

PHYSICS DEPARTMENT
3019 BROIDA—PHONE: 805-893-4567
<http://www.physics.ucsb.edu>
 College of Letters and Science
 University of California, Santa Barbara

NAME _____
 Date _____ Perm # _____
**Note: See Major Progress Check on GOLD
 for full list of all degree requirements.**

PHYSICS MAJOR, B.A. – 2024-2025

Note: For those students who have not completed AP calculus BC with a score of 5, Physics 8 is strongly recommended before attempting any other physics course.

<u>PREPARATION FOR THE MAJOR</u>	<u>UNITS TO COMPLETE</u>
Physics 21-22-23-24-25	20 _____
Physics 20AL-BL-CL or 13AL-BL-CL.....	6 _____
Physics 29	2 _____
Mathematics 2A or 3A, 2B or 3B, 4A-B, 6A-B	24-26 _____
Two science electives, chosen from the following or in consultation with a faculty advisor:	
Astronomy 1, 2, Chemistry 1A or 2A, 1B or 2B, Earth 2, 9, 11, 20, EEMB 22 or W22 or MCDB 20, PSTAT 10	6-10 _____

UPPER-DIVISION MAJOR

42 units of approved UD Physics, Chemistry, Earth Science, EEMB, Engineering, Geography, Mathematics and MCDB courses are required, distributed, as follows:

- A. 24 units of UD physics..... 24 _____
 Courses taken: _____
- B. 8 units of UD physics laboratory chosen from the following courses:
 Physics 127AL, 127BL, 128AL, 129L, 134L..... 8 _____
 Courses taken: _____
- C. 10 units of UD Chemistry, EEMB, Engineering, Geography, Earth Science, Mathematics,
 MCDB, and Physics electives chosen in consultation with a faculty advisor..... 10 _____

A grade of C- or above is required in order to continue the sequence of upper-division courses.

MAJOR REGULATIONS

- PREREQUISITES**Check the *General Catalog* for the prerequisites to all listed courses.
- P/NP GRADING OPTION**Not allowed for any major courses, including courses applied to the major from other departments, with the exception of up to 8 units from the following courses: 142L, 143L, 144L, 145L, 198, 199.
- SUBSTITUTIONS**.....In the major requirements permissible only by petition to the department chair and dean.
- G.P.A REQUIREMENTS**.....At least 2.0 overall UC average in **all** upper-division major courses and **all** courses (Prep and UD) for the major.
- DOUBLE MAJORS**With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.