

Date: _____

NAME _____ ID# _____

INTRODUCTORY REQUIREMENTS**Calculus:** MATH 11A (FWS) ____ + 11B (FWS) ____**OR** MATH 19A (FWS) ____ + 19B (FWS) ____**General Chemistry:** CHEM 1A (FW) ____ + 1B/M (WS) ____ + 1C/N (S, F08) ____**Biology:** BIOL 20A (FWS) ____ + 20B (FWS) ____ + 20C (FWS) ____**Physics:** PHYS 7A/L (W) ____ + 7B/M (S) ____**Biostatistics:** AMS 7/L (FW) ____**ADVANCED REQUIREMENTS** 11 total including 2 lab/field courses**Genetics:** BIOL 105 (FWS) ____**Evolution:** BIOL 175 (FW) ____**Ecology:** ONE of the following...

BIOL 150 Ecology (WS) ____

BIOL 160 Marine Ecology (W) ____

Marine: ONE from the following...

BIOL 136/L Invertebrates (W) ____

BIOL 137/L Ichthyology (F07) ____

BIOL 139/L Marine Mammals (S) ____

BIOL 170/L Marine Botany (S) ____

Marine Environment: ONE from the following...

BIOL 142 Ocean Ecosystems (W) ____

BIOL 159 Biological Oceanography (S) ____

OCEA 101 Marine Environment (W) ____

Topical Electives: THREE from the following...

BIOL 136/L Invertebrates (W) ____

BIOL 137/L Ichthyology (F07) ____

BIOL 139/L Marine Mammals (S) ____

BIOL 142 Ocean Ecosystems (W) ____

BIOL 156/L Marine Plankton (S09) ____

BIOL 158 Ecology of Reefs (W) ____

BIOL 159 Biological Oceanography (S) ____

BIOL 160 Marine Ecology (W) ____

BIOL 160L Marine Ecology Lab (S08) ____

BIOL 161 Kelp Forest Ecology (F07) ____

BIOL 161L Kelp Forest Ecology Lab (F07) ____

BIOL 162ABCD Marine Ecology Field Quarter (F08) ____

BIOL 163 Marine Conservation (F) ____

BIOL 170/L Marine Botany (S) ____

BIOL 171 Marine Microbial Ecology (S) ____

EART 102 Marine Geology

EART 105 Coastal Geology

EART 122 Paleogeography

EEB General Electives: THREE additional electives chosen from the EEB General Elective list... _____**COMPREHENSIVE REQUIREMENT** (Senior Exit Requirement): _____**Note:** Be sure to check prerequisites and timing of offerings for electives taught outside of Biological Sciences

EEB General Electives

BIOL 100 Biochemistry (FS) ____
BIOL 107/L Population Genetics (W 09) ____
BIOL 110 Cell Biology (FS) ____
BIOL 115 Eukaryotic Molecular Biology (WS) ____
BIOL 119 Microbiology (FW) ____
BIOL 119L Microbiology (FW) ____
BIOL 120 Development (W) ____
BIOL 120L Development Lab (S) ____
BIOL 131/L Animal Physiology (W) ____
BIOL 133/L Exercise Physiology (S 09) ____
BIOL 136/L Invertebrates (W) ____
BIOL 137/L Ichthyology (F 07) ____
BIOL 138/L Vertebrates (W 09) ____
BIOL 139/L Marine Mammals (S) ____
BIOL 140 Behavioral Ecology (F) ____
BIOL 141 Ecological Field Methods (S 09) ____
BIOL 141L Ecological Field Methods Lab (S 09) ____
BIOL 142 Ocean Ecosystems (W) ____
BIOL 143/L Herpetology (S 08) ____
BIOL 144/L Ornithology (F 07) ____
BIOL 145L Behavioral Ecology Lab (W 09) ____
BIOL 150 Ecology (WS) [marine elective only]
BIOL 152 Community Ecology (S) ____
BIOL 156/L Marine Plankton/Lab (S 09) ____
BIOL 158 Ecology of Reefs (W 08) ____
BIOL 159 Biological Oceanography (S) ____
BIOL 160 Marine Ecology (W) ____
BIOL 160L Marine Ecology Lab (S 08) ____
BIOL 161 Kelp Forest Ecology (F 07) ____
BIOL 161L Kelp Forest Ecology Lab (F 07) ____
BIOL 162ABCD Marine Field Quarter (F 08) ____
BIOL 163 Marine Conservation (F) ____
BIOL 165ABCD Ecology & Conservation in Practice (S 08) ____
BIOL 166 Plant Physiology (S) ____
BIOL 168/L Systematic Botany (S) ____
BIOL 169 Plant Ecology (F) ____
BIOL 169L Field Methods Plant Ecology (F) ____
BIOL 170/L Marine Botany (S) ____
BIOL 171 Marine Microbial Ecology (S) ____
CHEM 108A Organic Chemistry
CHEM 108B Organic Chemistry
EART 100 Vertebrate Paleontology
EART 102 Marine Geology
EART 105 Coastal Geology
EART 122 Paleocyanography
ENVS 104A Intro to Environmental Field Methods
ENVS 108/L General Entomology
ENVS 115A/L GIS & Environmental Applications
ENVS 120 Conservation Biology
ENVS 122 Tropical Ecology & Conservation
ENVS 123 Animal Ecology & Conservation
ENVS 129 Integrated Pest Management
ENVS 130A/L Agroecology & Sustainable Agriculture
ENVS 130B Principles of Sustainable Agriculture
ENVS 131/L Insect Ecology
ENVS 138/L Field Ethnobotany
ENVS 160 Restoration Ecology
ENVS 161A/L Soils & Plant Nutrition
ENVS 162 Plant Physiological Ecology
ENVS 163/L Plant Disease Ecology
ENVS 167 Freshwater & Wetland Ecology
ENVS 168 Biochemistry & the Global Environment
PSYC 123 Behavioral Neuroscience

Field Quarter Equivalencies:

BIOL 162ABCD Marine Ecology Field Quarter = BIOL 137/L + BIOL 160 + BIOL 160L
BIOL 165ABCD Ecology & Conservation in Practice = BIOL 141 + BIOL 141L + ENVS

One of the following may also be used as an upper-division elective:

BIOL 183L Undergraduate Research in EEB
BIOL 188AB Supervised Teaching (4 units)
BIOL 195 Senior Thesis
BIOL 198 Independent Field Study
BIOL 199 Tutorial
ENVS 183 Environmental Studies Internship

Note: Be sure to check prerequisites and timing of offerings for electives taught outside of Biological Sciences