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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MPH COMPETENCY | 520 | 548 | 575 | 578 | 580 | 581 | 582 | 584 | 587 | 591 |
| 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 & Health Care Systems  |  |  |  |  |  |  |  |  |  |  |
| 5. Compare the organization, structure and function of health 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. |  |  |  |  |  |  |  |  |  |  |
| Planning & Management to Promote Health  |  |  |  |  |  |  |  |  |  |  |
| 7. Assess population needs, assets and capacities that affect communities’ health  |  |  |  |  |  |  |  |  |  |  |
| 8. Apply awareness of cultural values and practices to the design, implementation, or critique 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, specifically after funding for a project is secured  |  |  |  |  |  |  |  |  |  |  |
| 11. Select methods to evaluate public health programs  |  |  |  |  |  |  |  |  |  |  |
| Policy in Public Health  |  |  |  |  |  |  |  |  |  |  |
| 12. Discuss the policy-making process.  |  |  |  |  |  |  |  |  |  |  |
| 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  |  |  |  |  |  |  |  |  |  |  |
| Leadership  |  |  |  |  |  |  |  |  |  |  |
| 16. Apply leadership and/or management principles to address a relevant issue; such principles may include creating a vision, empowering others, fostering collaboration, and guiding decision making |  |  |  |  |  |  |  |  |  |  |
| 17. Apply negotiation and mediation skills to address organizational or community challenges  |  |  |  |  |  |  |  |  |  |  |
| Communication  |  |  |  |  |  |  |  |  |  |  |
| 18. Select communication strategies for different audiences and sectors  |  |  |  |  |  |  |  |  |  |  |
| 19. Communicate audience-appropriate ((i.e., non-academic, non-peer audience) public health content, both in writing and through oral presentation  |  |  |  |  |  |  |  |  |  |  |
| 20. Describe the importance of cultural competence in communicating public health content  |  |  |  |  |  |  |  |  |  |  |
| Interprofessional and/or Intersectoral Practice  |  |  |  |  |  |  |  |  |  |  |
| 21. Integrate perspectives from other sectors and/or professions to promote and advance population health |  |  |  |  |  |  |  |  |  |  |
| Systems Thinking (waiting on technical assistance paper from CEPH) |  |  |  |  |  |  |  |  |  |  |
| 22. Apply a systems thinking tool to visually represent a public health issue in a format other than standard narrative |  |  |  |  |  |  |  |  |  |  |
| WKU MPH Program Competencies | 520 | 548 | 575 | 578 | 580 | 581 | 582 | 584 | 587 | 591 |
| 23. Apply health behavior theories and models to address public health problems.  |  |  |  |  |  |  |  |  |  |  |
| 24. Describe the role of budgeting; methods of seeking extramural funding; and methods of financial analysis in making decisions about policies, programs and services.  |  |  |  |  |  |  |  |  |  |  |
| 25. Describe the roles of history, power, privilege and structural inequality in producing health disparities. |  |  |  |  |  |  |  |  |  |  |
| 26. Integrate social determinants into public health science, practice, and research. |  |  |  |  |  |  |  |  |  |  |
| 27. Identify the direct and indirect population health effects of environmental hazards (biological, chemical and physical) on humans, animals and the ecology. |  |  |  |  |  |  |  |  |  |  |