

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



***Master of Science
Biostatistics***

Course Requirements

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

Any MS or PhD student who has not previously completed the core MPH courses or earned a MPH degree is required to complete an overview course in public in the first academic year of enrollment.

- BSE 5960 Overview of Public Health 3 credit hours

Required Courses:

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 5703 Principles of the Theory of Probability
BSE 5733 Principles of Mathematical Statistics I
BSE 5173 Biostatistics Methods II
BSE 5980 Research for Master's Thesis – 4 credit hours
BSE 5111 Scientific Integrity in Research

Elective Courses:

Epidemiology Courses 6 hours
Applied Biostatistics courses numbered above 5173 6 hours

A minimum of 39 hours is required for the MS degree in Biostatistics.

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.