

LEARNING WITHOUT LIMITS

Department of Fisheries, Wildlife, and Conservation Sciences

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.

Let's go further.



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, Wildlife, and Conservation Sciences.

A series in general biology equivalent to the BI 221, 222, 223 *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)
- 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. View full catalog listing here: beav.es/3R7

SPECIES AND HABITATS

- BI 351** Marine Ecology (3)
- 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 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 433** Population Dynamics for Conservation (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 332** Coastal Oceanography (3)
- OC 440** Biological Oceanography (3)
- Z 461** Marine And Estuarine Invertebrate Zoology

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)
- FW 430** Introduction to Scientific Diving (4)
- NS 313** Naval Operations and Seamanship (3)

* = Baccalaureate Core ^ = Writing Intensive Course ▲ = 4 days required in person at HMSC in Newport, OR
Coursework completed towards the minor must meet a minimum of 2.0 GPA.
To add the minor contact our advising team at fw.advising@oregonstate.edu.