BS STATISTICS **2011-2013** *updated 04.13.11* **Units Required 18**

NOTE: This document can be used as a compact display of courses and other curricular requirements. The Degree Progress Report must be used to track students' progress in all degree requirements, throughout their Cal Poly career.

**** = Required in major: also satisfies GE course sequencing.***
Note: No course with STAT prefix may be taken as credit/no credit.

MAJOR COURSES (91)	*Units*
STAT 150 Intro to Statistical Investigation	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 & Analysis of Expmts I	4
STAT 324 Applied Regression Analysis	4
STAT 325 Intro to Probability Models	4
STAT 330 Stat Computing with SAS	4
STAT 331 Stat Computing with R	4
STAT 425 Probability Theory	4
STAT 426 Estimation & Sampling Theory	4
STAT 427 Mathematical Statistics	4
STAT 461 Senior Project I	1
STAT 462 Senior Project II	2
STAT 465 Statistical Comm & Consulting	4
Statistics electives Any 400-level STAT courses. A max. of 8 units can also be selected from the following: CSC/CPE 102, 103, 236; IME 430; MATH 242, 306, 335, 336, 406, 412, 437, 451, 452	20

SUPPORT COURSES (16)

CSC/CPE 235 Fund Comp Sci for Scientists and Engr *or* CSC/CPE 101 Fund of Comp Science I	4
MATH 248 Methods of Proof in Mathematics	4
[1]Approved support electives	8

GENERAL EDUCATION (GE)	**64**
72 units required, ***8 of which are listed in Major.*** **Minimum of 12 units required at the 300 level.**	
Area A Communication	**12**
A1 ENGL 133/134	4
A2 COMS 101/102	4
A3 Reason, Arg. & Writing	4
Area B Science and Mathematics	**8**
B1 Mathematics/Statistics **** 8 units in Major***	
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**
C1 Literature	4
C2 Philosophy: PHIL 230/231	4
C3 Fine/Performing Arts	4
C4 Upper-division elective	4
C1-C4 elective	4
Area D/E Society and the Individual	**20**
D1 Amer. Experience (40404)	4
D2 Political Economy	4
D3 Comp Social Institutions	4
D4 Self Develop (CSU Area E)	4
D5 Upper-division elective	4
Area F Technology (upper div)	**4**
Add'l GE Units (if needed)	

FREE ELECTIVES **9**

[1]Consultation with faculty advisor is required of students, to select and obtain approval for these courses. Students are requested to consult their advisors before the start of their junior year.

OTHER DEGREE REQUIREMENTS:

- **Cal Poly, Higher Ed, and Major GPA must all be at least 2.00**

All students must complete:

- **United States Cultural Pluralism Requirement**
- **Graduation Writing Requirement**
- **60 units Upper Division (any 300-400 level classes)**
- **Upper Division units in the Major: 27**
- **Residency Requirements: See Degree Progress Report for details**