



CAL POLY

Physics

BAILEY COLLEGE OF
SCIENCE & MATHEMATICS

WORKSHEET FOR THE PHYSICS MINOR 2022-2026 Catalog

After completing the worksheet to the best of your ability, please contact the Physics Minor Advisor, Prof. Karl Saunders, for a meeting - ksaunder@calpoly.edu.

Student's Name

Date

Empl. ID

Email

Phone

APPLICATION (Please check one)
 First Updated

Major

I. Required Courses 8

REQUIRED COURSES	QUARTER TAKEN	GRADE	UNITS
PHYSICS 143			4
PHYSICS 211			4

II. Physics/Astronomy Electives 16

Any upper division course (300-400 level) with prefix PHYS or PHYS 212. Students may also select a maximum of 4 units from ASTR 301, 302, 326, 444. Must include at least one of the following courses:

MUST INCLUDE AT LEAST 1 OF THE FOLLOWING COURSES	UNITS
PHYS 301 Thermal Physics	4
PHYS 305 Classical Mechanics I	4
PHYS 323 Optics	4
PHYS 405 Quantum Mechanics I	4
PHYS 408 Electromagnetic Fields and Waves I	4
PHYS 425 Solid State Physics	3

COURSE	QUARTER TAKEN/PLANNED	GRADE	UNITS

*Minimum 12 units upper division

Total Units _____
Units Required 24



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MINORS

Definition: A minor is defined as a coherent group of courses which stands alone and provides a student with broad knowledge of and competency in an area outside the student's major.

Majors/Minors

- A major and a minor may not be taken in the same degree program (e.g., a student majoring in history may not complete a minor in history, whereas a student majoring in crop science may complete a minor in plant protection).
- The minor will be completed along with the requirements for the bachelor's degree. Courses in the minor may be used to satisfy major, support and general education requirements.

Requirements

- Students who wish to complete a minor are to contact the department offering the academic minor as early as possible in the program and fill out the appropriate agreement form.
- A minor consists of 24 to 30 units with at least half of the units must be from upper-division courses (300- or 400-level) and at least half of the units must be taken at Cal Poly.
- Not more than one-third of the courses in a minor can be graded Credit/No Credit (CR/NC), except for courses which have mandatory CR/NC grading.
- A minimum 2.0 GPA is required in all units counted for completion of the minor (French, German and Spanish language minors must have a 2.75 GPA).
- Total credit in PHYS 400 and PHYS 404 limited to 4 units.

Minors/Graduation

- The minor is declared when the student requests a graduation evaluation in the Academic Records Office.
- The completion of the minor will be noted on the student's transcript but will not be shown on the diploma. In no case will a diploma be awarded for the minor.