INTRODUCTORY REQUIREMENTS

Calculus:  MATH 11A (FWS) ___ OR MATH 19A (FWS) ___
          MATH 11B (FWS) ___ OR MATH 19B (FWS) ___

Chemistry: CHEM 1A (FWS) ___ + CHEM 1B/M (FWS) ___ + CHEM 1C/N (FWS) ___

Geology:  ONE from the following...
          EART 5/L California Geology Laboratory (F) ___
          EART 10/L Geological Principles Laboratory (S) ___
          EART 20/L Environmental Geology Laboratory (S) ___ (recommended)

Environmental Studies:  ENVS 25 (W) ___

Biology:  BIOL 20A (FWS) ___
          BIOE 20B (FWS) ___
          BIOE 20C (FWS) ___

Physics:  PHYS 6A/L (FWS) ___ + PHYS 6 B/M (WS) ___ (preferred)
          OR PHYS 5A/L (F) ___ + PHYS 5B/M (W) ___

ADVANCED REQUIREMENTS

EART 110A/L Evolution of the Earth/Lab (F) ___
EART 110B/M Earth as a Chemical System/Lab (W) ___
BIOE 107 Ecology (WS) ___
EART 190 Earth Science Mentorship (F) ___ (Optional)

Electives:  FOUR upper-division electives, 5 or more credits each, chosen from EART or OCEA course offerings

Recommended Electives:

EART 100/L Vertebrate Paleontology/Lab (*) ___
EART 101/L Invertebrate Paleobiology/Lab (F) ___
EART 102 Marine Geology (*) ___
EART 104 Geologic Hazards (F) ___
EART 105 Coastal Geology (F) ___
EART 107 Remote Sensing of the Environment (W) ___
EART 109/L Elements of Field Geology/ Lab (FS) ___
EART 110C/N The Dynamic Earth/Lab (S) ___
EART 111 Mathematics in the Earth Sciences (F) ___
EART 116 Hydrology (*) ___
EART 119 Introduction to Scientific Computing (W) ___
EART 120/L Sedimentology & Stratigraphy/Lab (S) ___
EART 121 The Atmosphere (*) ___
EART 125 Stats/Data Analysis in Geo Sciences (*) ___
EART 128 Isotopes (W) ___
EART 140/L Geomorphology/Lab (W) ___
EART 142 Engineering Geology (*) ___
EART 146 Ground Water (W) ___
EART 148 Glaciology (S) ___
EART 150/L Structural Geology/Lab (F) ___

Environmental Electives:  TWO additional 5-unit upper division courses with environmental topics from the following...
                         BIOE, BIOL, CHEM, EART, ENVS, METX, OCEA ___ ___

NOTE: Courses may be used to satisfy both the elective and DC requirements

DC Requirement:

TWO of the four required electives MUST be from the following
Earth Sciences Disciplinary Communication Curriculum...
EART 100 Vertebrate Paleontology (*) ___
EART 101 Invertebrate Paleobiology (F) ___
EART 102 Marine Geology (*) ___
EART 104 Geologic Hazards (F) ___
EART 109 Elements of Field Geology (FS) ___
EART 116 Hydrology (*) ___
EART 120 Sedimentology and Stratigraphy (S) ___
EART 125 Stats/Data Analysis in Geo Sciences (*) ___
EART 140 Geomorphology (W) ___
EART 146 Ground Water (W) ___
EART 148 Glaciology (S) ___
EART 150 Structural Geology (F) ___
EART 152 Tectonics (S) ___
EART 160 Planetary Sciences (F) ___
EART 188A Summer Field Internship (S) ___
EART 191 Climate Change Science and Policy (W) ___
EART 195 Senior Thesis (FWS) ___

COMPREHENSIVE REQUIREMENT

ONE from the following list of Senior Capstone options...
Summer Senior Field Internship:  EART 188A (S) ___ + 188B (S) ___ (EART 109/L is a prerequisite)
Senior Thesis:  Generally requires 3-quarter commitment, enroll in EART 195 (FWS) ___
Graduate course or seminar: Must achieve grade of B or better; course must be 5-units and include written report ___
EART 191 Climate Change & Policy (W) ___
Internship:  Must complete written report, may enroll in EART 198 (FWS) ___

NOTE: none of the above may count toward fulfilling an upper-division elective if used as a capstone.