BS STATISTICS

2015-2017 *updated 10.03.16* **Units Required 180**

NOTE: This document can be used as a compact display of courses and other curricular requirements at the time of publication of the 2015-2017 catalog. The Degree Progress Report must be used to track students' progress in all degree requirements, throughout their Cal Poly career.

Note: No course with a STAT prefix may be selected as credit/no credit.

MAJOR COURSES (95)		*Units*
STAT 150	Intro to Stat Investigations	4
MATH 141	Calculus I (B1)[1]	4
MATH 142	Calculus II (B1)[1]	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 305	Intro to Probability and Simulation	4
STAT 323	Design & Analysis of Experiments I	4
STAT 324	Applied Regression Analysis	4
STAT 330	Statistical Computing with SAS	4
STAT 331	Statistical Computing with R	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 II	2
STAT 465	Statistical Comm & Consulting	4
Statistics Electives:		
Select from List A below:		12
STAT 405, 416, 417, 418, 419, 421, 423		
Select from List B below:		12
Any 400-level STAT course (including those in List A), CSC/CPE 102, 103, 236, 349, 365, 369, CSC 348; DATA 301; IME 430; IT 303; MATH 242, 306, 335, 336, 406, 412, 413, 414, 437, 451		

SUPPORT COURSES (16)

CSC/CPE 101 or CSC/CPE 235	4
MATH 248 Methods of Proof in Mathematics	4
Approved support electives[2]	8

GENERAL EDUCATION (GE)		**64**
72 units required, *8 of which are specified in Major*		
Minimum of 12 units required at the 300 level.		
Area A Communication		**12**
A1	Expository Writing	4
A2	Oral Communication	4
A3	Reasoning, Argumentation & Writing	4
Area B Science and Mathematics		**8**
B1	Math/Statistics *(8 units in Major)*[1]	
B2	Life Science	4
B3	Physical Science	4
B4	One lab with B2 or B3	
Area C Arts and Humanities		**20**
C1	Literature	4
C2	Philosophy	4
C3	Fine/Performing Arts	4
C4	Upper-division elective	4
C1-C5 Elective		4
Area D/E Society and the Individual		**20**
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 (upper div)		**4**

FREE ELECTIVES **5**

OTHER DEGREE REQUIREMENTS:

- **Cal Poly, Higher Ed, and Major GPA must all be at least 2.00**
- **For students admitted Fall 2016 and after, a grade of C- or higher is required in GE A1, A2, A3, and one GE B1 course**

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**

[1] Required in Major; also satisfies GE.

[2] 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.