

# FW - FISH & WILDLIFE

## FW251 Principles of Wildlife Conservation

Credits 3

Winter

**Registration Requirement:** F111 (Interested students not meeting this requirement are encouraged to seek instructor permission). RD090 and WR090, or IECC201R and IECC201W; and MTH020; each with a grade of "C" or better, or placement above stated course levels.

This course explores wildlife management and conservation in the United States and throughout the world. Students discuss the social and political aspects of wildlife conservation and management, wildlife ecology, population and ecosystem management, and challenges to the management of biological diversity. They examine these issues through case studies and inquiry exercises with lectures as needed to provide background. Students are expected to take an active role in class activities, including class discussions and group work. This course is required for Natural Resources Technology Students and available for all fisheries and wildlife science majors.

**This course fulfills:** Non-Lab Science

## FW252 Mammals: Biology and Techniques

Credits 4

Fall

**Registration Requirement:** F111, FW251 and FW253; or instructor consent.

This course is designed for students pursuing careers in natural resources management and all those interested in the biology of mammals. Students learn the traits that are common to all mammals and the origins of the evolutionary lineage called Mammalia. They also examine, in detail, the identification, biology and natural history of selected orders as well as behavioral and ecological trends of the entire class. Students discuss the management and conservation of mammals and, through laboratories, gain practical experience with techniques used to study them. The course includes several outdoor laboratories and field trips and may require time outside of scheduled lab hours. Non-sequential.

**Additional Course Fee:** \$25.00

**This course fulfills:** Lab Science

## FW253 Field Ornithology

Credits 4

Spring

**Registration Requirement:** RD090 and WR090, or IECC201R and IECC201W; and MTH020; each with a grade of "C" or better, or placement above stated course levels; and one college science course; or instructor consent. This course has a mandatory weekend field trip, days/hours TBA.

This course is designed for students pursuing careers in natural resources management and all those interested in the biology of birds. Students investigate the evolutionary history, ecology, behavior and conservation of these amazing animals and learn to identify individuals to species by sight and sound. The course includes many outdoor laboratories and field trips, and may require time outside of scheduled lab hours. The field laboratories give practical experience with the techniques used in the study of ornithology and focus on identification of species breeding in the Pacific Northwest. Field laboratories are outside in diverse weather conditions and require moving on uneven ground.

**Additional Course Fee:** \$25.00

**This course fulfills:** Lab Science

## FW299 Advanced Field Ornithology

Credits 3

Spring

**Registration Requirement:** Successful completion of FW253 or equivalent expertise. Students not currently enrolled in the Natural Resources Technology program can seek instructor permission to take this course. This course serves as an advanced survey of field ornithology designed to further develop students into active scientists and entry-level ornithologists. Through classroom and field-based experiences, students will hone practical skills and techniques used to identify and study birds, as well as collecting, synthesizing, analyzing and reporting on ornithological data. Students should be prepared to engage in outdoor laboratory activities and field observation requiring time beyond scheduled course hours. This course has a mandatory all-day field trip-dates and times TBA. Limited to Natural Resources Technology students.

*Course fees are subject to change. Additional section fees (web, hybrid, etc.) may apply.*