

PHYSICS MAJOR, B.S. DEGREE (PY29)
 Total Units: 109

Lower Division (52 units)

UNITS YET TO COMPLETE

Physics 4A-B-C-D-E <i>or</i> Physics 2A-B-C-D ¹	20 or 16 _____
Physics 2CL and Physics 2DL	4 _____
Chemistry 6A or a programming course ²	4 or 8 _____
Math 18 ³ and 20A-B-C-D-E	24 _____

Upper Division (57 units)

1. Physics 100A-B, 105A, 110A, 120, 130A-B, 140A, and an additional laboratory course from the lab group: Physics 122, 124, 133, 164, 173 37 _____
2. Two courses from either the theoretical or experimental pre-grad-school sequence below 8 _____
 Theoretical pre-grad-school sequence: Physics 100C, 105B, 110B, 130C, 140B
 Experimental pre-grad-school sequence: Physics 100C, 110B, 124, 130C, 140B
3. Restricted Electives:
 Three upper-division (four-unit) or graduate courses in physics or mathematics (only one)⁴ 12 _____
 Elective Courses Taken: _____

MAJOR REGULATIONS

- LIMIT OF USE** A course that is listed in several areas cannot count towards more than one area and can satisfy only ONE of the major requirements.
- DOUBLE MAJORS** A student with a double major must fulfill the separate requirements of each major, and the equivalent of at least ten upper-division courses (forty units) must be unique to each major. Courses taken in fulfillment of lower-division requirements may overlap to any degree.
- GRADE REQUIREMENTS** A grade point average of 2.0 or higher in the upper-division major is required for graduation. Students must receive a grade of C– or better in all courses to be applied to the major. In exceptional cases, students with a grade point average of 2.5 or higher in the upper-division major may petition to have one grade of D accepted; approval is not guaranteed.
- P/NP GRADING OPTION** Not allowed for any courses applied to the major (the exception are courses completed via AP/IB and a single 4-unit Physics 199).
- PREREQUISITES** Check the General Catalog for the prerequisites to all listed courses.
- RESIDENCE REQUIREMENTS** At least nine upper-division courses in the major while in residence at UC San Diego.
- SUBSTITUTIONS** Permissible only by approved petition.

¹ The Physics 4 series is recommended, but the Physics 2 sequence is acceptable, in which case both Chemistry 6A and a programming course are required.
² Programming course options: CENG 15; CSE 5A, 7, 8A, 11, 12, 86; MAE 8; NANO 15
³ The Linear Algebra course previously numbered Math 20F is acceptable.
⁴ A max of one four-unit Physics 199 course can be applied. Courses in other science disciplines may be substituted by petition.