

# MATH 3450 : Biostatistics I

Basic concepts leading to advanced applications in biostatistics. Topics include study design, data collection, descriptive statistics, probability and probability distributions, confidence intervals, hypothesis testing, power of statistical tests, and simple regression with an emphasis on applications in the biomedical sciences and biomedical research. Data will be analyzed using statistical software packages. Students may be required to register for MATH 1050 for this course.

**Credits** 4

**Course ID**

007483

**Semester Offered**

Fall

spring semesters