

STATISTICS (STAT)

STAT C1000 Introduction to Statistics

3 Units (Degree Applicable, CSU, UC, C-ID #: MATH 110)

UC Credit Limitation

Lecture: 54

Prerequisite: *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.*

Formerly MATH 110

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.

STAT C1000H Introduction to Statistics - Honors

3 Units (Degree Applicable, C-ID #: MATH 110)

Lecture: 54

Prerequisite: *Acceptance into the Honors Program and 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.*

Formerly MATH 110H

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. Students may not receive credit for both STAT C1000 and STAT C1000H.

STAT 10S Support Topics for Introduction to Statistics

2 Units (Not Degree Applicable)

(May be taken for Pass/No Pass only)

Lecture: 36

Corequisite: *STAT C1000 or MATH 110*

Formerly MATH 11

Support will focus on promoting mathematical reasoning, critical thinking skills, and essential skills needed for success in Introduction to Statistics. Course is for students concurrently enrolled in Introduction to Statistics (STAT C1000). Support 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.