

FISHERIES AND WILDLIFE SCIENCES MINOR

Note: This minor has been revised with changes effective Fall term 2016.

A sequence in general biology, at the 200 level, is a prerequisite to the Fisheries and Wildlife minor. A minimum of 27 credits is required with a combination of the following courses. Double counting restrictions, when applicable, are listed for each section. Double counting towards baccalaureate core is permitted.

For campus locations use the class list on our [course descriptions](#) page.

*Notes: *=Baccalaureate Core Course, ^=Writing Intensive Course*

Required Courses *Double counting is allowed in this section.*

BI 370 Ecology (3) (prerequisite is BI 211, 212, 213; BI 204/205/206 via Ecampus; or equivalent transfer coursework)

FW 251 Principles of Fish and Wildlife Conservation (3)

Vertebrate Biology/Systematics: *One course may not be double counted.*

Select three courses (7-10 credits) from the following:

FW 302 Biology and Conservation of Marine Mammals (4)

FW 311 Ornithology (3)

FW 312 Systematics of Birds (2)

FW 315 Ichthyology (3)

FW 316 Systematics of Fishes (3)

FW 317 Mammalogy (3)

FW 318 Systematics of Mammals (2)

FW 331 Ecology of Marine and Estuarine Birds (4)

Z 473 Herpetology (3)

Z 474 Systematic Herpetology (2)

Minor Electives *None of these courses may be double counted.*

Select a minimum of 11-14 credits from the following (must meet the 27 credit minimum):

FW 301 Field Techniques for Marine Mammal Conservation (1)

FW 303 Survey of Geographic Information Systems in Natural Resources (3)

FW 320 Introductory Population Dynamics (4)

FW 321 Applied Community and Ecosystem Ecology (3)

FW 323 Management Principles of Pacific Salmon in the Northwest (3)

FW 325 Global Crises in Resource Ecology (3)

FW 326 Integrated Watershed Management (3)

FW 340 *Multicultural Perspectives in Natural Resources (3)

FW 350 *Endangered Species, Society and Sustainability (3)

FW 356 Citizen Science (3)^
FW 360 Origins of Fisheries & Wildlife Management-Evolution, Genetics, and Ecology (3)
FW 370 Conservation Genetics (4)
FW 415 Fisheries and Wildlife Law and Policy (3)
FW 419 The Natural History of Whales and Whaling (3)
FW 421 Aquatic Biological Invasions (4)
FW 426 Coastal Ecology and Resource Management (5)
FW 427 Principles of Wildlife Diseases (4)
FW 431 Dynamics of Marine Biological Resources (4)
FW 434 Estuarine Ecology (4)
FW 435 Wildlife in Agricultural Ecosystems (3)
FW 439 Human Dimensions of Fisheries and Wildlife Management (3)^
FW 445 Ecological Restoration (4)
FW 446 Wildland Fire Ecology (3)
FW 451 Avian Conservation and Management (3)
FW 452 Biodiversity Conservation in Managed Forests (3)
FW 454 Fishery Biology (4)^
FW 456 Limnology (5)
FW 462 Ecosystems Services (3)
FW 464 Marine Conservation Biology (3)
FW 465 Marine Fisheries (4)
FW 467 Antarctic Science and Conservation (4)
FW 469 Methods in Physiology and Behavior of Marine Megafauna (3)
FW 470 Ecology and History: Landscapes of the Columbia Basin (3)
FW 471 Environmental Physiology of Fishes (4)
FW 472 Advanced Ichthyology (3)
FW 473 Fish Ecology (4)
FW 474 Early Life History of Fishes (4)
FW 475 Wildlife Behavior (4)
FW 476 Fish Physiology (4)
FW 479 Wetlands and Riparian Ecology (3)
FW 481 Wildlife Ecology (4)
FW 485 *Consensus and Natural Resources (3)
FW 491 Fish Diseases in Conservation Biology and Aquaculture (3)
FW 493 Field Methods for Marine Research (3)
FW 497 Aquaculture (3)^
FW 498 Aquaculture Lab (3)
FW 499 Special Topics in Fisheries and Wildlife (0-16)