

LEARNING WITHOUT LIMITS

Department of Fisheries and Wildlife

NEW UNDERGRADUATE MINOR: Marine Conservation and Management

Our Marine Conservation and Management Minor means you get more out of your degree at Oregon State. Now you can focus on marine vertebrates, conservation science, and management of living resources. Students in this minor have the opportunity to complete courses on the coast in Newport, Oregon. Study, learn, innovate - you're the next step in creating a healthy planet, healthy economy, and healthy people.



Oregon State
University

REQUIREMENTS

The Marine Conservation and Management Minor focuses on marine vertebrates, conservation science, and management of living marine resources. This minor requires a minimum of 27 credit hours divided between a core requirement (14 credits) and electives (13 credits). The core is organized around the three main themes in OSU's strategic plan of healthy planet, healthy economy, and healthy people. The elective section is broken into two groups of courses, one on species and habitats, the other on experiential learning and skills. This minor is offered by the Department of Fisheries and Wildlife.

A series in general biology equivalent to the BI 211, 212, 213, *Principles of Biology or BI 204, 205, 206, *Introductory Biology is a recommended prerequisite to the Marine Conservation and Management Minor.

Section 1: Core (minimum of 14 credits) – can be double-counted

Law, Policy, Economics, and Human Dimensions (select 1)

FW 340* Multicultural Perspectives in Fish and Wildlife Management (3)
FW 415 Fisheries & Wildlife Law and Policy (3)
FW 422 Introduction to Ocean Law (3)
OC 333 Oceans, Coasts, and People (3)

The Ocean and its Resources (All 3 required)

OC 201* Oceanography (4)
FW 324* Food from the Sea (3) (in Cat II review)
FW 426 Coastal Ecology and Resource Management (5)

Section 2: Electives (a minimum of 13 credits; including one course from each category) - none of these courses may be double-counted.

Species and Habitats

BOT 416 Aquatic Botany (4)
FW/BI 302 Biology & Conservation of Marine Mammals (4)
FW 323 Management Principles of Pacific Salmon in the Northwest (3)
FW 331 Ecology of Marine and Estuarine Birds (4)
FW 370 Conservation Genetics (4)
FW 419 The Natural History of Whales and Whaling (3)
FW 421 Aquatic Biological Invasions (4)
FW 431 Dynamics of Marine Biological Resources (4)
FW/OC 434 Estuarine Ecology (3)
FW 454[^] Fishery Biology (4)
FW 464 Marine Conservation Biology (3)
FW 465 Marine Fisheries (4)
FW 467 Antarctic Science and Conservation (4)
FW 474 Early Life History of Fishes (4)
FW 497[^] Aquaculture (3)
FW 498 Aquaculture Lab (3)

MB 491 Fish Diseases in Conservation Biology and Aquaculture (3)
OC 440 Biological Oceanography (3)

Experiential Learning and Skills

FW 301 Field Techniques for Marine Mammal Conservation (1)
FW 303 Survey of Geographic Information Systems in Natural Resources (3)
FW/VMB 328 Wildlife Capture and Immobilization (2)
FW 469 Methods in Physiology and Behavior of Marine Megafauna (3)
FW 493 Field Methods for Marine Research (3)
GEOG 201* Foundations of Geospatial Science and GIS (4)
GEOG 360 GIScience: Geographic Information Systems and Theory (4)
GRAD 430 Intro. to Scientific diving (4)
NS 313 Naval Operations and Seamanship (3)

* = Baccalaureate Core ^ = Writing Intensive Course

To add the minor:

Corvallis students: contact Nancy Allen, Head Advisor: 541 737 1941 or nancy.allen@oregonstate.edu

Ecampus students: contact an Ecampus advisor: fw.advising@oregonstate.edu