GEOPHYSICS MAJOR, B.S. – 2007-2008

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</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>
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<tr>
<td>Geology 2, 3, 114A or 114B or equivalent</td>
<td>12</td>
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<tr>
<td>Physics 1-2-3-3L-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

44-47 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 | 8 |

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

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

Note: In addition, every student must be certified for technical writing competence (usually accomplished in Geology 104A). Writing 109ST is highly recommended.