

# UNTHSC School of Public Health

## MPH – Epidemiology Concentration

The **Master of Public Health** program with a concentration in **Epidemiology** provides students with a foundation in the major public health concepts and the necessary tools to apply the core functions of epidemiology in practice, including public health surveillance, field investigations, and analytic studies. During the program, students will apply the knowledge and skills obtained to work collaboratively with professionals in practice to solve real-world, pressing issues and convert data into actions to improve the health of populations. Graduates of the program will be prepared to work as epidemiologists in local, state, and national public health settings, non-profit organizations, and healthcare settings. The program’s comprehensive curriculum provides students with the knowledge base to continue to doctoral-level studies.

Students in the Epidemiology concentration are admitted once a year in the Fall semester as a cohort, completing 48 hours of curriculum to graduate in five consecutive semesters. Students attend classes and co-curricular activities on campus, which are typically scheduled Monday through Friday from 9 AM to 6 PM.

Epidemiology Courses	Credit Hours	Total Hours
<b>Fall Semester</b>		
BACH 5300: Theoretical Foundations of Individual and Community Health	3	3
BIOS 5300: Principles of Biostatistics	3	6
EPID 5300: Principles of Epidemiology	3	9
EPID 5317: Epidemiologic Surveillance	3	12
<b>Spring Semester</b>		
BIOS 5310: Intermediate Biostatistics	3	15
EOHS 5300: Environmental Determinants of Health	3	18
EPID 5310: Intermediate Epidemiology	3	21
HMAP 5300: Introduction to Health Management and Policy	3	24
<b>Summer Semester</b>		
Elective – SPH course, requires advisor approval (online)	3	27
PHED 5100: Scope of Work	1	28
<b>Fall Semester</b>		
EPID 5313: Introduction to Data Management and Statistical Computing	3	31
EPID 5320: Infectious Disease Epidemiology	3	34
Elective – SPH course, requires advisor approval	3	37
PHED 5101: Capstone and ILE Experience	1	38
PHED 5000: CPH Comprehensive Examination	0	38
<b>Spring Semester</b>		
EPID 5312: Survey Research & Questionnaire Design	3	41
EPID 5314: Applied Data Analysis in Epidemiology	3	44
EPID 5318: Chronic Disease Epidemiology	3	47
PHED 5102: Final Applied Practice Experience	1	48

If you have any questions about the MPH Epidemiology coursework, please contact the **Office of Student and Academic Services** at either 817-735-0489 or [sph@unthsc.edu](mailto:sph@unthsc.edu)