

**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**  
**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.

<b><u>PREPARATION FOR THE MAJOR</u></b>	<b><u>UNITS TO COMPLETE</u></b>
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-B (or 2A-B) and 4A-B.....	16-18 _____
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 Environmental Studies 144 (or Geography 144).....	4 _____
Earth 168 or 169 .....	4 _____
Earth 173 (or Geography 116) .....	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, 157 164B, 168*, 169*, 176, 192, 196HA-HB-HC, 197H, 199; Environmental Studies 134, 144* (or Geography 144*); Geography 112, 134, 162, 176B	

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

**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