

# MASTER OF PUBLIC HEALTH

The Master of Public Health (MPH) prepares students for a wide range of careers in public health, ensuring that they develop a broad base of knowledge and skills that can be applied to a variety of settings. The curriculum requires 42 credits and includes intermediate- and advanced-level coursework in epidemiology, biostatistics, program planning and evaluation, health policy, and a 6-credit field experience. The program emphasizes social justice, with the goal of training leaders who will work to achieve health equity and offers a unique interdisciplinary experience. Students will take courses with students in other Egan-level graduate programs and will learn from faculty with diverse professional backgrounds.

The following are the MPH program goals:

- Provide education, mentorship, and practice opportunities to promote students' attainment of core competencies of public health practice.
- Contribute to public health knowledge through interdisciplinary research and practice.
- Impact public health practice through responsive and sustainable community engagement.

## Requirements

Code	Title	Credits
PUBH 5101	Foundations of Public Health	3
PUBH 5303	Program Planning and Evaluation	3
PUBH 6961	Public Health Capstone I	3
PUBH 6962	Public Health Capstone II	3
PUBH 6951	Public Health Fieldwork Experience and Leadership/Professional Development Seminar	6
PUBH 7602	Advanced Epidemiology and Biostatistics	3
HCAD 6100	Introduction to the United States Healthcare System	3
NURS 7601	Epidemiology and Biostatistics	3
NURS 7605	Advanced Health Policy	3
NURS 7608	Research Methods for Evidence-Based Practice	3
NURS 7611	Social and Behavioral Determinants of Health	3
Master's Elective (Arts and Sciences, Business, Education, Engineering)		3
Master's Elective (Arts and Sciences, Business, Education, Engineering)		3

## Plan of Study

Please note that the below plans of study are a sample of the Online Fall semester cohort start. There are also plan of study grids available from the Program Director for the online program with a spring or summer semester start as well.

## (Full Time)

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
HCAD 6100	Introduction to the United States Healthcare System	3
NURS 7601	Epidemiology and Biostatistics	3
NURS 7611	Social and Behavioral Determinants of Health	3
PUBH 5101	Foundations of Public Health	3
<b>Credits</b>		<b>12</b>
<b>Spring</b>		
NURS 7605	Advanced Health Policy	3
NURS 7608	Research Methods for Evidence-Based Practice	3
PUBH 5303	Program Planning and Evaluation	3
PUBH 7602	Advanced Epidemiology and Biostatistics	3
<b>Credits</b>		<b>12</b>
<b>Summer</b>		
PUBH 6951	Public Health Fieldwork Experience and Leadership/Professional Development Seminar	6
PUBH 6961	Public Health Capstone I	3
<b>Credits</b>		<b>9</b>
<b>Second Year</b>		
<b>Fall</b>		
PUBH 6962	Public Health Capstone II	3
Master's Elective (Arts and Sciences, Business, Education, Engineering)		3
Master's Elective (Arts and Sciences, Business, Education, Engineering)		3
<b>Credits</b>		<b>9</b>
<b>Total Credits</b>		<b>42</b>

## (Part Time)

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
NURS 7611	Social and Behavioral Determinants of Health	3
PUBH 5101	Foundations of Public Health	3
<b>Credits</b>		<b>6</b>
<b>Spring</b>		
HCAD 6100	Introduction to the United States Healthcare System	3
PUBH 5303	Program Planning and Evaluation	3
<b>Credits</b>		<b>6</b>
<b>Summer</b>		
NURS 7605	Advanced Health Policy	3
<b>Credits</b>		<b>3</b>
<b>Second Year</b>		
<b>Fall</b>		
NURS 7601	Epidemiology and Biostatistics	3

NURS 7608	Research Methods for Evidence-Based Practice	3
<b>Credits</b>		<b>6</b>
<b>Spring</b>		
PUBH 7602	Advanced Epidemiology and Biostatistics	3
Master's Elective (Arts and Sciences, Business, Education, Engineering)		3
<b>Credits</b>		<b>6</b>
<b>Summer</b>		
PUBH 6951	Public Health Fieldwork Experience and Leadership/Professional Development Seminar	6
PUBH 6961	Public Health Capstone I	3
<b>Credits</b>		<b>9</b>
<b>Third Year</b>		
<b>Fall</b>		
PUBH 6962	Public Health Capstone II	3
Master's Elective (Arts and Sciences, Business, Education, Engineering)		3
<b>Credits</b>		<b>6</b>
<b>Total Credits</b>		<b>42</b>

**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.

## 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.