PHYSICS DEPARTMENT

3019A BROIDA—PHONE: 893-4567

http://www.physics.ucsb.edu

College of Letters and Science

University of California, Santa Barbara

PHYSICS MAJOR, B.S. – 2009-2010

PREPARATION FOR THE MAJOR

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<tr>
<th>PHYSICS</th>
<th>UNITS YET TO COMPLETE</th>
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<tr>
<td>Physics 20-21-22-23-24-25 and 3L-4L-5L or 25L or 13AH-BH-CH</td>
<td>24-28</td>
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<td>Mathematics 3A-B-C and 5A-B-C</td>
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<td>Chemistry 1A-B or 2A-B</td>
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UPPER-DIVISION MAJOR

56 UD Physics units are required, distributed as follows:

A. Physics 100A ................................................................. 3
B. Physics 105A-B ............................................................. 6
C. Physics 110A-B .............................................................. 8
D. Physics 115A-B-C ........................................................... 12
E. Physics 119A ................................................................. 3
F. Physics 127AL ................................................................. 4
G. Physics 128AL-BL ............................................................ 6
H. UD physics elective courses, with no more than 7 units in the following laboratory courses:........... 14

Physics 127BL, 142L, 143L, 144L, 145L, 199

(With consent of the department chair, up to 4 units of UD Chemistry, EEMB, Engineering, Geography, Geology, Mathematics or MCDB may be applied to this elective requirement.)

Courses taken: __________________________

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

Note: All Bachelor of Science 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 Science 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, and again before the beginning of classes in the fall quarter of the senior year.

MAJOR REGULATIONS

PREREQUISITES................. Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION........ Not allowed for any major course (Prep or UD major), including courses applied to the major from other departments, with the exception of up to 8 units from the following Physics 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.