

**PHYSICS DEPARTMENT****3019 BROIDA—PHONE: 893-4567**<http://www.physics.ucsb.edu>

College of Letters and Science

University of California, Santa Barbara

NAME \_\_\_\_\_

Date \_\_\_\_\_ Perm # \_\_\_\_\_

**PHYSICS MAJOR, B.A. – 2016-2017**

Admission to the major requires completion of the preparation for the major. If Physics 1-2-3-4-5 is taken in place of Physics 20-21-22-23-24-25, it must be completed with an average grade of 2.70. Courses from the two sequences can be combined, for example Physics 1-2-3-24-25, with an average grade of 2.70 required in the courses taken from the Physics 1-2-3-4-5 sequence.

**PREPARATION FOR THE MAJOR****UNITS YET TO COMPLETE**

Physics 20-21-22-23-24-25 or (1-2-3-4-5 with an average grade of 2.70) ..... 17-23 \_\_\_\_\_

Physics 3L-4L-(5L or 25L) or 13AH-BH-CH ..... 3-6 \_\_\_\_\_

Chemistry 1A-B or 2A-B ..... 6 \_\_\_\_\_

Mathematics 3A-B, 4A-B, 6A-B ..... 24 \_\_\_\_\_

**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, 128BL ..... 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.

**Note:** All Bachelor of Arts candidates *must* have their lower division program approved by the corresponding Physics faculty advisor during the first quarter in which they have declared their major. All Bachelor of Arts candidates *must* have their upper-division program approved by the corresponding Physics faculty advisor before the beginning of classes in the fall quarter of the year in which they attain junior status.

**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 7 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.

**RESIDENCE REQUIREMENTS** ..... At least 20 UD units in major while in residence at UCSB.

**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, including courses in excess of minimum requirements.

**DOUBLE MAJORS** ..... With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.