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

Master of Science  
Biostatistics  

Course Requirements  
- Foundations and Overview of Public Health 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 health in the first academic year of enrollment.  
- BSE 5033 Foundations and 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.  

8/15/2019