

FIELD REQUIREMENTS

ATTENTION: Although a course may be listed in more than one category, that course may be used to satisfy only one requirement. Course prerequisites can be found list on-line search tool or in your General Course Catalog. We do our best to assign the correct quarter to a specified course, but you are responsible for confirming when that course is offered.

EVOLUTION (Field A) – Complete one course

Course	Course Title	Quarter(s) Offered	Units
ANT 151	Primate Evolution	Undetermined	4
ANT 152	Human Evolution	Fall	5
ANT 154A	Evolution of Primate Behavior	Fall	5
EVE 100	Introduction to Evolution	All Quarters	4
GEL 107	Earth History: Paleobiology	Fall, Spring	3
PLB 143	Evolution of Crops Plants	Spring	4

ECOLOGY (Field B) – Complete one course

Course	Course Title	Quarter(s) Offered	Units
ANT 154BN	Primate Evolutionary Ecology	Winter	5
ENT 104	Behavioral Ecology of Insects	Winter	3
ENT 156	Biology of Parasitism	Spring	3
ESP 100	General Ecology	Fall, Winter	4
ESP 121	Population Ecology	Winter-Odd Yrs	4
EVE 101	Introduction to Ecology	All Quarters	4
MIC 120	Microbial Ecology	Spring	3
WFC 151	Wildlife Ecology	Fall	4

MICROBIOLOGY (Field C) – Complete one course

Course	Course Title	Quarter(s) Offered	Units
FST 104	Food Microbiology	Winter	3
MIC 101	Introduction to Microbiology	All Quarters	5
MIC 104	General Microbiology	Fall, Spring	4
MIC 140	Bacterial Physiology	Fall	3
MIC 150	Bacterial Genetics	Winter	3
MIC 162	General Virology	Winter	4
PMI 127	Medical Bacteria and Fungi	Spring	5
PMI 128	Biology of Animal Viruses	Fall	3
SSC 111	Soil Microbiology	Winter	4

NEUROBIOLOGY, PHYSIOLOGY & BEHAVIOR - (Field D) – Complete one course

Course	Course Title	Quarter(s) Offered	Units
ANT 154A	Evolution of Primate Behavior	Fall	5
ENT 102	Insect Physiology	Winter	4
ENT 104	Behavioral Ecology of Insects	Winter	3
NPB 100	Neurobiology	All Quarters	4
NPB 101	Systemic Physiology	All Quarters	5
NPB 102	Animal Behavior	Winter, Spring	3
NPB 141	Physiological Adaptation of Marine Organisms	Spring (BML)	3

PLANT BIOLOGY - (Field E) – Complete one course

Course	Course Title	Quarter(s) Offered	Units
ENH 102	Physiological Principles in Environmental Horticulture	Fall	4
ENH 105	Taxonomy & Ecology Environmental Plant Families	Spring	4
EVE/PLB 108	Systematics & Evolution of Angiosperms	Spring	5
EVE/PLB 117	Plant Ecology	Fall	4
EVE/PLB 119	Population Biology of Weeds	Spring	3
EVE 140	Paleobotany	Winter	4
PLB 102	California Floristic	Spring	5
PLB 105	Developmental Plant Anatomy	Fall	5
PLB 111	Plant Physiology	Fall	3
PLB 112	Plant Growth & Development	Winter	3
PLB 113	Molecular & Cellular Biology of Plants	Spring	3
PLB 116	Plant Morphology & Evolution	Winter	5
PLB 143	Evolution of Crop Plants	Spring	4
PLP 120	Introduction to Plant Pathology	Fall, Spring	4
PLP 130	Fungi Biotechnology & Biochemistry	Winter	3
PLB/PLP 148	Introductory Mycology	Fall	4
PLS 144	Trees and Forests	Fall	4
PLS 147	California Plant Communities	Spring	4
PLS 176	Introduction to Weed Sciences	Winter	3

