impact on public health and health equity	HPSM 6268, ENHS 6238, PUBH 6600	Policy
16. Apply principles of leadership, governance and management, which include creating a vision, empowering others, fostering collaboration and guiding decision making	HPSM 6268	Leadership & Communication
17. Apply negotiation and mediation skills to address organizational or community challenges	HPSM 6268	Leadership & Communication
18. Select communication strategies for different audiences and sectors	PUBH 6150, ENHS 6238, PUBH 6600	Analytical

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		Leadership & Communication
19. Communicate audience-appropriate public health content, both in writing and through oral presentation	PUBH 6150, BCHS 6212, PUBH 6600	Analytical Leadership & Communication
20. Describe the importance of cultural competence in communicating public health content	PUBH 6150, BCHS 6212	Leadership & Communication
21. <i>Perform effectively on interprofessional teams</i>	<i>Team UP</i>	<i>Team UP</i>
22. Apply systems thinking tools to a public health issue	HPSM 6268, PUBH 6600	Management