

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. – 2019-2020
Geophysics 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.

<u>PREPARATION FOR THE MAJOR</u>	<u>UNITS YET TO COMPLETE</u>
Math 3A-B (or 2A-B) and 4A-B and 6A-B	24-26 _____
Chemistry 1A-1AL-1B-1BL-1C-1CL or 2 series	15 _____
Earth 2 and one of either Earth 3 or Earth 4	8 _____
Physics 1-2-3-3L-4-4L-5-5L (or Physics 21-22-23-3L-24-4L-25-5L)	20 _____
One course from Computer Science 8 or 16.....	4 _____

Recommended: Writing 109ST

UPPER-DIVISION MAJOR

47-48 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. Two courses from Earth 100, 103, 123, 131, 157.....	8 or 9 _____
Earth 133 or 135	4 _____
Earth 136	5 _____
4 units of upper division of electives in Earth Science.....	4 _____
C. 8 Units of Upper Division courses from Math, Physics or Engineering: Recommended courses are: Math 104A-B, 122A-B, 124A-B, 144A-B; Physics 101, 102, 103, 104, 110A-B; ECE 130A-B.....	8 _____

Recommended Electives: Statistics, advanced math, Earth 18, 100, 102A, 102C, 103, 104B, 113, 122, 123, 124AA-ZZ, 126, 157, 173 (or Geography 116), 176, 199RA; Geography 176A-B

Preparation for Earth and Planetary Science: Students interested in careers or graduate study in Earth and Planetary Science are recommended to take Earth 123, 159 and Geography 110.

MAJOR REGULATIONS

PREREQUISITES	Check the <i>General Catalog</i> 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.
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.