

EPIDEMIOLOGY CONCENTRATION

Epidemiology is the scientific study of patterns of disease and health, the differential impact on populations based on various factors, and disease spread. Scientists can work toward disease prevention, control, and health promotion by understanding the factors contributing to disease. Epidemiologists can work in different settings including communities, health departments, non-profits, hospitals, and other clinical settings. Epidemiology is an important subfield of public health as the discoveries can lead to evidence-based interventions, practices, and treatments, and inform health policy.

A Master of Public Health with a concentration in Epidemiology will include strong training in methods and data analysis. Measurement is at the core of this field. These skills are applied in cases of new diseases and spread, and in long-term monitoring or surveillance of various factors. Time trends can reveal the impact of prevention efforts and policies.

At UTSPHSA, students in the Epidemiology concentration will be taught methodological skills that can be applied across multiple content areas. The concentration will also include applying methodological and data techniques to timely and relevant topics for the local community, region, and beyond.

Fall		Credit Hours
PHEA 6001	Concepts in Public Health - From Person to Population	3
PHEA 6002	Perspectives and Decisions Through Public Health Data	3
PHEA 6003	Designing Public Health Inquiry: Quantitative and Qualitative Research Methods	3
Total Credit Hours:		9.0

Spring		Credit Hours
PHEA 6004	Health Promotion and Health Behaviors	3
PHEA 6005	Health Policy and Public Health Advocacy	3
PHEA 6006	Introduction to Environmental and Occupational Health	3
Total Credit Hours:		9.0

Summer		Credit Hours
PHEA 6026 Epidemiological Methods		
Elective Course		
PHEA 6397	Applied Practice Experience-Practicum	3
Total Credit Hours:		3.0

Fall		Credit Hours
PHEA 6027 Climate and Health Epidemiology		
PHEA 6028 Maternal and Child Health Epidemiology		

Elective Course			
Total Credit Hours:			0.0
Spring			Credit Hours
Elective Course			
Elective Course			
PHEA 6098	Discovery-Based Paper or Project		3
PHEA 6099	Capstone Experience		3
Total Credit Hours:			6.0