

REQUIREMENTS FOR THE DOCTOR OF PHILOSOPHY  
 EPIDEMIOLOGY  
 GRADUATE COLLEGE  
 THE UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER

For Students Entering the Oklahoma State System For Higher Education:  <b>Summer 2025 through Spring 2026</b>	<b>Minimum Credit Hours and Grade Point Averages Required</b>	<b>DOCTOR OF PHILOSOPHY - EPIDEMIOLOGY</b>  1226T
	Total Hours for Degree – <b>72</b> Major Hours – 50	
	<b>Grade Point Averages:</b> Overall: Combined OUHSC/Transfer – 3.0 Major: Combined OUHSC/Transfer - 3.0	

**PREREQUISITE REQUIREMENTS**

Master’s degree program (MPH or MS) in epidemiology or a related field with coursework in epidemiology and biostatistics. Additional consideration will be given to applicants who have completed a professional doctoral degree.

Prerequisite courses include:

- BSE 5163 Biostatistics Methods I or equivalent
- BSE 5013 Applications of Microcomputers to Data Analysis - SAS computing or equivalent
- BSE 5113 Principles of Epidemiology or equivalent
- BSE 5303 Epidemiology of Infectious Diseases or equivalent
- BSE 5363 Epidemiology and Prevention of Chronic Diseases or equivalent

Students may take these prerequisite courses during the doctoral degree program and these courses will apply towards the 90-credit hour requirement, but will not count toward the Required or Elective credit hour requirements.

Students who have not previously completed the core MPH courses or earned an MPH degree will be required to complete an overview course in public health. At the first opportunity students should enroll in:

- BSE 5033 Foundations and Overview of Public Health (3 credit hours)

**PHD - EPIDEMIOLOGY - CURRICULUM REQUIREMENTS**

**REQUIRED COURSES (10-11 credit hours)**

BSE 5193	Intermediate Epidemiology
BSE 6192	Grant Writing
BSE 6194	Adv. Epidemiologic Methods
BSE 5111	Scientific Integrity in Research
BMSC 6011	Integrity in Scientific Research II – if needed

**METHODS (6 credit hours)**

BSE 5343	Methods in Infectious Disease Epi. <b>OR</b>
BSE 6323	Molecular and Genetic Epidemiology <b>OR</b>
BSE 6193	Methods in Clinical Epidemiology

**BIOSTATISTICS (15 credit hours)**

BSE 5173	Biostatistics Methods II
BSE 5663	Analysis of Frequency Data
BSE 6643	Survival Data Analysis
BSE 6663	Multivariate Biostatistics
BSE 6563	Longitudinal Data Analysis

**ELECTIVE COURSES (6 hours)**

Various      Students must select at least 6 credit hours of elective courses in Epidemiology, in addition to those listed above. These must be approved by the student’s advisory committee. Courses: BSE 5980, 6950, or 6980 may not be used to satisfy this requirement.

**DISSERTATION (22-25 hours)**

BSE 6980	Research for Doctoral Dissertation (22-25 hours)
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Student’s advisory committee sets the remainder of any needed requirements to meet the 72 hours required for the degree.