

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

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

**EARTH SCIENCE MAJOR, B.S. – 2016-2017**  
**Geohydrology Emphasis**

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**

**UNITS YET TO COMPLETE**

Earth 2 .....	4	_____
Earth 3 or 4 (Note: Earth 3 required for 122) .....	4	_____
Earth 18 .....	1	_____
Chemistry 1A-AL, 1B-BL, 1C-CL .....	15	_____
Math 3A, 3B, 4A-B .....	16	_____
Physics 1, 2, 3, 4 or Physics 6A-AL, 6B-BL, 6C-CL .....	12-14	_____

Recommended: Math 6 series, computer programming (i.e., Engineering 3); statistics.

**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 103 or 122 .....	5	_____
	Earth 113, 117, or 137 .....	4 or 5	_____
	Earth 168 or 169 .....	4	_____
	Earth 173 .....	5	_____
C.	17-18 units from the list to bring Upper Division total to 54 units: .....	17-18	_____
	Earth 100, 103*, 104B, 106, 108, 111, 113*, 115, 117*, 118 or 119, 122*, 124AA-ZZ, 125, 126, 130, 164B, 168*, 169*, 176, 192, 196HA-HB-HC, 197H, 199; Environmental Studies 114A or 114B (same courses as Geography 114A and 114B), 134, 144; Geography 112, 114A or 114B (same courses as Environmental Studies 114A and 114B), 134, 162, 176B		

\*Note: courses can only be applied to area C if not used in area B.

**MAJOR REGULATIONS**

<b>PREREQUISITES</b> .....	Check the General Catalog for the prerequisites to all listed courses.
<b>P/NP GRADING OPTION</b> .....	Not allowed for any major course (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 all upper-division major courses and all courses (Prep and UD) for the major, including courses in excess of minimum requirements.
<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