BIOLOGY B.A. 2019-20

Name: ______________________________________________ Date: _________________
ID #: ___________________

Quarter offered: F= Fall, W= Winter, S= Spring, (-) = Not offered this year

NOTE: Courses appearing in more than one category can fulfill only one requirement. Does not apply to DC/Senior Exit

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

LOWER DIVISION REQUIREMENTS

General Chemistry: CHEM 1A (FWS) ___ 1B (FWS) ___
Biology: BIOL 20A (FWS) ___ + BIOE 20B (FWS) ___ + BIOE 20C (FWS) ___
Statistics: STAT 5 (FWS) ___ OR 7/L (FWS) ___
Physics: PHYS 1 (W) ____ OR PHYS 7A (-) ____ OR 6A (FWS) ___

NOTE: PHYS 7A & PHYS 6A have a calculus prerequisite - MATH 11A or Math 19A and require concurrent enrollment in Phys 6L lab.

UPPER DIVISION REQUIREMENTS

Genetics: BIOL 105 (FWS) ___
Ecology: BIOE 107 (FWS) ___
Evolution: BIOE 109 (FWS) ___

Anatomy or Physiology: ONE from the following...
BIOE 131/L Animal Physiology (lab optional) (W) ___
BIOE 133/L Exercise Physiology (S20) ___
BIOE 134/L Comparative Vertebrate Anatomy (S) ___
BIOE 135/L Plant Physiology (F) ___
BIOE 136 Environmental Physiology (F) ___
BIOL 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 (F19) ___
BIOE 114/L Herpetology (S20) ___
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 125 Ecosystems of CA (WS) ___
BIOE 127/L Ichthyology (F19) ___
BIOE 128L 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 (S20) ___
BIOE 134/L Comparative Vertebrate Anatomy (S) ___
BIOE 135/L Plant Physiology (F) ___
BIOE 136 Environmental Physiology (F) ___
BIOE 137/L Molecular Ecology (F) ___
BIOE 140 Behavioral Ecology (F) ___
BIOE 141L Behavioral Ecology Field Course (-) ___
BIOE 145 Plant Ecology (F) ___
BIOE 145L Field Methods in Plant Ecology (F) ___
BIOE 147 Community Ecology (S) ___
BIOE 148A Quantitative Ecology (-) ___
BIOE 148B Quantitative Methods (W) ___
BIOE 149 Disease Ecology (S) ___
BIOE 150 Ecological Field Methods (S20) ___

BIOE 150L Ecological Field Methods Lab (S20) ___
BIOE 155 Freshwater Ecology (F) ___
BIOE 155L Freshwater Ecology Lab (S) ___
BIOE 158L Marine Ecology Lab (-) ___
BIOE 161 Kelp Forest Ecology (F19) ___
BIOE 161L Kelp Forest Ecology Lab (F19) ___
BIOE 163/L Ecology of Reefs, Mangroves, & Seagrasses (W) ___
BIOE 165 Marine Conservation Biology (F) ___
BIOE 171Disciplinary Communications for Biologists (-) ___
BIOE 172/L Population Genetics (-) ___
BIOE 100 Biochemistry (FWS) ___
BIOE 101/L Molecular Biology (WS) ___
BIOI 110 Cell Biology (FWS) ___
BIOI 115 Eukaryotic Molecular Biology (W) ___
BIOI 120 Developmental Biology (W) ___
BIOE 125 Intro Neuroscience (FS) ___
METX 119 Microbiology (FS) ___
METX 119L Microbiology Lab (FWS) ___

DISCIPLINARY COMMUNICATION REQUIREMENT
Satisfied by successful completion of TWO approved BIOE courses: _______________ & _______________
NOTE: This requirement MUST be completed at UCSC
Review approved courses here: https://www.eeb.ucsc.edu/academics/undergrad/majors-academic-planning/majors-academic-planning-dc.html

COMPREHENSIVE REQUIREMENT (Senior Exit Requirement): _______________
For details see:
https://www.eeb.ucsc.edu/academics/undergrad/majors-academic-planning/majors-academic-planning-exit.html

Upper Division Electives: FOUR upper-division electives from the following...

Field Quarters (Optional): BIOE 151ABCD Ecology & Conservation in Practice (S21) (3 electives)
BIOE 153ABC Arctic Ecology (S20) (3 electives)
BIOE 159ABCD Marine Ecology Field Quarter - Sitka, AK (W20) (4 electives)
BIOL 188 UC Natural Reserve System Field Quarter (FS,Su) (3 electives)