

**The University of Oklahoma  
College of Public Health  
Department of Biostatistics and Epidemiology**



***Master of Science  
Epidemiology***

**Course Requirements**

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|---------------------------|-----------------|
| • One non-BSE core course | 3 credit hours  |
| • Required BSE courses    | 24 credit hours |
| • Elective BSE courses    | 12 credit hours |

A student who has not previously completed MPH core courses or earned MPH degree will be required to complete the overview course in public health in the first academic year of enrollment

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|--------------------------------------|----------------|
| • BSE 5960 Overview of Public Health | 3 credit hours |
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**Required Courses**

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|----------|---|
| BSE 5001 | Problems in Biostatistics and Epidemiology  |
| BSE 5013 | Applications of Microcomputers to Data Analysis   |
| BSE 5113 | Principles of Epidemiology  |
| BSE 5163 | Biostatistics Methods I   |
| BSE 5193 | Intermediate Epidemiologic Methods  |
| BSE 5980 | Research for Master's Thesis – 4 credit hours   |
| BSE 5303 | Epidemiology of Infectious Disease<br>or BSE 5363 Epidemiology & Prevention of Chronic Diseases |
| BSE 5111 | Scientific Integrity in Research  |
- One of the following epidemiologic methods courses:
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|----------|--|
| BSE 5343 | Methods in Infectious Disease Epidemiology |
| BSE 6323 | Molecular and Genetic Epidemiology         |
| BSE 5990 | Methods in Clinical Epidemiology – 3 hours |
| BSE 6194 | Advanced Epidemiologic Methods             |

**Elective Courses:**

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|---|----------------|
| Epidemiology Courses                              | 6 credit hours |
| Applied Biostatistics courses numbered above 5163 | 6 credit hours |

A minimum of 39 credit hours is required for the MS degree in Epidemiology

**Additional Degree Requirements:**

- Computer proficiency (met with BSE 5013)
- Basic knowledge of the biomedical sciences
- Comprehensive Examination
- Master's Thesis

*This degree program is subject to the policies and procedures printed in the University of Oklahoma College of Public Health Bulletin.*