

UNIVERSITY OF CALIFORNIA, SANTA CRUZ
NEW STUDENT MAJOR ADVISING SUMMARY FOR 2018-2019 FROSH

Students are admitted to UCSC with a "proposed major" in most cases, and later petition to officially declare the major. Admission to UCSC does not guarantee acceptance into a particular major. Students must be declared in a major by the end of the second year (or equivalent), so learning about and preparing for a major is a primary goal for first-year students.

Major: EARTH SCIENCES, B.S.

Importance of an early start:	This major is not highly sequential or course intensive. Although it is advisable to begin taking courses toward the major in the first year, it is not required.
Qualification requirements and/or prerequisites for the major:	To qualify for any of the Earth sciences majors, students must complete one of the following courses, or their equivalents, with a grade of C or better: <ul style="list-style-type: none"> ● EART 5: <i>California Geology</i> ● EART 10: <i>Geologic Principles</i> ● EART 20: <i>Environmental Geology</i>
Frosh who intend to pursue this major should do the following things prior to the beginning of fall term...	<ul style="list-style-type: none"> ❑ Determine your math placement by completing an assessment in ALEKS as soon as possible, and by July 16 at the very latest. See https://mathcoach.sites.ucsc.edu for information about ALEKS. If you completed a college-level math course, or scored 3 or better on an AP calculus exam, or 5 or better on an IBH mathematics exam, you may be able to use that for placement instead of the ALEKS assessment. See https://mathcoach.sites.ucsc.edu/courses/course-credit/ for information on placement based on college courses or AP/IBH. ❑ Students can take the Chemistry Self Assessment https://www.chemistry.ucsc.edu/academics/undergraduates/First%20Year%20Students/chemistry_self_assessment.html for assistance in determining when to begin in general chemistry. ❑ Students who have taken college-level transferable classes that may apply to the requirements of this major should submit an unofficial transcript to the Earth and planetary sciences (epsadvising@ucsc.edu) adviser prior to July 1, in addition to the official transcript that is required by the UCSC Admissions Office.
...and should take these courses their first term:	The appropriate mathematics course based on placement and EART 5/L. See sample academic plan at: https://eps.ucsc.edu/undergraduate/NEW-undergrad-studies/academic_planning.html
Sample first year plan:	<p>Fall: MATH 3: <i>Precalculus</i> EART 5/L: <i>California Geology</i></p> <p>Winter: MATH 11A: <i>Calculus with Applications</i> CHEM 1A: <i>General Chemistry</i></p> <p>Spring: MATH 11B: <i>Calculus with Applications</i> CHEM 1B/M: <i>General Chemistry</i></p>
Skills important for success in this major:	Science majors require skills in critical and logical thought, complex problem solving using scientific rules and methods, and deductive and inductive reasoning.
Other information:	Concentrations in the major include: Geology, Environmental Geology, Ocean, and Planetary Science.
Links to More Information:	http://admissions.ucsc.edu/academics/majors/ (general info) http://registrar.ucsc.edu/catalog/programs-courses/ (major requirements, course descriptions, etc.) https://eps.ucsc.edu/undergraduate/ (program website)

Questions?
Contact an Adviser!
Jade Loftus
502-7070 or epsadvising@ucsc.edu

A234A Earth and Marine Sciences Building