

Program Competencies – School of Public and Community Health Sciences

Foundational Competencies

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 and 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

Generalist Concentration-specific Competencies

1. Gather, integrate and analyze descriptive health data from rural or frontier settings.
2. Identify the common demographic characteristics of rural or frontier areas and their implications for provision of public health services.
3. Explain the challenges associated with provision of environmental health services in the context of rural or frontier areas.
4. Demonstrate basic understanding and respect for a multiplicity of values, beliefs, traditions and experiences and feelings of satisfaction or distress stemming from social determinants in rural or frontier settings.
5. Utilize basic statistical skills to reason about problems associated with the populations of low density and widespread geographic dispersion.

Community Health and Prevention Sciences-specific Competencies

Area I: Assess Needs, Resources, and Capacity for Health Education/Promotion

Area II: Plan Health Education/Promotion

Area III: Implement Health Education/Promotion

Area IV: Conduct Evaluation and Research Related to Health Education/Promotion

Area V: Administer and Manage Health Education/Promotion

Area VI: Serve as a Health Education/Promotion Resource Person

Area VII: Communicate, Promote, and Advocate for Health, Health Education/Promotion, and the Profession