

## **MPH-DO Dual Degree Professional Option Academic Year 2016-2017 Program Profile**

The Master of Public Health (MPH)-Professional Option is an interdisciplinary degree that provides education and training for professionals in any field who want to strengthen their general knowledge and skills in public health. Ultimately, graduates of this program will contribute to the expansion and enhancement of a competent public health workforce that is advancing the well-being of Texas' citizens and beyond.

### **DO/MPH**

The primary goal of the DO/MPH program is to provide clinical professionals with specialized public health training to develop, integrate, and apply culturally competent social, psychological, and biomedical approaches to the promotion and preservation of health. Physicians with training in public health may work in a wide range of positions in public, private, or academic settings. The MPH degree offers the physician a significant advantage when seeking jobs which involve planning and managing health systems, performing clinical research, determining the causes of disease, or planning and implementing disease control strategies. Physicians with the MPH degree work in health departments, federal agencies, managed care and other health provider organizations, schools of public health and medicine, in the private practice arena, and in many other federal and international agencies. Students in the Professional Option will specifically strengthen their knowledge and skills in public health through the following areas:

1. Health Policy and Management
  - a. The MPH student will discuss the policy process for improving the health status of populations.
  - b. The MPH student will apply the principles of program planning, development, budgeting, management and evaluation in organizational and community initiatives.
  - c. The MPH student will apply quality and performance improvement concepts to address organizational performance issues.

2. Professionalism

- a. The MPH student will apply basic principles of ethical analysis (e.g., the Public Health Code of Ethics, human rights framework, other moral theories) to issues of public health practice and policy.
- b. The MPH student will distinguish between population and individual ethical considerations in relation to the benefits, costs, and burdens of public health programs.

3. Leadership

- a. The MPH student will describe the attributes of leadership in public health.
- b. The MPH student will describe the alternative strategies for collaboration and partnership among organizations, focused on public health goals.

## MPH Core Competencies

The Master of Public Health degree program prepares students to address the following core competencies while advancing their knowledge of public health:

Competency	Competency Description
Public Health Knowledge & Skills	The MPH student will apply basic knowledge and skills of the core public health sciences that include: biostatistics, epidemiology, health management and policy, behavioral and community health, and environmental and occupational health, to the prevention of illness and injury and the promotion of population health.
Integration of Theory and Practice	The MPH student will demonstrate the effective integration of theory and practice related to public health issues that affect diverse populations, through a thesis or comprehensive examination and a practice experience.
Communication and Informatics	The MPH student will gather, organize, and manage data and information effectively to address public health issues through oral and written communications to diverse professionals and lay audiences.
Diversity and Culture	The MPH student will demonstrate the ability to interact with both diverse individuals and communities to produce or impact an intended public health outcome.
Professionalism	The MPH student will apply ethical principles to the practice of public health in a variety of settings, demonstrating personal integrity while embracing diverse communities.

## MPH-DO: Professional Option (42 SCH)

### REQUIRED COURSES:

**25.5 SCH**

BIOS 5300	Principles of Biostatistics	3 SCH
HMAP 5300	Introduction to Health Management & Policy	3 SCH
EPID 5300	Principles of Epidemiology	3 SCH
EOHS 5300	Environmental Determinants of Health I	3 SCH
BACH 5300	Theoretical Foundations of Individual & Community Health	3 SCH
HMAP 6360	Ethical Issues in Public Health	3 SCH
HMAP 6320	Leadership in Public Health	3 SCH
HMAP 5320	Health Services Management	3 SCH
PHED 5000	Certified in Public Health (CPH) Exam	0 SCH
PHED 5197	Professional and Academic Development	1.5 SCH

### ELECTIVE COURSES from DO- ROME curriculum:

**12 SCH**

MEDE 7411		3 SCH
MEDE 7624		3 SCH
MEDE 7416		3 SCH
MEDE 7220		3 SCH

### CULMINATING EXPERIENCE:

**4.5 SCH**

PHED 5297	Public Health Practice Experience	1.5 SCH
PHED 5302	MPH – PO Capstone	3 SCH