

STATISTICS (STAT)

STAT C1000 Introduction to Statistics Formerly: MATH 120 F Introductory Probability and Statistics

4 Units

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

72 hours lecture per term. 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 C1000E is comparable to STAT C1000 and may be used for the alleviation of substandard grades. Students who receive credit for STAT C1000 may not receive credit for STAT C1000E, STAT C1000H, PSY 161 F, PSY 161HF or SOSC 120 F. (Degree Credit) (CSU) (UC Credit Limitation: STAT C1000, STAT C1000E, STAT C1000H, PSY 161 F, PSY 161HF and SOSC 120 F combined; maximum credit, one course) AA GE, CSU GE, IGETC (C-ID: MATH 110)

STAT C1000H Introduction to Statistics - Honors Formerly: MATH 120HF Honors Introductory Probability Statistics

4 Units

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

72 hours lecture per term. 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. This is an honors course. Students who receive credit for STAT C1000H may not receive credit for STAT C1000, STAT C1000E, PSY 161 F, PSY 161HF or SOSC 120 F. (Degree Credit) (CSU) (UC Credit Limitation: STAT C1000, STAT C1000E, STAT C1000H, PSY 161 F, PSY 161HF and SOSC 120 F combined; maximum credit, one course) AA GE, CSU GE, IGETC (C-ID: MATH 110)

STAT C1000E Introduction to Statistics Formerly: MATH 121 F Introductory Probability and Statistics with Support

5 Units

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

90 hours lecture per term. 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. This course has embedded support. This course contains the same content as STAT C1000 and includes a fifth unit of instruction to help students who can benefit from additional support. Students who receive credit for STAT C1000E may not receive credit for STAT C1000, STAT C1000H, PSY 161 F, PSY 161HF or SOSC 120 F. (Degree Credit) (CSU) (UC Credit Limitation: STAT C1000, STAT C1000E, STAT C1000H, PSY 161 F, PSY 161HF and SOSC 120 F combined; maximum credit, one course) AA GE, CSU GE, IGETC