GEOPHYSICS MAJOR, B.S. – 2009-2010

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>
</thead>
<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>15</td>
</tr>
<tr>
<td>Geology 2, 3</td>
<td>8</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 8 or 16</td>
<td>4</td>
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UPPER-DIVISION MAJOR

44-47 UD units are required, distributed as follows:

A. A minimum of 35 units in Geology required as follows:
   - Geology 135 | 4 |
   - Geology 104A | 4 |
   - Geology 136 | 5 |
   - Two courses from Geology 100, 103, 123, 134 | 8 |
   - Two units of Geology 160 | 2 |
   - Geology 114A and 114B | 8 |
   - Additional upper-division Geology units to bring the total to 35 units | 4 |

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


Note: In addition, every student must be certified for technical writing competence (usually accomplished in Geology 104A). 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, 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.