

REQUIREMENTS FOR THE MASTER OF SCIENCE IN BIOSTATISTICS
GRADUATE COLLEGE
THE UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER

<p>For Students Entering the Oklahoma State System For Higher Education:</p> <p>Summer 2025 through Spring 2026</p>	<p style="text-align: center;">Minimum Credit Hours and Grade Point Averages Required</p> <hr/> <p style="text-align: center;">Total Hours for Degree – 39 Major Hours – 39</p> <hr/> <p>Grade Point Averages: Overall: Combined OUHSC/Transfer – 3.0 Major: Combined OUHSC/Transfer - 3.0</p>	<p style="text-align: center;">MASTER OF SCIENCE BIOSTATISTICS</p> <p style="text-align: center;">1226M</p>
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<p style="text-align: center;">PREREQUISITE REQUIREMENTS</p> <p>Bachelor's degree from an accredited institution</p> <p>Grade point average of 3.0 or above calculated using the upper-division coursework of the bachelor's degree.</p> <p>Proof of language proficiency for international applicants: TOEFL score of 88 or above for most programs. The MHA program requires a TOEFL score of 100 IBT.</p> <p>ADDITIONAL REQUIREMENT FOR ALL MPH PROGRAMS:</p> <p>All MPH applicants are required to have some mathematics in their undergraduate program. College Algebra will meet this requirement.</p>	<p style="text-align: center;">MS – BIOSTATISTICS - CURRICULUM REQUIREMENTS</p> <p>A minimum of 39 hours is required for the MS degree in Biostatistics.</p> <p>Any MS student who has not previously completed the core MPH courses or earned an MPH degree is required to complete an overview course in the first academic year of enrollment.</p> <p><i>BSE 5960 Overview of Public Health (3 hours)</i></p> <p>REQUIRED COURSES (24 credit hours)</p> <table> <tr> <td>BSE 5001</td> <td>Problems in Biostatistics and Epidemiology</td> </tr> <tr> <td>BSE 5013</td> <td>Applications of Microcomputers to Data Analysis</td> </tr> <tr> <td>BSE 5113</td> <td>Principles of Epidemiology</td> </tr> <tr> <td>BSE 5163</td> <td>Biostatistics Methods I</td> </tr> <tr> <td>BSE 5703</td> <td>Principles of the Theory of Probability</td> </tr> <tr> <td>BSE 5733</td> <td>Principles of Mathematical Statistics I</td> </tr> <tr> <td>BSE 5173</td> <td>Biostatistics Methods II</td> </tr> <tr> <td>BSE 5980</td> <td>Research for Master's Thesis (4 hours)</td> </tr> <tr> <td>BSE 5111</td> <td>Scientific Integrity in Research</td> </tr> </table> <p>ELECTIVE COURSES (12-15 credit hours)</p> <p>Epidemiology courses – 6 credit hours Applied Biostatistics courses above 5173 – 6 credit hours One non-BSE core course – 3 credit hours – if needed</p> <p>ADDITIONAL DEGREE REQUIREMENTS</p> <ul style="list-style-type: none"> • Computer literacy • Basic knowledge of the biomedical sciences • Comprehensive Exam • Master's Thesis 	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 hours)	BSE 5111	Scientific Integrity in Research
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