

STATISTICS (STAT)

Credit Course

(also see Mathematics (<https://catalog.sbccc.edu/course-descriptions/math/>))

STAT C1000 Introduction to Statistics (4 Units)

Prerequisites: Placement as determined by SBCC's multiple measures assessment process or completion of a course taught at or above the level of intermediate algebra.

Hours: 72 (72 lecture)

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. (Formerly MATH 117 prior to Fall 2025.)

SBCC General Education: SBCCGE Area D2, SBCCGE Area E1, SBCCGE Area 2

Transfer Information: Cal-GETC Area 2, CSUGE Area B4, IGETC Area 2A, CSU Transferable, UC Transferable, Zero Cost Textbook Section

UC Transfer Limit: MATH 117, MATH 117A and MATH 117B, PSY 150 and SOC 125 combined: maximum credit, 1 course or series.

C-ID: MATH 110.