

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. – 2022-2023**

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.

PREPARATION FOR THE MAJOR**UNITS TO COMPLETE**

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 6-9 _____

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.