

# MATH 1310 : Elementary Statistics

An intuitive approach to statistics. Analysis and description of numerical data using frequency distributions, histograms and measures of central tendency and dispersion, elementary theory of probability with applications of binomial and normal probability distributions, sampling distributions, confidence intervals, hypothesis testing, chi-square, linear regression, and correlation. A graphing calculator without a CAS (Computer Algebra System) is required; Texas Instruments TI-83 or TI-84 recommended. Prerequisite: Math 1150 or higher.

**Credits** 4.0

**Semester Offered**

fall/spring

**General Education Areas**

Math,

Reasoning Gen Ed