BS STATISTICS
2007-09 Cal Poly Catalog
Statistics Department
Faculty Offices East (25), Room 107D
(805) 756-2709

☐ 60 units upper division ☐ GWR
☐ 2.0 GPA ☐ USCP
* = Satisfies General Education requirement
Course sequencing: See flowcharts at
www.calpoly.edu/~cosamac

MAJOR COURSES
STAT 150 Introduction to Statistical Investigations 4
MATH 141 Calculus I (B1)* ........................... 4
MATH 142 Calculus II (B1)* .......................... 4
MATH 143 Calculus III ................................... 4
MATH 206 Linear Algebra I ............................. 4
MATH 241 Calculus IV .................................... 4
STAT 301 Statistics I ..................................... 4
STAT 302 Statistics II .................................... 4
STAT 323 Design and Analysis of Experiments I 4
STAT 324 Applied Regression Analysis ................. 4
STAT 325 Introduction to Probability Models .......... 4
STAT 330 Statistical Computing I: SAS ............... 4
STAT 425 Probability Theory .......................... 4
STAT 426 Estimation and Sampling Theory .......... 4
STAT 427 Mathematical Statistics ..................... 4
STAT 461 Senior Project I .................................. 1
STAT 462 Senior Project I ................................ 2
STAT 465 Statistical Communication and
Consulting .................................................. 4
1 CSC, MATH, STAT electives ....................... 11-12
Statistics electives (400 level) ......................... 12

SUPPORT COURSES
CSC/CPE 235 Fundamentals of Computer Science
for Scientists and Engineers or CSC/CPE 101
Fundamentals of Computer Science I ................. 4
MATH 248 Methods of Proof in Mathematics ....... 4
Advisor approved technical electives ............... 8

GENERAL EDUCATION (GE)
72 units required; 8 units are in Major.
→See page 56 for complete GE course listing.
→Minimum of 12 units required at the 300-400 level.

Area A Communication (12 units)
A1 Expository Writing ................................. 4
A2 Oral Communication ............................... 4
A3 Reasoning, Argumentation, and Writing ........ 4

Area B Science and Mathematics (8 units)
B1 Mathematics/Statistics * 8 units in Major ..... 0
B2 Life Science ......................................... 4
B3 Physical Science .................................... 4
B4 One lab taken with either a B2 or B3 course

Area C Arts and Humanities (20 units)
C1 Literature ............................................. 4
C2 Philosophy ......................................... 4
C3 Fine/Performing Arts .............................. 4
C4 Upper-division elective .......................... 4
Area C elective (Choose one course from C1-C4) 4

Area D/E Society and the Individual (20 units)
D1 The American Experience (40404) ........... 4
D2 Political Economy ................................. 4
D3 Comparative Social Institutions ................. 4
D4 Self Development (CSU Area E) ............... 4
D5 Upper-division elective .......................... 4

Area F Technology Elective (upper division)
(4 units) .................................................... 4

ELECTIVES ............................................... 9-10

180

Selected from the following: CSC/CPE 102, 236; CSC 342; MATH 242, 306, 335, 336, 406, 412, 431, 437, 451; STAT 400 level courses.