

UNTHSC School of Public Health

MPH – Epidemiology Concentration

The **Master of Public Health (MPH)** program with a concentration in **Epidemiology** (48 credit hours) provides students with a foundation in the major concepts of public health and 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, converting 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 as infection prevention professionals in healthcare settings. The program's comprehensive curriculum provides students the knowledge base for certification in public health and certification as an associate in infection prevention.

Students in the MPH Epidemiology concentration are admitted once a year as a cohort. Full-time attendance is required and students are expected to complete 48 credit hours and graduate in five consecutive semesters. Students follow a weekly calendar of curricular and co-curricular activity that occupies 8-hour blocks of time, Monday through Friday.

MPH – Epidemiology Curriculum (cohort program completed in 5 consecutive semesters)

Courses	Credit Hours	Total Hours
Fall Semester		
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 5313: Introduction to Data Management and Statistical Computing	3	12
Spring Semester		
BIOS 5310: Intermediate Biostatistics	3	15
EPID 5310: Intermediate Epidemiology	3	18
EPID 5318: Chronic Disease Epidemiology	3	21
HMAP 5300: Introduction to Health Management and Policy	3	24
Summer Semester		
EOHS 5300: Environmental Determinants of Health (online)	3	27
PHED 5297: MPH Practice Experience	1	28
Fall Semester		
EPID 5314: Applied Data Analysis in Epidemiology	3	31
EPID 5320: Infectious Disease Epidemiology	3	34
Elective – SPH course, requires advisor approval	3	37
PHED 5297: MPH Practice Experience	1	38
PHED 5000: CPH Comprehensive Examination (exam on MPH core)	0	38
Spring Semester		
EPID 5312: Survey Research & Questionnaire Design	3	41
EPID 5317: Epidemiologic Surveillance	3	44
Elective – SPH course, requires advisor approval	3	47
PHED 5297: MPH Practice Experience	1	48

If you have any questions about the MPH Epidemiology coursework, please contact the **Office of Academic Services** at either 817-735-0489 or sphacademics@unthsc.edu