EARTH SCIENCES B.S. 2011/12

Name: _______________________________ Date: _______________________________

ID#: _______________________________

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

NOTE: Courses appearing in more than one category can fulfill only one requirement.

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 (W) ___

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

Additional Science: PHYS 6C/N (FS) ___ OR PHYS 5C/N (S) ___
                    OR CHEM 108A/L (FW) ___ OR CHEM 112A/L (F) ___

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)

Analysis Electives: TWO from the following...
                    EART 109/L Elements of Field Geology (FS) ___
                    EART 116 Hydrology (W) ___
                    EART 117/L Paleomagnetism Laboratory (S) ___
                    EART 119 Introduction to Scientific Computing (W) ___
                    EART 120/L Sedimentology and Stratigraphy Laboratory (S) ___
                    EART 130/L Magmas and Volcanos Laboratory (S) ___
                    EART 140/L Geomorphology (W) ___
                    EART 142 Engineering Geology for environmental Scientists (S) ___
                    EART 146 Ground Water (W) ___
                    EART 148 Glaciology (S) ___
                    EART 150/L Structural Geology (F) ___
                    EART 168 Reflection Seismology (*) ___

General Electives: TWO additional electives chosen from...
                   Earth & Planetary Sciences General Electives List ___ ___

COMPREHENSIVE REQUIREMENTS

ONE from the following ...
Senior Field Internship EART 188A (S) ___ + 188B (S) ___
          (EART 109/L is a prerequisite)

ONE 5-unit graduate course or seminar ___
Senior Thesis ___