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 (5 courses total)

Genetics:  
BIOL 105 (FWS) ___

Ecology:  
BIOE 107 (WS) ___

Evolution:  
BIOE 109 (FW) ___

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

BIOE 108 Marine Ecology (W) ___  
BIO 150 Ecological Field Methods (*) ___

BIOE 112/L Ornithology (F13) ___  
BIOE 150L Ecological Field Methods Lab (*) ___

BIOE 114/L Herpetology (S14) ___  
BIOE 155 Freshwater Ecology (F) ___

BIOE 117/L Systematic Botany (S) ___  
BIOE 158L Marine Ecology Lab (S) ___

BIOE 120/L Marine Botany (S) ___  
BIOE 161 Kelp Forest Ecology (F) ___

BIOE 122/L Invertebrates (W) ___  
BIOE 161L Kelp Forest Ecology Lab (F) ___

BIOE 127/L Ichthyology (F13) ___  
BIOE 163/L Ecology of Reefs, Mangroves, & Seagrasses (W) ___

BIOE 128 Large Marine Vertebrates (*) ___  
BIOE 165 Marine Conservation Biology (F) ___

BIOE 128L Large Marine Vertebrates Field (W) ___  
BIOE 172/L Population Genetics (*) ___

BIOE 129/L Marine Mammals (S) (lab optional) ___  
BIOE 110 Cell Biology (FS) ___

BIOE 131/L Animal Physiology (W) (lab optional) ___  
BIOE 111A Immunology I (W) ___

BIOE 133/L Exercise Physiology (S) ___  
BIOE 113 Mammalian Endocrinology (S) ___

BIOE 134/L Comparative Vertebrate Anatomy (F) ___  
BIOE 115 Eukaryotic Molecular Biology (WS) ___

BIOE 135/L Plant Physiology (W) ___  
BIOE 120 Developmental Biology (W) ___

BIOE 140 Behavioral Ecology (F) ___  
BIOE 125 Intro. to Neuroscience (F) ___

BIOE 141L Behavioral Ecology Field Course (*) ___  
CHEM 103 Biochemistry (FS) ___

BIOE 145 Plant Ecology (F) ___  
CHEM 108A Organic Chemistry (FW) ___

BIOE 145L Field Methods in Plant Ecology (F) ___  
CHEM 108B Organic Chemistry (WS) ___

BIOE 147 Community Ecology (S) ___  
METX 119 Microbiology (FW) ___

BIOE 149 Disease Ecology (W) ___  
METX 119L Microbiology Lab (FWS) ___

Field Quarters:  
___ BIOE 151ABCD Ecology & Conservation in Practice (S) (3 electives)
___ BIOE 159ABCD Marine Ecology Field Quarter (*) (3 electives)

No Senior Comprehensive Requirement for the minor