

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.

Note: No major, support or concentration courses may be selected as credit/no credit.

MAJOR COURSES (92-93)	<i>Units</i>
PHYS 141 General Physics IA	4
PHYS 132 General Physics II (B3 & B4) ²	4
PHYS 133 General Physics III	4
PHYS 206 Experimental Physics	3
PHYS 211 Modern Physics I	4
PHYS 212 Modern Physics II	4
PHYS 256 Electrical Measurements Lab	1
PHYS 301 Thermal Physics I	4
PHYS 302 Classical Mechanics I	4
PHYS 322 Vibrations and Waves	3
PHYS 405 <i>or</i> PHYS 412	4
PHYS 461 <i>or</i> PHYS 463	2
Select one course from the following: HIST 350; PHIL 321, 421; SCM 451	3-4
CHEM 127 General Chemistry I	4
CHEM 128 General Chemistry II	4
MATH 141 Calculus I (B1) ²	4
MATH 142 Calculus II (B1) ²	4
MATH 143 Calculus III	4
MATH 241 Calculus IV	4
MATH 244 Linear Analysis I	4
MATH/STAT elective (300-400 level; MATH 344 recommended)	4
Physics elective (300-400 level) ³ with at least one course from PHYS 323, 340, 341, 357, 417, 422, 423, 452; ASTR 444	16

¹ The following major courses cannot be taken as CR/NC grading: PHYS 132, 133, 256, 323, 340, 341, 342, 357, 417, 422, 423, 452; ASTR 444.

² Required in Major; also satisfies GE.

³ Care must be taken to ensure compliance with the "60 units of upper-division" requirement.

GENERAL EDUCATION (GE) **60**

72 units required, 12 of which are 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 **4**

B1 Math/Statistics (8 units in Major) ¹	
B2 Life Science.....	4
B3 Physical Science (4 units in Major) ¹	
B4 One lab with B2 or B3 (in major) ¹	

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..... **27-28³**

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: 18**
- **Residency Requirements: See Degree Progress Report for details**