BIOLOGY B.A. 2013/14

Name: ________________________________  Date: _________________________
ID #: _________________________

(Quarter offered: F=Fall, W= Winter, S=Spring, * = Not offered this year)
Note: All courses on checklist must be taken for a letter grade

INTRODUCTORY REQUIREMENTS

Calculus:  MATH 11A (FWS) ___ OR AMS 15A (*) ___

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 (S) ___
  BIOE 134/L Comparative Vertebrate Anatomy (F) ___
  BIOE 135/L Plant Physiology (W) ___
  BIOL 130/L Human Physiology (lab optional) (FW) ___
  BIOE 135/L Human Anatomy (S) ___

General Electives: Four upper division electives from the following...

  BIOE 108 Marine Ecology (W) ___
  BIOE 112/L Ornithology (F13) ___
  BIOE 114/L Herpetology (S14) ___
  BIOE 117/L Systematic Botany (S) ___
  BIOE 120/L Marine Botany (S) ___
  BIOE 122/L Invertebrates (W) ___
  BIOE 127/L Ichthyology (F13) ___
  BIOE 128 Large Marine Vertebrates (* ) ___
  BIOE 128L Large Marine Vertebrates Field (*) ___
  BIOE 129/L Marine Mammals (S) (lab optional) ___
  BIOE 131/L Animal Physiology (W) (lab optional) ___
  BIOE 133/L Exercise Physiology (S) ___
  BIOE 134/L Comparative Vertebrate Anatomy (F) ___
  BIOE 135/L Plant Physiology (W) ___
  BIOE 140 Behavioral Ecology (F) ___
  BIOE 141L Behavioral Ecology Field Course (W15) ___
  BIOE 145 Plant Ecology (F) ___
  BIOE 145L Field Methods in Plant Ecology (F) ___
  BIOE 147 Community Ecology (S) ___
  BIOE 149 Disease Ecology (W) ___
  BIOE 150 Ecological Field Methods (S15) ___
  BIOE 150L Ecological Field Methods Lab (S15) ___
  BIOE 155 Freshwater Ecology (F) ___
  BIOE 158L Marine Ecology Lab (S14) ___
  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 (W15) ___
  BIOL 110 Cell Biology (FS) ___
  BIOL 111A Immunology I (W) ___
  BIOL 113 Mammalian Endocrinology (S) ___
  BIOL 115 Eukaryotic Molecular Biology (WS) ___
  BIOL 120 Developmental Biology (W) ___
  BIOL 125 Intro. to Neuroscience (F) ___
  CHEM 103 Biochemistry (FS) ___
  CHEM 108A Organic Chemistry (FW) ___
  CHEM 108B Organic Chemistry (WS) ___
  METX 119 Microbiology (FW) ___
  METX 119L Microbiology Lab (FWS) ___
  Field Quarters:
      ___ BIOE 151ABCD Ecology & Conservation in Practice (S14) (3 electives)
      ___ BIOE 159ABCD Marine Ecology Field Quarter (F14) (3 electives)

Disciplinary Communication: Successful completion of BIOE 107 Ecology and BIOE 109 Evolution
(Note: DC courses must be taken at UCSC.)

Comprehensive Requirement  (Senior Exit Requirement): ________________

For more information see:
http://undergrad.pbsci.ucsc.edu/biology/completing-the-major/senior-exit.html