INTRODUCTORY REQUIREMENTS

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

Advanced Mathematics: EART 111 (F) ___ OR MATH 22 (WS) ___ OR MATH 23A (FWS) ___

General 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) ___

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

Additional Science: PHYS 6C/N (FS) ___ OR PHYS 5C/N (S) ___ OR CHEM 108A/L (FW) ___

ADVANCED REQUIREMENTS

EART 110A/L Evolution of the Earth (F) ___
EART 110B/M Earth as a Chemical System (W) ___
EART 110C/N The Dynamic Earth (S) ___
EART 190 Earth Science Mentorship (F) ___ (Optional)

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

NOTE: 5 credits of internship (EART 198) or Independent Study (EART 199) may be substituted for 1 upper division elective

Analysis Electives:
- TWO of the four required electives must be from the following...
- EART 107 Remote Sensing of the Environment (W) ___
- EART 109/L Elements of Field Geology (FS) ___
- EART 116 Hydrology (*) ___
- EART 117/L Paleomagnetism Laboratory (*) ___
- EART 119 Introduction to Scientific Computing (W) ___
- EART 120/L Sedimentology and Stratigraphy Lab (S) ___
- EART 130/L Magmas and Volcanos Laboratory (S) ___
- EART 140/L Geomorphology (W) ___
- EART 142 Engineering Geology (*) ___
- EART 146 Ground Water (W) ___
- EART 148 Glaciology (S) ___
- EART 150/L Structural Geology (F) ___
- EART 168 Reflection Seismology (*) ___

DC Requirement:
- TWO of the four required electives must be from the following...
- Earth Sciences Disciplinary Communication Curriculum...
- EART 100 Vertebrate Paleontology (W) ___
- 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) ___

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

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.