FISH AND WILDLIFE CONSERVATION OPTION

This option is offered within the following major(s):

- Natural Resources - College of Forestry (http://catalog.oregonstate.edu/college-departments/forestry/forest-ecosystems-society/natural-resources-bs-bsb)

Also available at OSU-Cascades and via Ecampus.

This option prepares students for a career in the broad arena of natural resource and wildlife conservation. It emphasizes understanding the relationship between animal species and their habitat requirements and the ability to apply this knowledge to the management of ecosystems as a means of conserving fish and wildlife.

Option Code: 672

Minimum of 40 credits is required with at least 20 upper-division credits.

Option Requirements

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- Natural Resource Policy (3 credits)
  - Select one course from the following:
    - FW 486 *PUBLIC LANDS POLICY AND MANAGEMENT
    - FW 350 *ENDANGERED SPECIES, SOCIETY AND SUSTAINABILITY
    - FW 415 FISHERIES AND WILDLIFE LAW AND POLICY
    - FW 439 *HUMAN DIMENSIONS OF FISHERIES AND WILDLIFE MANAGEMENT
    - FOR 462 NATURAL RESOURCE POLICY AND LAW

- Electives (6-8 credits)
  - Select two courses from the following:
    - BI 347 *OCEANS IN PERIL
    - ENSC 479 **ENVIRONMENTAL CASE STUDIES
    - FW 323 MANAGEMENT PRINCIPLES OF PACIFIC SALMON IN THE NORTHWEST
    - FW 470 *ECOLOGY AND HISTORY: LANDSCAPES OF THE COLUMBIA BASIN

- Fish and Wildlife Biology (9-12 credits)
  - Select three courses from the following:
    - FW 302 BIOLOGY AND CONSERVATION OF MARINE MAMMALS
    - FW 311 ORNITHOLOGY
    - FW 315 ICHTHYOLOGY
    - FW 317 MAMMALOGY
    - FW 320 INTRODUCTORY POPULATION DYNAMICS
    - FW 321 APPLIED COMMUNITY AND ECOSYSTEM ECOLOGY
    - FW 331 ECOLOGY OF MARINE AND ESTUARINE BIRDS
    - FW 473 FISH ECOCOLOGY
    - FW 481 WILDLIFE ECOCOLOGY
    - Z 423 ENVIRONMENTAL PHYSIOLOGY
    - Z 473 HERPETOLOGY

- Habitat Management (6-9 credits)
  - Select two courses from the following:
    - FW 445/FW 445 ECOLOGICAL RESTORATION
    - FW 426 INTEGRATED WATERSHED MANAGEMENT
    - FW 427 COASTAL ECOLOGY AND RESOURCE MANAGEMENT
    - FW 424/OC 434 ESTUARINE ECOCOLOGY
    - FW 425 *WILDLIFE IN AGRICULTURAL ECOSYSTEMS
    - FW 456 FRESHWATER ECOCOLOGY AND CONSERVATION

Additional courses may be used to fulfill credit requirements in this option as approved by petition.