

MA 200: Introduction to Statistics

An introduction to the basic principles of statistics. Major topics include graphic, numeric, and algebraic summaries of data (graphs, measures of central tendency and spread, correlation and regression); elementary principles of sampling and experimental design; elementary probability; normal distributions and the central limit theorem; confidence intervals; and tests of significance. Focus on analysis of data using appropriate statistical techniques.

Hours: 3

Prerequisites:

MA 150 or higher.

Program: Mathematics

Semester Offered:

Fall,

Spring,

Online - Fall,

Online - Spring