



Statistics 213 Introduction to Statistics I

Collection and presentation of data, introduction to probability, including Bayes' law, expectations and distributions. Properties of the normal curve. Introduction to estimation and hypothesis testing.

Course Hours: H(3-1-1T)

Prerequisite(s): Pure Mathematics 30 or Mathematics II (offered by Continuing Education).

Notes: See the statements regarding credit which appear at the beginning of the Statistics course listings.

Syllabus

Table with 2 columns: Topics and Number of hours. Topics include Exploratory Data Analysis, Regression and Correlation, Introduction to Probability, Conditional Probability, Random Variables, Discrete Distributions, Expectations and Variances, Continuous Random Variables, Sampling Distributions, and Estimation and Hypothesis Testing. Total hours sum to 36.
