

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 Major course with a lab component may be selected as credit/no credit.

Note: Students intending to double major must consult the Physics department chair, preferably prior to sophomore year.

MAJOR COURSES (112)	Units	Grade	Grd Pts
PHYS 141 Gen Physics IA	4		
PHYS 132 Gen Physics II (B1&B3) ^{1,2}	4		
PHYS 133 Gen Physics III ¹	4		
PHYS 202 Physics on the Computer	4		
PHYS 206 Electronics & Instrumentation ¹	4		
PHYS 211 Modern Physics I	4		
PHYS 212 Modern Physics II	4		
PHYS 301 Thermal Physics I	4		
PHYS 302 Classical Mechanics I	4		
PHYS 320 Methods of Theoretical Physics I	4		
PHYS 321 Methods of Theoretical Physics II	4		
PHYS 340 Quantum Physics Lab I ¹	2		
PHYS 341 Quantum Physics Lab II ¹	2		
PHYS 405 Quantum Mechanics I	4		
PHYS 408 Electromagnetic Fields & Waves I	4		
PHYS 461 Senior Project I	2		
PHYS 462 Senior Project II	2		
CHEM 124 Gen Chem for PSE I	4		
CHEM 125 Gen Chem for PSE II	4		
MATH 141 Calculus I (B4) ²	4		
MATH 142 Calculus II (GE Electives) ²	4		
MATH 143 Calculus III	4		
MATH 206 Linear Algebra I	4		
MATH 241 Calculus IV	4		
MATH 242 Differential Equations I	4		
Technical Electives	20		

Physics Electives^{1,3,4,5,6,7} - Select 11 units

Select *from any* 300 or 400-level PHYS prefix courses, or ASTR 444; two courses must be labs selected from PHYS 323, 342, 357, 417, 422, 423, 452; ASTR 444

Breadth Elective^{1,3,4,5,6} - Select 9 units

Select any 300 or 400-level PHYS/ASTR/GEOL /MATH/STAT/DATA/CSC/ CSC 101, 231, 234, 235 (excludes ASTR 324, CSC 302, CSC 310)

GENERAL EDUCATION (GE)

60

72 units required, 12 of which are specified in Major/Support

Minimum of 12 units required at the 300 level.

Area A English Language Comm and Critical Thinking

12

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

Area B Scientific Inquiry & Quantitative Reasoning

8

B1 Physical Science (4 units in Major)²
 B2 Life Science..... 4
 B3 Laboratory Activity (in Major)²
 B4 Math/Quant. Reasoning (4 units in Major)²
 Upper-Division B 4

Area C Arts and Humanities

16

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

C1 Arts⁸ 4
 C2 Humanities⁸ 4
 Lower-Division C Elective: C1 or C2⁸ 4
 Upper-Division C 4

Area D Social Sciences

16

D1 American Inst. (Title 5/40404)..... 4
Courses in D2 must come from two different subject prefixes

D2 Lower-Division D⁹ 4
 D2 Lower-Division D⁹ 4
 Upper-Division D 4

Area E Lifelong Learning and Self-Development

4

Lower-Division E 4

GE Electives in Area C and 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 B in Major)² 4

FREE ELECTIVES 8

¹ Major courses with a lab component may not be selected as CR/NC grading. Examples include: PHYS 132, 133, 206, 323, 340, 341, 342, 357, 417, 422, 423, 452; ASTR 444.

² Required in Major; also satisfies General Education (GE) requirement.

³ For students anticipating an industrial career, PHYS 323, 357, 412, 413, 423, and 452 are suggested.

⁴ For students anticipating graduate work in physics, PHYS 303, 401, 406, 409, 424, and MATH 408 are suggested. PHYS 357 is suggested for students who anticipate becoming experimental physicists.

⁵ Total combined elective credit in PHYS 400, 404, ASTR 400, 404, GEOL 400, and GEOL 404 limited to 8 units, with a maximum of 2 units per quarter.

⁶ ASTR 444 can be used only once in the Technical Electives. If used to meet the Laboratory Technical Elective, excess units will go into Physics or Breadth Electives.

⁷ Excess units will count towards Breadth Electives units.

⁸ C1, C2, and C elective must come from three different subject prefixes.

⁹ Second D2 must be a different prefix from the first D2.