

**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. – 2022-2023**  
**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.

**PREPARATION FOR THE MAJOR**

**UNITS TO COMPLETE**

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 .....	4 _____

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**

<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>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.