GEOPHYSICS MAJOR, B.S. – 2005-2006

An initial consultation with a departmental advisor is essential before embarking on the Geophysics major.

PREPARATION FOR THE MAJOR

A grade of C- or better is required in all courses in the major preparation.

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Units Yet to Complete</th>
</tr>
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<tbody>
<tr>
<td>Math 3A-B-C and 5A-B-C</td>
<td>24</td>
</tr>
<tr>
<td>Chemistry 1A-1AL-1B-1BL-1C-1CL or 2 series</td>
<td>12</td>
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<tr>
<td>Geology 2, 3, 14</td>
<td>11</td>
</tr>
<tr>
<td>Physics 1-2-3-3L-4-4L-5-5L (or Physics 21-22-23-3L-24-4L-25-5L)</td>
<td>20</td>
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<tr>
<td>One course from Computer Science 5AA-ZZ or 10</td>
<td>4</td>
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UPPER-DIVISION MAJOR

At least 44 UD units are required, distributed as follows:

A. A minimum of 35 units in Geology required as follows:
   - Geology 135 (Geophysics), 157 (Plate Tectonics) ...................................... 8
   - Geology 104A (Field Geology) ........................................................................... 4
   - Geology 136 ....................................................................................................... 5
   - Two courses from Geology 100, 103, 123, 134 .............................................. 8
   - Two units of Geology 160 ................................................................................... 2
   - Additional upper-division Geology units to bring the total to 35 units .......... 2

B. One sequence and an additional course (total: 3 courses) from:
   - ECE 130A-B .................................................................................................... 9-12

Recommended Electives: Statistics, advanced math, Geology 14, 18, 104B, 102A-B-C,
113, 124AA-ZZ, 173, 199RA; Geography 176A-B

Note: In addition, every student must be certified for technical writing competence. This is usually done in Geology 104A, see department. Writing 109ST is highly recommended.

MAJOR REGULATIONS

PREREQUISITES ....................................................... Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION ........................................ Not allowed for major courses (prep or UD major), including courses applied to the major from other departments.
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.
DOUBLE MAJORS .................................................. With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.