

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

NAME \_\_\_\_\_ ID# \_\_\_\_\_

(Quarter offered: F= Fall Quarter, W= Winter Quarter, S= Spring Quarter)

**INTRODUCTORY REQUIREMENTS**

**Calculus:** MATH 11A (FWS) \_\_\_ + 11B(FWS)\_\_\_ + 22(FWS)\_\_\_  
**OR** MATH 19A (FWS) \_\_\_ + 19B (FWS) \_\_\_ + 22 (FWS) \_\_\_

**General Chemistry:** CHEM 1A (FW) \_\_\_ 1B/M (WS) \_\_\_ + 1C/N (FS) \_\_\_

**Biology:** BIOL 20A (FWS) \_\_\_ + BIOE 20B (FWS) \_\_\_ + BIOE 20C (FWS) \_\_\_

**Organic Chemistry:** CHEM 108A/L (FW) \_\_\_ + 108B/M (WS) \_\_\_ (108C optional)  
**OR** CHEM 112A/L (F)\_\_\_ + 112B/M (W) \_\_\_ + 112C/N (S) \_\_\_

**Physics:** PHYS 6A/L (FW) \_\_\_ + 6B/M (WS) \_\_\_ + 6C/N (FS) \_\_\_

**ADVANCED REQUIREMENTS** 9 total including 2 lab/field courses

**Biochemistry:** BIOL 100 (FS) \_\_\_ **OR** BIOC 100A (F) \_\_\_ + 100B (W) \_\_\_ + 100C (S) \_\_\_

**Genetics:** BIOL 105 (FWS) \_\_\_

**Evolution:** BIOE 109 (FW) \_\_\_

**Cell & Development:** ONE from the following...  
 BIOL 110 Cell Biology (FS) \_\_\_  
 BIOL 111 Immunology (W) \_\_\_  
 BIOL 115 Eukaryotic Molecular Biology (WS) \_\_\_  
 BIOL 119 Microbiology (FW) \_\_\_  
 BIOL 120 Development (W) \_\_\_  
 BIOC 100C Biochemistry (S) \_\_\_

**Ecology:** ONE from the following...  
 BIOE 107 Ecology (WS) \_\_\_  
 BIOE 108 Marine Ecology (W) \_\_\_  
 BIOE 110/L Vertebrates (not offered 08-09) \_\_\_  
 BIOE 122/L Invertebrates (W) \_\_\_  
 BIOE 125 Marine Microbial Ecology (not offered 08-09) \_\_\_  
 BIOE 140 Behavioral Ecology (F) \_\_\_  
 BIOE 141L Behavioral Ecology Field Course (W09) \_\_\_  
 BIOE 145 Plant Ecology (F)  
 BIOE 147 Community Ecology (S)  
 BIOE 161 Kelp Forest Ecology (F09)

**Physiology:** ONE from the following...  
 BIOE 131/L Animal Physiology (W) \_\_\_  
 BIOE 133/L Exercise Physiology (not offered 08-09) \_\_\_  
 BIOE 135 Plant Physiology (S) \_\_\_  
 BIOL 113 Endocrinology (S) \_\_\_  
 BIOL 125 Intro Neuroscience (F) \_\_\_  
 BIOL 130/L Human Physiology (FWS) \_\_\_

**Three additional upper-division electives (between BIOL 100-187L or BIOE 100-180):** \_\_\_\_\_

\*Courses appearing in more than one category can only fulfill one requirement

**COMPREHENSIVE REQUIREMENT** (Senior Exit Requirement): \_\_\_\_\_

For more information see: <http://www.biology.ucsc.edu/advising/graduation/exit.html>