

**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

NAME \_\_\_\_\_  
 Date \_\_\_\_\_ Perm # \_\_\_\_\_

**Note: See Major Progress Check on GOLD  
 for full list of all degree requirements.**

**EARTH SCIENCE MAJOR, B.S. – 2021-2022**  
**PALEOBIOLOGY 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.

<b><u>PREPARATION FOR THE MAJOR</u></b>	<b><u>UNITS TO COMPLETE</u></b>
Earth 2 .....	4 _____
Earth 3 .....	4 _____
Math 34A-B and PSTAT 5LS or 5A; or Math 3A-B (or 2A-B) and 4A-B .....	13-18 _____
Chemistry 1A-AL, 1B-BL, 1C-CL .....	15 _____
Physics 1, 2, 3, 4 or Physics 6A-AL, 6B-BL, 6C-CL .....	12-14 _____
MCDB 1A-B, EEMB 2-3, and either (MCDB 1AL and MCDB 1BL or EEMB 2L, and EEMB 3L) or (MCDB 1LL and EEMB 2LL) .....	16 _____

Recommended: Earth 18

**UPPER-DIVISION MAJOR**

54 UD units are required, distributed as follows:

A. Earth 104A.....	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 143, 144, 148, 149 or EEMB 102 .....	8-9 _____
C. 12-13 units from the list below chosen in consultation with an advisor: .....	12-13 _____
Earth 102B, 157, 159, 164B, 189, 190; Anthropology 180A, 180B; EEMB 101, 103A, 106, 107, 108, 112, 113, 116, 118, 120, 127, 129, 130, 133, 140; Geography 167; MCDB 112; or a set of courses approved through petition.	
Additional courses allowed if not used in the requirements above: Earth 143, 144, 148, 149, or EEMB 102	

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

**MAJOR REGULATIONS**

<b>PREREQUISITES</b> .....	Check the <i>General Catalog</i> for the prerequisites to all listed courses.
<b>P/NP GRADING OPTION</b> .....	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.
<b>SUBSTITUTIONS</b> .....	In the major requirements permissible only by petition to the department chair and dean.
<b>RESIDENCE REQUIREMENTS</b> .....	At least 20 UD units in major while in residence at UCSB.
<b>G.P.A REQUIREMENTS</b> .....	At least 2.0 overall UC average in <b>all</b> upper-division major courses <b>and all</b> courses (Prep and UD) for the major.
<b>DOUBLE MAJORS</b> .....	With the approval of each department chairperson, up to a total of 8 units may be applied simultaneously to both UD majors.