

**Nova Southeastern University College of Osteopathic Medicine
Master of Public Health Program**

General Core Competencies*
1. Communicate public health information and issues effectively to health professionals, and the public, through diverse communication channels.
2. Apply information technology to diverse aspects of public health and communication.
3. Critically review and apply evidence-based evaluation of published medical and public health literature.
4. Demonstrate understanding of the principles of, and the legal and ethical applications to, the collection of research data from human subject, as well as to the collection and reporting of other public health data.
5. Identify appropriate national, state and local public health surveillance data, and other data sources, and apply them to public health problems.
6. Demonstrate the ability to discuss a public health problem substantively and scientifically, including demographics, geography, magnitude and time trends.
7. Demonstrate knowledge and understanding of the principles of environmental risk assessment, including exposure to toxic substances, contaminated air, food and water.
8. Formulate a research or evaluation proposal to address public health problems.
9. Demonstrate knowledge and comprehension of the basic legal authority for public health.
10. Develop a plan for a public health program utilizing strategies and models responsive to diverse cultural values and traditions of a community.
11. Discuss and explain the typical operations and procedures of health departments and other agencies responsible for public health.
12. Identify and discuss strategies for collaboration and partnership among organizations focused on public health goals.

*Outcome measures are determined on the basis of students meeting the standard passing grade (B or above) in the designated assignments, presentations and the Comprehensive Examination (a case-based written Examination that assesses integration of knowledge of the core functions of public health).

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General Core Competencies*
13. Discuss ethical choices, values and professional practices implicit in public health decisions, considering the effect of those choices on social justice and accountability.
14. Describe and discuss the organization, financing, delivery, maintenance and administration of health service programs.
15. Apply appropriate statistical principles to the description, evaluation and/or assessment of public health problems or programs.
16. Demonstrate the ability to apply descriptive and inferential methods to solve public health problems.
17. Demonstrate understanding of the standard epidemiological procedures used to conduct an outbreak investigation.
18. Outline a plan for the delivery of health services for an underserved population, taking into account the health disparities affecting the populations.
19. Demonstrate knowledge and understanding of the principles of strategic planning for health service programs.
20. Demonstrate knowledge and understanding of the policies, procedures and processes involved in the comprehensive management of a disaster.
21. Evaluate a public health program or initiative, taking into account legal, economic, financing and effectiveness parameters.
22. Demonstrate comprehension of the principles of social and behavioral risk assessment applying the ecological model.
23. Demonstrate comprehension of the application of standard statistical packages used to analyze public health data sets. (e.g., SAS, Epi-Info).
24. Demonstrate understanding of the three core functions of public health (assessment, policy development and assurance).

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