

MAT-12 — STATISTICS

About This Course

Transfer: UC, CSU

C-ID: (C-ID:SOCl 125)

4.00 units

Prerequisite: MAT-35 or MAT-37 or MAT-42 or qualifying placement level.

Description: A comprehensive study of measures of central tendency and variation, correlation and linear regression, probability, the normal distribution, the t-distribution, the chi-square distribution, estimation, testing of hypotheses, analysis of variance, and the application of statistical software to data, including the interpretation of the relevance of the statistical findings. Applications using data from business, education, health science, life science, psychology, and the social sciences will be included. 72 hours lecture. (Letter Grade, or Pass/No Pass option.)