EARTH SCIENCE DEPARTMENT
1006 WEBB HALL—PHONE: 805-893-4831
http://www.geol.ucsb.edu
College of Letters and Science
University of California, Santa Barbara

EARTH SCIENCE MAJOR, B.S. – 2022-2023
PALEOBILOGY EMPHASIS

An initial consultation with a departmental advisor is essential before embarking on the 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>
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<tbody>
<tr>
<td>Earth 2</td>
<td>4</td>
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<tr>
<td>Earth 3</td>
<td>4</td>
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<tr>
<td>Math 34A-B and PSTAT 5LS or 5A; or Math 3A-B (or 2A-B) and 4A-B</td>
<td>13-18</td>
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<tr>
<td>Chemistry 1A-AL, 1B-BL, 1C-CL</td>
<td>15</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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<td>MCDB 1A</td>
<td>4</td>
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Recommended: Earth 18

UPPER-DIVISION MAJOR

54 UD units are required, distributed as follows:

A. Earth 104A or Earth 104G ................................. 4
   Earth 105 .......................................................... 4
   Earth 114 .......................................................... 4
   Earth 134 .......................................................... 4
   Earth 160 (2 units) ........................................... 2

B. Earth 111-111L .................................................. 6
   Earth 121 .......................................................... 4
   Earth 122 .......................................................... 5
   Two courses from: Earth 141, 143, 144, 148, or 149 .................................................. 8-9

C. 12-13 units from the list below chosen in consultation with an advisor: 12-13
   Earth 102A, 102B, 102C, 103, 106, 109, 113, 115, 117, 123, 124G, 124I, 124IG, 130, 157, 159, 163, 164B, 168, 169, 173, 175, 176, 177, 185, 186, 189, 190; Anthropology 180A, 180B; Geography 167
   Additional courses allowed if not used in the requirements above: Earth 141, 143, 144, 148, or 149.
   Additional courses from EEMB, MCDB, Earth Science and Anthropology may also be applicable by petition.

Note: Students are encouraged to consider a research project in paleobiology (Earth 199).

MAJOR REGULATIONS

PREREQUISITES ................................................. Check the General Catalog for the prerequisites to all listed courses.
P/NP GRADING OPTION .................................... Not allowed for any major courses (prep or UD major), including courses applied to the major from other departments, except for up to 3 units of Earth Science 160.
SUBSTITUTIONS ............................................... In the major requirements permissible only by petition to the department chair and dean.
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.