WILDLIFE AND BIODIVERSITY CONSERVATION CONCENTRATION

BIO 401 Principles of Conservation Biology 4
BOT 313 Taxonomy of Vascular Plants 4
BOT 433 Field Botany: California Plant Diversity 5
LA/NR 218 Applications in GIS or GEOG 318 Applications in GIS 3

Zoology Courses
Select from the following: 1
BIO 321 Mammalogy
BIO 322 Ichthyology
BIO 323 Ornithology
BIO 324 Herpetology
BIO 335 General Entomology
BIO 336 Invertebrate Zoology

Ecology Courses
Select from the following: 8
BIO 427 Wildlife Management
BIO 444 Population Ecology
BIO 445 Community Ecology

Approved Electives 2,3
Select from the following: 7
ASCI 329 Principles of Range Management
BIO 321 Mammalogy
BIO 322 Ichthyology
BIO 323 Ornithology
BIO 324 Herpetology
BIO 327 Wildlife Ecology
BIO 329 Vertebrate Field Zoology
BIO 330 Extended Field Biology Activity
BIO 335 General Entomology
BIO 336 Invertebrate Zoology
BIO 400 Special Problems for Advanced Undergraduates
BIO 415 Biogeography
BIO 419 Analytical Methods in Ecology
BIO 427 Wildlife Management
BIO 429 Parasitology
BIO 434 Environmental Physiology
BIO 442 Behavioral Ecology
BIO 444 Population Ecology
BIO 445 Community Ecology
BIO 446 Ecosystem Ecology
BIO 461 Senior Project - Research Proposal
BIO 462 Senior Project - Research
BIO 463 Honors Research
BOT 326 Plant Ecology

Total units 43

1 Students seeking certification as an Associate Wildlife Biologist via the Wildlife Society should see their faculty advisor for assistance.
2 Consultation with a faculty advisor is recommended prior to selecting approved electives; selections may impact pursuit of post-baccalaureate studies and/or goals.
3 Courses taken to meet a major or support requirement cannot be double-counted as an elective.
4 If BIO 461 or BIO 462 is used to meet the Senior Project Requirement, it cannot also be counted as an Approved Elective.
5 Maximum of 6 units may be applied toward Approved Electives from "by arrangement" courses: BIO 400, BIO 461, BIO 462, BIO 463, ENGR 322/SCM 302.