



**School of Allied Health and Life Sciences**  
**Master of Public Health**  
**RUBRIC FOR MPH COURSES**

**Assessment Type:** Embedded assessment instrument  
**Program:** **Master of Public Health**  
**Course Name:** All courses in program  
**Instructor:** All course instructors  
**Emphasized Programmatic SLOs:** All  
**Tangible Course Product to be Evaluated:** Determined by course instructor

**Suggested Implementation for Embedded Assessment:**

Please review the MPH core criteria below and locate the section(s) that pertain to your course. For each student in your course this semester, please complete the relevant items on the rubric and note characteristics contributing to your rating in the comment section below the rubric. You can complete this rubric based on: (1) each student’s overall performance in the class or on (2) one specific assignment in the course (use the same assignment for all students). If an item does not apply to your course, please indicate this with “N/A”. Note characteristics contributing to your rating(s) in the comment section below the tables.

**When submitting your final data, please combine all results on to one form.** Using this strategy, under “Exceeds Expectations” for a criterion related to your course, you would provide the count of the number of students exceeding your expectations for that item.

MPH CORE CRITERIA	EXCEEDS EXPECTATIONS	MEETS EXPECTATIONS	BELOW EXPECTATIONS
<b>Epidemiology</b>			
Identify key sources of data for epidemiologic purposes.			
Identify the principles and limitations of public health screening programs.			
Describe a public health problem in terms of magnitude, person, time and place.			
Explain the importance of epidemiology for informing scientific, ethical, economic and political discussion of health issues.			
Comprehend basic ethical and legal principles pertaining to the collection, maintenance, use and dissemination of epidemiologic data.			
Apply the basic terminology and definitions of epidemiology.			
Calculate basic epidemiology measures.			
Communicate epidemiologic information to lay and professional audiences.			
Draw appropriate inferences from epidemiologic data.			
Evaluate the strengths and limitations of epidemiologic reports.			

MPH CORE CRITERIA	EXCEEDS EXPECTATIONS	MEETS EXPECTATIONS	BELOW EXPECTATIONS
<b>Biostatistics</b>			
Describe the roles biostatistics serves in the discipline of public health.			
Describe basic concepts of probability, random variation and commonly used statistical probability distributions.			
Describe preferred methodological alternatives to commonly used statistical methods when assumptions are not met.			
Distinguish among the different measurement scales and the implications for selection of statistical methods to be used based on these distinctions.			
Apply descriptive techniques commonly used to summarize public health data.			
Apply common statistical methods for inference.			
Apply descriptive and inferential methodologies according to the type of study design for answering a particular research question.			
Apply basic informatics techniques with vital statistics and public health records in the description of public health characteristics and in public health research and evaluation.			
Interpret results of statistical analyses found in public health studies.			
Develop written and oral presentations based on statistical analyses for both public health professionals and educated lay audiences.			

MPH CORE CRITERIA	EXCEEDS EXPECTATIONS	MEETS EXPECTATIONS	BELOW EXPECTATIONS
<b>Environmental Health</b>			
Describe the direct and indirect human, ecological and safety effects of major environmental and occupational agents.			
Describe genetic, physiologic and psychosocial factors that affect susceptibility to adverse health outcomes following exposure to environmental hazards.			
Describe federal and state regulatory programs, guidelines and authorities that control environmental health issues.			
Specify current environmental risk assessment methods.			
Specify approaches for assessing, preventing and controlling environmental hazards that pose risks to human health and safety.			
Explain the general mechanisms of toxicity in eliciting a toxic response to various environmental exposures.			
Discuss various risk management and risk communication approaches in relation to issues of environmental justice and equity.			
Develop a testable model of environmental insult.			

MPH CORE CRITERIA	EXCEEDS EXPECTATIONS	MEETS EXPECTATIONS	BELOW EXPECTATIONS
<b>Social and Behavioral Sciences</b>			
Identify basic theories, concepts and models from a range of social and behavioral disciplines that are used in public health research and practice.			
Identify the causes of social and behavioral factors that affect health of individuals and populations.			
Identify individual, organizational and community concerns, assets, resources and deficits for social and behavioral science interventions.			
Identify critical stakeholders for the planning, implementation and evaluation of public health programs, policies and interventions.			
Describe steps and procedures for the planning, implementation and evaluation of public health programs, policies and interventions.			
Describe the role of social and community factors in both the onset and solution of public health problems.			
Describe the merits of social and behavioral science interventions and policies.			
Apply evidence-based approaches in the development and evaluation of social and behavioral science interventions.			
Apply ethical principles to public health program planning, implementation and evaluation.			
Specify multiple targets and levels of intervention for social and behavioral science programs and/or policies.			

MPH CORE CRITERIA	EXCEEDS EXPECTATIONS	MEETS EXPECTATIONS	BELOW EXPECTATIONS
<b>Health Care Policy and Administration</b>			
Identify the main components and issues of the organization, financing and delivery of health services and public health systems in the US.			
Describe the legal and ethical bases for public health and health services.			
Explain methods of ensuring community health safety and preparedness.			
Discuss the policy process for improving the health status of populations.			
Apply the principles of program planning, development, budgeting, management and evaluation in organizational and community initiatives.			
Apply principles of strategic planning and marketing to public health.			
Apply quality and performance improvement concepts to address organizational performance issues.			
Apply "systems thinking" for resolving organizational problems.			
Communicate health policy and management issues using appropriate channels and technologies.			
Demonstrate leadership skills for building partnerships.			

General characteristics leading to ratings of EXCEEDS EXPECTATIONS:

General characteristics leading to ratings of MEETS EXPECTATIONS:

General characteristics leading to ratings of BELOW EXPECTATIONS:

How will these results influence course planning next time?

What recommendations can you make to the school to improve the quality of this experience for future students?

Please provide details of any tangible products developed with any students over the course of their enrollment in this course (e.g., scholarly works, conference presentations, funded projects, etc.):

Please provide details of any job placements any students have indicated an intent to pursue:

Please provide details of any feedback any students provided regarding satisfaction or dissatisfaction with the time to complete the MPH degree: