

**Council on Education in Public Health (CEPH):  
Universal Competencies for the Professional MPH Degree**

<b>D1: MPH Foundational Public Health Knowledge</b>	
<b>Profession and Science of Public Health</b>	
1	Explain public health history, philosophy, and values
2	Identify the core functions of Public Health and the 10 Essential Services
3	Explain the role of quantitative and qualitative methods and sciences in describing and assessing a population's health
4	List major causes and trends of morbidity and mortality in the US or other community relevant to the school or program
5	Discuss the science of primary, secondary, and tertiary prevention in population health, including health promotion, screening, etc.
6	Explain the critical importance of evidence in advancing public health knowledge.
<b>Factors Related to Human Health</b>	
7	Explain the effects of environmental factors on a population's health
8	Explain biological and genetic factors that affect a population's health
9	Explain behavioral and psychological factors that affect a population's health
10	Explain the social, political, and economic determinants of health and how they contribute to population health and health inequities
11	Explain how globalization affects global burdens of disease
12	Explain an ecological perspective on the connections among human health, animal health, and ecosystem health (eg. One Health)
<b>D2: MPH Foundational Competencies</b>	
<b>Evidence-based Approaches to Public Health</b>	
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
<b>Public Health &amp; Healthcare Systems</b>	
5	Compare the organization, structure and function of health care, public health and regulatory systems across national and/or 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
<b>Planning &amp; Management to Promote Health</b>	
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

<b>Policy in Public Health</b>	
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
<b>Leadership</b>	
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
<b>Communication</b>	
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
<b>Inter-professional Practice</b>	
21	Perform effectively on interprofessional teams
<b>Systems Thinking</b>	
22	Apply systems thinking tools to a public health issue
<b>Health Policy and Management (HPM) Discipline-Specific Competencies: Management Track</b>	
1	Understand and evaluate private and government roles in the financing, regulation, and delivery of healthcare, and in safeguarding the public's health
2	Analyze economic decisions related to healthcare organizations and the public health and health care systems
3	Apply problem-solving skills to improve functioning of organizations and agencies in public health and healthcare systems
4	Conduct financial analyses, including reading and analyzing financial statements
5	Conduct strategic analysis and competitive decision-making for health care organizations
6	Understand the process of changing and leveraging organizational culture and contextual factors to achieve desired outcomes
<b>Health Policy and Management (HPM) Discipline-Specific Competencies: Policy Track</b>	
1	Understand and evaluate private and government roles in the financing, regulation, and delivery of healthcare, and in safeguarding the public's health
2	Analyze economic decisions related to healthcare organizations and the public health and health care systems
3	Apply problem-solving skills to improve functioning of organizations and agencies in public health and healthcare systems
4	Describe the role political institutions play in the identification of problems in the public health and health care systems
5	Discuss the institutional context and framework of health policy to address new problems and propose solutions.
6	Conduct policy analysis and write effective policy memos on current public health issues