EARTH SCIENCE MAJOR, B.A. – 2021-2022

An initial consultation with a departmental advisor is **essential** before embarking on the Earth Science major.

To be admitted to full major status, students must complete the 5 designated courses from the pre-Earth Science major with a 2.3 or higher grade-point average.

**PREPARATION FOR THE MAJOR**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units to Complete</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earth 2</td>
<td>4</td>
</tr>
<tr>
<td>Earth 3</td>
<td>4</td>
</tr>
<tr>
<td>Earth 18</td>
<td>1</td>
</tr>
<tr>
<td>Chemistry 1A-AL, 1B-BL, 1C-CL</td>
<td>15</td>
</tr>
<tr>
<td>Math 3A-B (or 2A-B) and 4A-B</td>
<td>16-18</td>
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<tr>
<td>Physics 1, 2, 3, 4 or Physics 6A-AL, 6B-BL, 6C-CL</td>
<td>12-14</td>
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Recommended: PSTAT 5A; Engineering 3 or another course in computer programming.

**UPPER-DIVISION MAJOR:**

45 UD units are required, distributed as follows:

A. Earth 104A ................................................................. 4
   Earth 105 ................................................................. 4
   Earth 114 ................................................................. 4
   Earth 115 ................................................................. 4
   Earth 122 ................................................................. 5
   Earth 134 ................................................................. 4
   Earth 160 (2 units) ................................................... 2

B. 18 units of upper-division Earth Science electives, chosen in consultation with an advisor ............. 18

Note: a maximum of 3 total units of Earth 160 can be applied to the major.

**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 Earth 18 and up to 3 units of Earth Science 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 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.