

BS STATISTICS

2020-2021

updated
01.21.20

Units Required 180

NAME _____

STUDENT ID _____

MINOR _____

- Cal Poly, Higher Ed, and Major GPA at least 2.00 [] YES [] NO
- US Cultural Pluralism Met [] YES [] NO
- 60 Units Upper-Division Met Taken/Remaining [] YES [] NO
- GWR Met [] YES [] NO
- Upper-Division GE Met Taken/Remaining [] YES [] NO
- Free Electives Met [] YES [] NO
- C- or higher in A1, A2, A3, and B4 [] YES [] NO
- Residency Requirements Met [] YES [] NO



CAL POLY

NOTE: This is a snapshot of the curriculum as originally published in the catalog. The Degree Progress Report (DPR) reflects updates to the published catalog. The DPR will be used to award your degree and calculate your EAP.

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

MAJOR COURSES (92)	Units	Grade	Grd Pts
STAT 150 Intro to the Discipline of Stat	2		
MATH 141 Calculus I (B4) ¹	4		
MATH 142 Calculus II (GE Elective) 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 330 Statistical Computing with SAS	4		
STAT 331 Statistical Computing with R	4		
STAT 334 Applied Linear Models	4		
STAT 365 Statistical Communication	2		
STAT 425 Probability Theory	4		
STAT 426 Estimation and Sampling Theory	4		
STAT 427 Mathematical Statistics	4		
STAT 466 Sr Proj - Statistical Consulting	4		
Statistics Electives			
Select 12 units from List A: STAT 405, 414, 415, 416, 417, 418, 419, 421, 423, 434	12		
Select 12 units from List B: Any 400-level STAT course (including those not used in List A); CSC/CPE 202, 203; CSC 236, 348, 349, 365, 369; DATA 301; IME 430; ITP 303; MATH 242, 306, 335, 336, 406, 412, 413, 414, 437, 451	12		

SUPPORT COURSES (16)

CSC/CPE 101 or CSC 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 English Language Comm & Critical Thinking

12

- A1 Oral Communication 4
- A2 Written Communication..... 4
- A3 Critical Thinking 4

Area B Scientific Inquiry & Quantitative Reasoning

12

- B1 Physical Science 4
- B2 Life Science 4
- B3 Laboratory Activity in B1 or B2 4
- B4 Math/Quant. Reasoning (4 units in Major)¹ 4
- Upper-division B 4

Area C Arts and Humanities

16

Lower-div. Area C courses must come from 3 different subject prefixes

- C1 Arts³ 4
- C2 Humanities³ 4
- Lower-Div. C Elect.: C1 or C2³ 4
- Upper-division C 4

Area D Social Sciences

16

Courses in D2 must come from 2 different subject prefixes

- D2 Lower-Division⁴ 4
- D2 Lower-Division⁴ 4
- Upper-division D 4

Area E Lifelong Learning and Self-Development

4

- Lower-Division E..... 4

GE Electives in Areas C or D

4

Select a course from Area C or D; may be lower- or upper- division

- GE Elective (GE Area C or D)..... 4
- GE Elective (4 units of Area B in Major)¹ 4

FREE ELECTIVES 8

¹ Required in Major; also satisfies General Education (GE) requirement.

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.

³ C1, C2, and C elective must come from three different subject prefixes.

⁴ Second D2 must be a different subject prefix from the first D2.