

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



**Master of Science
Epidemiology**

Course Requirements

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| • Foundations and Overview of Public Health course | 3 credit hours |
| • Required BSE courses | 21 credit hours |
| • Elective BSE courses | 15 credit hours |

Any MS or PhD student who has not previously completed the core MPH courses or earned a 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 hours).

Required BSE 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 |
| <i>or</i> | BSE 5363 Epidemiology and Prevention of Chronic Diseases |
| BSE 5111 | Scientific Integrity in Research |

Elective BSE Courses:

At least nine additional hours in epidemiology courses, including at least one of the following epidemiologic methods courses:

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| • BSE 5343 Methods in Infectious Disease Epidemiology | 3 hours |
| • BSE 6323 Molecular and Genetic Epidemiology | 3 hours |
| • BSE 6193 Methods in Clinical Epidemiology | 3 hours |
| • BSE 6194 Advanced Epidemiologic Methods | 4 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 Hudson College of Public Health Bulletin.