



SCHOOL of
PUBLIC HEALTH



Office of Student & Academic Services

UNT Health Science Center
School of Public Health
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Doctor of Osteopathic Medicine / Master of Public Health (DO/MPH) Academic Year 2009-2010

The dual DO/MPH curriculum for the Doctor of Osteopathic Medicine (DO) and the Master of Public Health (MPH) is offered through the Texas College of Osteopathic Medicine (TCOM) and the School of Public Health (SPH). The curriculum is oriented toward medical students who want to supplement their training with practical public health experience. The program will typically require four, in some cases five years, to complete. Students who have been accepted to TCOM may apply to the DO/MPH program in any of the existing SPH concentrations beginning the spring or summer before their first year of medical school through the completion of their third year of medical school. Students in the DO/MPH program are required to complete 48 semester credit hours (SCH) of public health coursework to obtain the MPH degree. The MPH curriculum consists of four components: (1) the core masters curriculum which provides knowledge, skills and experience in the field of public health; (2) the departmental curriculum which provides knowledge, skills and experience in the student's area of concentration; (3) the concentration curriculum which provides knowledge, skills and experience in the student's concentration; and (4) the culminating experience of thesis in the concentration area which provides an in-depth research opportunity for osteopathic physicians family medicine and internal medicine practitioners in the field of public health.

Combining the two degrees, medicine and public health:

- fosters a better appreciation of the interplay between community factors and individual behaviors on the health status of patients;
- creates a better understanding of the basis of treatment and treatment outcomes for individual patients; and
- provides an understanding of the delivery of health services, including the economic and legal aspects.

By the conclusion of the DO/MPH program, a student will be able to:

1. Using recognized sources of health data, students will name the major causes of mortality in the U.S. based on age, gender and ethnicity as well as the modifiable and non-modifiable risk factors associated with each cause of mortality.
2. Describe the epidemiology, risk factors, diagnostic measures, evidence-based treatment protocols and preventive measures for each major disease affecting the U.S. population.
3. Identify and describe recommended clinical preventive services based on the individual's age, sex, and risk factor status using appropriate guidelines.
4. Describe how the characteristics of individuals and populations may affect the occurrence of disease and the provision and utilization of health services.
5. Describe the components of a culturally sensitive, community-responsive population-based health intervention.
6. Identify potential adverse health outcomes for defined populations at risk within the community and appropriate clinical preventive services to address them.
7. Describe the physician's responsibilities to public agencies.

8. Describe important aspects of global health.
9. Identify the roles of various health care providers, interdisciplinary health care team, consultation/referral sources, and community resources in providing preventative services and complementary clinical care.
10. Demonstrate the communication and psychomotor skills required to directly provide appropriate, recommended clinical preventative services.
11. Demonstrate the ability to read and critically analyze medical literature.
12. When given a clinical case, demonstrate the ability to discuss and appropriately recommend community resources in the Dallas/Fort Worth area.

Master of Public Health Curriculum (48 SCH)

CORE COURSES

	HOURS
BIOS 5300 Biostatistics for Public Health I	3 SCH
EOHS 5300 Environmental Health	3 SCH
EPID 5300 Principles of Epidemiology	3 SCH
HMAP 5300 Introduction to Health Management and Policy	3 SCH
SABS 5300 Theoretical Foundations of Individual and Community Health	<u>3 SCH</u>
	15 SCH

DEPARTMENT COURSES

	HOURS
Required Courses	6-12 SCH*
Selective Courses	<u>0-3 SCH*</u>
<i>** Number of required and selective courses is dependent upon the concentration selected</i>	12 SCH

PRACTICE EXPERIENCE

	HOURS
Dept 5397 Public Health Practice Experience	3 SCH

CULMINATING EXPERIENCE

	HOURS
Dept 5395 Thesis	6 SCH
OR	
HMAP Comprehensive Examination and Two (2) Additional Electives	6 SCH

TCOM TRANSFER CREDITS

	HOURS
Medical Competencies in Public Health	12 SCH

Total hours to complete MPH program: 48 SCH

- Students are responsible for completing all requirements of HMAP 5397 – Public Health Practice Experience during the medical student rotations. Students must be placed in a public health setting that is jointly determined by TCOM and the Director for the Center for Public Health Practice.