BIOLOGY B.A. 2015-16

Name: ______________________________________________ Date: _________________
(Quarter offered: F=Fall, W= Winter, S=Spring, (-) = Not offered this year)
ID #: ___________________

NOTE: ALL courses on checklist MUST be taken for a letter grade

INTRODUCTORY REQUIREMENTS

Calculus: MATH 11A (FWS) ___
General Chemistry: CHEM 1A (FWS) ___ 1B (FWS) ___
Biology: BION 20A (FWS) ___ + BION 20B (FWS) ___ + BION 20C (FWS) ___
Statistics: AMS 5 (FWS) ___ OR 7/L (FWS) ___
Physics: PHYS 6A/L (FWS) ___

ADVANCED REQUIREMENTS 8 courses total

Genetics: BION 105 (FWS) ___
Ecology: BION 107 (WS) ___
Evolution: BION 109 (FWS).

Anatomy or Physiology: ONE from the following...
  BION 131/L Animal Physiology (lab optional) (W) ___
  BION 133/L Exercise Physiology (S16) ___
  BION 134/L Comparative Vertebrate Anatomy (F) ___
  BION 135/L Plant Physiology (W) ___
  BION 130/L Human Physiology (lab optional) (FW) ___
  METX 135/L Human Anatomy (S) ___

General Electives: FOUR upper-division electives from the following...
  BION 108 Marine Ecology (W) ___
  BION 114/L Ornithology (F15) ___
  BION 117/L Systematic Botany (W) ___
  BION 118 Plants and Society (S) ___
  BION 120/L Marine Botany (S) ___
  BION 122/L Invertebrates (W) ___
  BION 124/L Mammalogy (F) ___
  BION 127/L Ichthyology (F15) ___
  BION 128L Large Marine Vertebrates Field (S) ___
  BION 129/L Marine Mammals (S) (lab optional) ___
  BION 131/L Animal Physiology (W) (lab optional) ___
  BION 133/L Exercise Physiology (S16) ___
  BION 134/L Comparative Vertebrate Anatomy (F) ___
  BION 135/L Plant Physiology (W) ___
  BION 137/L Molecular Ecology (W) ___
  BION 140 Behavioral Ecology (F) ___
  BION 141L Behavioral Ecology Field Course (W17) ___
  BION 145 Plant Ecology (F) ___
  BION 145L Field Methods in Plant Ecology (-) ___
  BION 147 Community Ecology (S) ___
  BION 148 Quantitative Ecology (F) ___
  BION 149 Disease Ecology (-) ___
  BION 150 Ecological Field Methods (S17) ___
  BION 150L Ecological Field Methods Lab (S17) ___
  BION 155 Freshwater Ecology (F) ___
  BION 155L Freshwater Ecology Lab (S) ___
  BION 158L Marine Ecology Lab (S16) ___
  BION 161 Kelp Forest Ecology (F15) ___
  BION 161L Kelp Forest Ecology Lab (F15) ___
  BION 163/L Ecology of Reefs, Mangroves, & Seagrasses (-) ___
  BION 165 Marine Conservation Biology (F) ___
  BION 172/L Population Genetics (F16) ___
  BION 100 Biochemistry (FW) ___
  BION 101/L Molecular Biology (WS) ___
  BION 110 Cell Biology (FS) ___
  BION 111 Immunology (-) ___
  BION 111A Immunology I (W) ___
  BION 113 Mammalian Endocrinology (-) ___
  BION 115 Eukaryotic Molecular Biology (W) ___
  BION 120 Developmental Biology (W) ___
  BION 125 Intro Neuroscience (FW) ___
  CHEM 108A Organic Chemistry (FW) ___
  CHEM 108B Organic Chemistry (WS) ___
  METX 119 Microbiology (FS) ___
  METX 119L Microbiology Lab (FWS) ___
  BIOE 151ABCD Ecology & Conservation in Practice (S16) (3 electives)
  BIOE 159ABCD Marine Ecology Field Quarter (F16) (3 electives)
  ENVS 107ABC Natural History Field Quarter (S16) (2 electives)

FIELD QUARTERS:
  BION 150 Ecological Field Methods (S17) ___

DISCIPLINARY COMMUNICATION REQUIREMENT
Satisfied by successful completion of BION 107 and BION 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:
1)  CHEM 1A
2)  CHEM 1B
3)  CHEM 20A
4)  BION 20B
5)  BION 20C
Must complete all six courses with a "C" or better; no more then 1 non-passing grade in
the first 5 qual courses is accepted.
6)  MATH 11A or MATH 19A