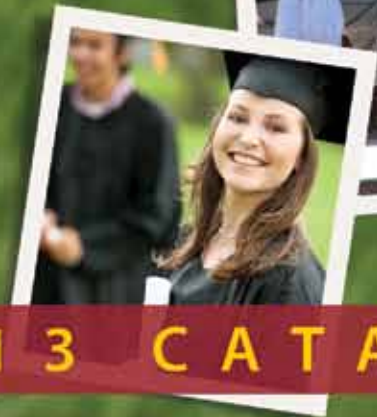
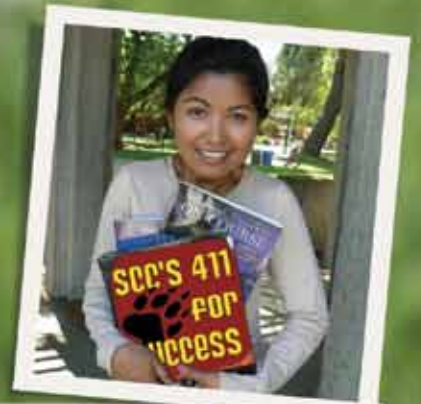


# SACRAMENTO CITY COLLEGE



2012-2013 CATALOG

Statistics

Division of Mathematics/Statistics & Engineering  
 Anne E. Licciardi, Dean  
 South Gym 220  
 916-558-2202

**STAT 300 Introduction to Probability and Statistics 4 Units**

*Prerequisite:* MATH 120 or 124 with a grade of "C" or better; or placement through the assessment process.  
*General Education:* AA/AS Area II(b); AA/AS Mathematics Competency; 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 may be required for this class.

**STAT 480 Introduction to Probability and Statistics - Honors 4 Units**

*Prerequisite:* MATH 120 or 124 with a grade of "C" or better; or placement through the assessment process.  
*General Education:* AA/AS Area II(b); AA/AS Mathematics Competency; 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.

**STAT 495 Independent Studies in Statistics 1-3 Units**

*Prerequisite:* None.  
*Course Transferable to UC/CSU*  
*Hours:* 54 hours LEC

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.