

MAT 200 : Probability and Statistics

Fall, Spring, Summer

This course provides the student with an opportunity to learn and apply mathematical concepts. Applications include problems from various fields. Sources of data, sampling, collection methods and processing of statistical data, frequency distributions, measures of central tendency and dispersion, probability theory, confidence intervals, tests for significance, hypothesis testing, correlation, and regression analysis will be covered. Emphasis will be placed on concepts, definitions, and analysis. Most calculations will be done through MyStatLab with StatCrunch while a few will be done with formulas and a scientific calculator.

Credits 3

Prerequisites

Any 100-level MAT course or higher (or by placement test)