GEOPHYSICS MAJOR, B.S. – 2003-2004

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 Details</th>
<th>Units</th>
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<tbody>
<tr>
<td>Math 3A-B-C and 5A-B-C</td>
<td>24</td>
</tr>
<tr>
<td>Chemistry 1A-AL-1B-BL-1C-CL or 2 series</td>
<td>12</td>
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<tr>
<td>Geology 2 and 3 and 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 including:
   - Geology 135 (Geophysics), 157 (Plate Tectonics)                       | 8     |
   - Geology 104A (Field Geology)                                         | 4     |
   - Geology 136                                                        | 5     |
   - Two courses from Geology 100, 103, 123, 133, 139                      | 8     |
   - Additional upper-division Geology units to bring the total to 35 units| 8     |
   - (Note: Geology 101, 110, 116SS will NOT apply).                      |       |
   - Two units of Geology 160                                             | 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, 173-173L, 199RA and 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 any major course (Prep or UD major), including courses applied to the major from other departments, except for up to 3 units of Geology 160.

**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 average in a) all UD major courses; and b) all major courses (Prep and UD) while in UC.

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

2/21/2003