BIOSTATISTICS, M.S.

A minimum of 44 credit hours is required for the Master of Science with a major in Biostatistics. Students are required to have two semesters of calculus or will be expected to make up the deficit beyond the minimum program of study. Additional courses may be required to meet prerequisites or to accommodate electives. All department core courses must be passed with a grade of “B” or better. Failure to do so will necessitate repeating the course; these courses can only be repeated once.

Learning Outcomes

1. Students will interpret and implement the results of standard inferential methods to given scenarios.
2. Students will decipher and then communicate biostatistical analysis results.
3. Students will identify and execute/apply the most appropriate biostatistical techniques to public health scenarios.
4. Students will utilize biostatistical software packages to obtain, manage, and analyze public health data.
5. Students will design and communicate a thesis proposal.
6. Students will construct, obtain program approval of, and finish a submitted thesis.