

Name: _____

Date: _____

(Quarter offered: F=Fall, W=Winter, S=Spring, *=Not offered this year) ID#: _____

INTRODUCTORY REQUIREMENTS

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

Advanced Mathematics: EART 111 (F) ___ (recommended) **OR** MATH 22 (W) ___ **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 (W) ___
EART 20/L Environmental Geology & Laboratory (S) ___

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

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) ___ (One Credit; Optional)

Electives: Complete six elective courses (5+ credits each) from upper-division Earth Sciences or Ocean Sciences offerings

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

Lab/Field Intensive Requirement

TWO of the six required electives must be from analysis list

EART 107 Remote Sensing of the Environment (F) ___
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 125 Statistics and Data Analysis in the Geosciences (W) ___
EART 130/L Magmas and Volcanoes Laboratory (S) ___
EART 140/L Geomorphology (W) ___
EART 142 Engineering Geology for e Scientists (*) ___
EART 146 Ground Water (S) ___
EART 148 Glaciology (W) ___
EART 150/L Structural Geology (F) ___
EART 188A Summer Field Internship (S) ___
EART 188B Geographic Information Systems w/ Applications (S) ___

DC Requirement:

TWO required courses 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 120 Sedimentology and Stratigraphy (S) ___
EART 140 Geomorphology (W) ___
EART 146 Ground Water (S) ___
EART 148 Glaciology (W) ___
EART 150 Structural Geology (F) ___
EART 152 Tectonics (W) ___
EART 160 Planetary Sciences (F) ___
EART 188A Summer Field Internship (S) ___
EART 191 Climate Change Science and Policy (*) ___
EART 195 Senior Thesis (FWS) ___

NOTE: Courses may simultaneously satisfy both the laboratory or field data acquisition/analysis and DC requirements.

COMPREHENSIVE REQUIREMENT OPTIONS

ONE from the following list of Senior Capstone options:

Summer Senior Field: EART 188A (S) ___ + 188B (S) ___ (EART 109/L is a prerequisite)

Senior Thesis: enroll in EART 195 (FWS) ___ in the quarter that the thesis will be completed (required)

Graduate course or seminar: Must achieve grade of B or better; course must be 5-units and include written report ___

EART 191 Climate Change Science & Policy (S) ___ (or other approved senior seminar course)

Internship: Must complete written report, may enroll in EART 198 (FWS) ___ (Required)

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