

# UNTHSC School of Public Health

## PhD in Public Health Sciences – Epidemiology

### MS – Epidemiology Concentration (Prerequisite for PhD)

Courses	SCH	Total
<b>Fall Semester (M1)</b>		
BIOS 5300: Principles of Biostatistics	3	3
EPID 5300: Principles of Epidemiology	3	6
EPID 5313: Introduction to Data Management and Statistical Computing	3	9
<b>Spring Semester (M1)</b>		
BIOS 5310: Intermediate Biostatistics	3	12
EPID 5310: Intermediate Epidemiology	3	15
PHED 5391: Topics in Public Health – Public Health Concepts	3	18
<b>Summer Semester (M1)</b>		
Thesis Proposal Development	0	18
<b>Fall Semester (M2)</b>		
BIOS 6314: Categorical Data Analysis	3	21
EPID 5314: Applied Data Analysis in Epidemiology	3	24
PHED 5391: Topics in Public Health – Scientific Writing	3	27
<b>Spring Semester (M2)</b>		
EPID 5312: Survey Research & Questionnaire Design	3	30
EPID 6395: Advanced Topics in Epidemiology – Advanced SAS/R	3	33
EPID 5395: Thesis (publishable paper)	3	36

### PhD – Epidemiology

Courses	SCH	Total
<b>Fall Semester (D1)</b>		
BIOS 6324: Survival Analysis	3	3
EPID 6310: Advanced Methods in Epidemiology 1	3	6
PHED 6314: Methods for Public Health Studies	3	9
Journal Club	0	9
<b>Spring Semester (D1)</b>		
BIOS 6322: Longitudinal Data Analysis	3	12
BIOS 6391: Advanced Topics in Biostatistics – Measurement	3	15
PHED 6118: Methods for Public Health Studies 2	1	16
PHED 6220: Scientific Grant Writing	2	18
Journal Club	0	18
<b>Summer Semester (D1)</b>		
EPID 6312: Advanced Methods in Epidemiology 2	3	21
EPID 6000: PhD Comprehensive Examination	0	21

#### Second year (D2) requirements

- Courses chosen by advisement (18 SCH)
- Publish at least 2 papers
- Journal club every semester
- Summer dissertation proposal defense

#### Third year (D3) – Dissertation

- Dissertation hours in Fall and Spring (12 SCH)