

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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

ID#: \_\_\_\_\_

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

**INTRODUCTORY REQUIREMENTS****Calculus:** MATH 11A (FWS) \_\_\_ + 11B (FWS)**OR** MATH 19A (FWS) \_\_\_ + 19B (FWS)**Chemistry:** CHEM 1A (FWS) \_\_\_ + CHEM 1B/M (FWS) \_\_\_ + CHEM 1C/N (FWS) \_\_\_**Biology:** BIOL 20A (FWS) \_\_\_

BIOE 20B (FWS) \_\_\_

BIOE 20C (FWS) \_\_\_

**Geology:** One from the following...

EART 5/L California Geology (preferred) (F) \_\_\_ (strongly recommended)

EART 10/L Geological Principles (W) \_\_\_

EART 20/L Environmental Geology (S) \_\_\_

**Physics:** PHYS 6A/L (FWS) \_\_\_ + PHYS 6B/M (WS) \_\_\_**Astronomy:** ASTR 2 Overview of the Universe (FWS) \_\_\_ (recommended)**OR** any lower division ASTR course \_\_\_**Advanced Math:** ONE from the following...

AMS 5 Statistics (FWS) \_\_\_

EART 111 Mathematics in Earth Sciences (F) \_\_\_

MATH 21 Linear Algebra (FWS) \_\_\_

MATH 22 Calculus of Several Variables (WS) \_\_\_

**Education:** EDUC 50C Cal Teach 1: Science (2 units) (FW) \_\_\_**ADVANCED REQUIREMENTS****Earth Science:** EART 110A/L Evolution of the Earth (F) \_\_\_

EART 110B/M Earth as a Chemical System (W) \_\_\_

EART 109/L Elements of Field Geology (FS) \_\_\_ **OR BOTH** EART 120/L (S) \_\_\_ +

EART 150/L (F) \_\_\_

**Ocean Science:** OCEA 102 Oceans and Climates: Past, Present, and Future (\*) \_\_\_**Education:** EDUC 100C Cal Teach 2: Science (2 units) 2 (S) \_\_\_

EDUC 185C Introduction to Teaching Science (S) \_\_\_

EDUC 185L Introduction to Teaching: Cal Teach 3 (3 units) (S) \_\_\_

**Science Elective:** ONE upper-division EART or OCEA course \_\_\_**Laboratory:** ONE upper-division course in EART or OCEA that requires a 1 or 2 unit lab \_\_\_**Education Elective:** ONE from the following...

EDUC 128 Immigrants and Education (F) \_\_\_

EDUC 141 Bilingualism and Schooling (W) \_\_\_

EDUC 164 Urban Education (\*) \_\_\_

EDUC 181 Race, Class, and Culture in Education (F) \_\_\_

**COMPREHENSIVE REQUIREMENT**

EDUC 194F Group Projects (2 units) (\*) \_\_\_

**DC REQUIREMENT:**

For information on the DC requirement please see-

<http://registrar.ucsc.edu/catalog/programs-courses/disciplinary-communicationchart.pdf>