STATICS

Division of Mathematics/Statistics & Engineering
Dr. Daniel Styer, Dean
Rodda Hall North 300
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Statistics (STAT)

STAT 300  Introduction to Probability and Statistics  4 Units
Prerequisite: MATH 120, 121, or 124 with a grade of “C” or better with, or placement through the assessment process.
General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2
Course Transferable to UC/CSU
Hours: 72 hours LEC
This course is an introduction to probability and statistics. Topics include elementary principles and applications of descriptive statistics, counting principles, elementary probability principles, probability distributions, estimation of parameters, hypothesis testing, linear regression and correlation, and ANOVA. Scientific calculators with two-variable statistical capabilities are required for this class. (Competency: Mathematics)

STAT 480  Introduction to Probability and Statistics – Honors  4 Units
Prerequisite: MATH 120, 121, or 124 with a grade of “C” or better with, or placement through the assessment process.
General Education: AA/AS Area II(b); CSU Area B4; IGETC Area 2
Enrollment Limitation: Eligibility for the honors program
Course Transferable to UC/CSU
Hours: 72 hours LEC
This course is an introduction to probability and statistics designed for students in the honors program. Topics include elementary principles and applications of descriptive statistics, counting principles, elementary probability principles, probability distributions, estimation of parameters, hypothesis testing, linear regression and correlation, and ANOVA. Scientific calculators with two-variable statistical capabilities may be required for this class. This honors section uses an intensive instructional methodology designed to challenge motivated students. (Competency: Mathematics)

STAT 495  Independent Studies in Statistics  1-3 Units
Prerequisite: None.
Course Transferable to UC/CSU
Hours: 162 hours LAB
This is an independent studies course. The topics are to be arranged between the instructor and the student. UC transfer credit will be awarded only after the course has been evaluated by the enrolling UC campus. The units completed for this course cannot be counted towards the minimum 60 units required for admissions.

STAT 499  Experimental Offering in Statistics  .5-4 Units
Prerequisite: None
Course Transferable to UC/CSU
Hours: 54 hours LEC
See Experimental Offering. UC transfer credit will be awarded only after the course has been evaluated by the enrolling UC campus. The units completed for this course cannot be counted towards the minimum 60 units required for admissions.