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
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

Electives 2,3
Select any Zoology or Ecology (above) or select from the following: 7
ASCI 329 Principles of Range Management
BIO 327 Wildlife Ecology
BIO 329 Vertebrate Field Zoology
BIO 330 Extended Field Biology Activity
BIO 400 Special Problems for Advanced Undergraduates 5
BIO 415 Biogeography
BIO 419 Analytical Methods in Ecology
BIO 429 Parasitology
BIO 434 Environmental Physiology
BIO 442 Behavioral 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
ENGR 322/SCM 302 The Learn By Doing Lab Teaching Practicum 5
GEOG 440 Advanced-Applications in GIS
MSCI 328 Marine Ecology
MSCI 347 Marine Botany
MSCI 439 Fisheries Science and Resource Management

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 If any of these courses is taken to meet a major or support requirement in the degree, it cannot be double-counted as an approved 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.