BIOLOGY B.A. 2016-17

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

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

Physics:
PHYS 6A/L (FWS) ___ OR 7A/6L (F) ___

ADVANCED REQUIREMENTS 8 courses total

Genetics: BIOL 105 (FWS) ___

Ecology: BIOE 107 (FWS) ___

Evolution: BIOE 109 (FWS) ___

Anatomy or Physiology: ONE from the following...
BIOL 130/L Human Physiology (lab optional) (FW) ___
BIOL 133/L Exercise Physiology (S17) ___
BIOL 135/L Plant Physiology (W) ___
BIOL 130/L Human Physiology (lab optional) (FW) ___

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

BIOE 108 Marine Ecology (W) ___
BIOE 112/L Ornithology (F17) ___
BIOE 114/L Herpetology (S18) ___
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 (F17) ___
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 (S17) ___
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 141L Behavioral Ecology Field Course (W17) ___
BIOE 145 Plant Ecology (F) ___
BIOE 145L Field Methods in Plant Ecology (F) ___
BIOE 147 Community Ecology (S) ___
BIOE 148A Quantitative Ecology (F) ___
BIOE 149 Disease Ecology (S) ___
BIOE 150 Ecological Field Methods (-) ___

BIOE 150L Ecological Field Methods Lab (-) ___
BIOE 155 Freshwater Ecology Lab (S) ___
BIOE 158L Marine Ecology Lab (S18) ___
BIOE 161 Kelp Forest Ecology Lab (F17) ___
BIOE 161L Kelp Forest Ecology Lab (F17) ___
BIOE 163/L Ecology of Reefs, Mangroves, & Seagrasses (W) ___
BIOE 165 Marine Conservation Biology (F) ___
BIOE 172/L Population Genetics (F16) ___
BIOE 100 Biochemistry (FW) ___
BIOE 101/L Molecular Biology (WS) ___
BIOE 110 Cell Biology (FS) ___
BIOE 111 Immunology (-) ___
BIOE 111A Immunology I (W) ___
BIOE 113 Mammalian Endocrinology (-) ___
BIOE 115 Eukaryotic Molecular Biology (S) ___
BIOE 120 Developmental Biology (W) ___
BIOL 125 Intro Neuroscience (F) ___
METX 119 Microbiology (F) ___
METX 119L Microbiology Lab (FWS) ___

Major Qualification Policy:
1) CHEM 1A
2) CHEM 1B
3) BIOL 20A
4) BIOE 20B
5) BIOE 20C

Must complete all six courses with a "C" or better; no more than 1 non-passing grade in the first 5 qual courses is accepted.

6) MATH 11A or MATH 19A

Field Quarters:
BIOL 151ABCD Ecology & Conservation in Practice (S17) (3 electives)
BIOL 159ABCD Marine Ecology Field Quarter (F16) (3 electives)
ENVS 107ABC Natural History Field Quarter (S16) (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/eeb/completing-the-major/senior-exit.html