INTRODUCTORY REQUIREMENTS

Calculus: MATH 11A* (FWS) ___

General Chemistry: CHEM 1A* (FWS) ___ 1B* (FWS) ___

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

Statistics: AMS 5 (FWS) ___ OR 7/L (FWS) ___

Physics: PHYS 6A/L (FWS) ___

ADVANCED REQUIREMENTS 8 courses total

Genetics: BIOL 105 (FWS) ___

Ecology: BIOE 107 (WS) ___

Evolution: BIOE 109 (FW) ___

Anatomy or Physiology: ONE from the following...

   BIOE 131/L Animal Physiology (lab optional) (W) ___
   BIOE 133/L Exercise Physiology (-) ___
   BIOE 134/L Comparative Vertebrate Anatomy (F) ___
   BIOE 135/L Plant Physiology (W) ___
   BIOE 130/L Human Physiology (lab optional) (FW) ___
   METX 135/L Human Anatomy (S) ___

General Electives: FOUR upper-division electives from the following...

BIOE 108 Marine Ecology (W) ___
BIOE 112/L Ornithology (F15) ___
BIOE 114/L Herpetology (S16) ___
BIOE 117/L Systematic Botany (W) ___
BIOE 118 Plants and Society (S) ___
BIOE 120/L Marine Botany (S) ___
BIOE 122/L Invertebrates (W) ___
BIOE 124/L Mammalogy (F) ___
BIOE 127/L Ichthyology (F15) ___
BIOE 128/L Large Marine Vertebrates Field (S) ___
BIOE 129/L Marine Mammals (S) (lab optional) ___
BIOE 131/L Animal Physiology (W) (lab optional) ___
BIOE 133/L Exercise Physiology (-) ___
BIOE 134/L Comparative Vertebrate Anatomy (F) ___
BIOE 135/L Plant Physiology (W) ___
BIOE 137/L Molecular Ecology (W) ___
BIOE 140 Behavioral Ecology (F) ___
BIOE 141/L Behavioral Ecology Field Course (W15) ___
BIOE 145 Plant Ecology (F) ___
BIOE 145L Field Methods in Plant Ecology (F) ___
BIOE 147 Community Ecology (S) ___
BIOE 148 Quantitative Ecology (-) ___
BIOE 149 Disease Ecology (S) ___
BIOE 150 Ecological Field Methods (S15) ___

BIOE 150L Ecological Field Methods Lab (S15) ___
BIOE 151ABCD Ecology & Conservation in Practice (S16) (3 electives)
BIOE 155 Marine Conservation Biology (F) ___
BIOE 155L Marine Ecology Lab (S) ___
BIOE 159ABCD Marine Ecology Field Quarter (F14,S15) (3 electives)
BIOE 161 Kelp Forest Ecology (F15) ___
BIOE 161L Kelp Forest Ecology Lab (F15) ___
BIOE 163/L Ecology of Reefs, Mangroves, & Seagrasses (W) ___
BIOE 165 Marine Conservation Biology (F) ___
BIOE 172/L Population Genetics (F14) ___
BIOE 100 Biochemistry (FW) ___
BIOE 101 Mammalian Endocrinology I (-) ___
BIOE 111A Immunology I (-) ___
BIOE 111A Immunology I (lab) ___
BIOE 111A Immunology I (WS) ___
BIOE 111A Immunology I (FW) ___
BIOE 113 Mammalian Endocrinology (S) ___
BIOE 115 Eukaryotic Molecular Biology (W) ___
BIOE 120 Developmental Biology (WS) ___
BIOE 125 Intro Neuroscience (W) ___
CHEM 108A Organic Chemistry (FW) ___
CHEM 108B Organic Chemistry (WS) ___
METX 119 Microbiology (FW) ___
METX 119L Microbiology Lab (FW) ___
ENVS 107ABC Natural History Field Quarter (2 electives)

DISCIPLINARY COMMUNICATION REQUIREMENT

Satisfied by successful completion of BIOE 107 and BIOE 109

NOTE: This requirement MUST be completed at UCSC

COMPREHENSIVE REQUIREMENT (Senior Exit Requirement): _____

For more information on satisfying this requirement, visit:
http://undergrad.pbsci.ucsc.edu/biology/completing-the-major/senior-exit.html

Major Qualification Policy:
- CHEM 1A
- CHEM 1B
- BIOL 20A
- BIOE 20B or BIOE 20C

Must complete all courses with a "C" or above; no more than 1 non-passing grade in qual courses is accepted.