

# MASTER OF PUBLIC HEALTH

## Courses

### **PUBH 5101 Foundations of Public Health** **3 Credits**

This course is designed to introduce graduate students without a baccalaureate degree in Public Health to the profession and sciences of Public Health. This course will provide an overview of the history and philosophy of Public Health, its core functions and essential services, and its role in understanding and promoting human health.

### **PUBH 5303 Program Planning and Evaluation** **3 Credits**

This course prepares students to develop, implement, and evaluate Public Health programs and interventions. Students will learn to conduct a community health needs assessment; prioritize health needs; select appropriate intervention strategies; and develop program goals, objectives, and evaluation plans. Prerequisite NURS 7611.

### **PUBH 6951 Public Health Fieldwork Experience and Leadership/ Professional Development Seminar** **6 Credits**

The fieldwork experience provides each student the opportunity to demonstrate attainment of key program competencies by completing training and practice with a partner agency in their local area. Students will participate in a semester-long public health leadership and professional development seminar while completing their fieldwork experience. This course will fulfill the applied practice experience requirement of the MPH program.

### **PUBH 6961 Public Health Capstone I** **3 Credits**

**Prerequisites:** NURS 7601, PUBH 7602, PUBH 5303.

The capstone provides an opportunity for students to integrate and apply the knowledge and skills they've gained throughout the program by developing an independent scholarly or applied project. With guidance from a faculty member, students will create and evaluate a public health intervention or design and carry out an original research project. In Public Health Capstone I, students develop a detailed plan and written proposal for their project. This course will fulfill the integrative practice experience requirement of the MPH program.

### **PUBH 6962 Public Health Capstone II** **3 Credits**

**Prerequisite:** PUBH 6961.

This course is a continuation of Public Health Capstone I. In this course, students complete their capstone projects, by implementing and evaluating the program they created or by collecting and analyzing data to answer an original research question. Students will produce a final paper and presentation for their project. This course will fulfill the integrative practice experience requirement of the MPH program.

### **PUBH 7602 Advanced Epidemiology and Biostatistics** **3 Credits**

This course provides an introduction to statistical reasoning and procedures used in Public Health research. Probability theory, descriptive and inferential statistics, and regression and correlation methods will be covered, with applications using statistical software. Pre-requisite NURS 7601.