
Statistics (STAT)

STAT C1000**Introduction to Statistics****(4)****Class Hours:** 72 Lecture**Prerequisite(s):** Placement as determined by the college's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.**Transfers to:** UC/CSU**C-ID:** MATH 110**Introduction to Statistics**

This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines.
