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 3
or GEOG 318 Applications in GIS

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 4
- 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 4, 5
- BIO 462 Senior Project - Research 4, 5
- BIO 463 Honors Research 5
- 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.