FISHERIES MANAGEMENT GRADUATE CERTIFICATE

Also available via Ecampus.

Current Graduate Students: You must notify the Department of Fisheries and Wildlife of your intention to pursue this certificate. Upon consultation with the certificate program coordinator, you will be given instructions regarding listing courses on your program of study and obtaining the required signature for that form.

For more information, please see our program site at http://ecampus.oregonstate.edu/online-degrees/graduate/fisheries-management/, the departmental website at http://fw.oregonstate.edu or contact the Certificate Program Director Dr. Bruce Dugger and Graduate Program Coordinator Dr. Susie Dunham at fw.gradadvising@oregonstate.edu.

The certificate requires:

- A minimum of 5 courses and 18 credits of total course work;
- A Capstone Project (applying knowledge and skills to a fisheries management issue), equivalent in time and effort to a 3-credit course (FW 506 Projects);
- One Core course (FW 554 Fishery Biology);
- A minimum of one course from the Human Dimensions area;
- Two to three courses from the Fisheries Sciences and Management Subject Area;
- For further information, please see our website or email: fw.gradadvising@oregonstate.edu.

Courses are offered through Corvallis, at Hatfield Marine Science Center, and through Ecampus. Check the course catalog and schedule of classes for location and term offered.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>FW 506</td>
<td>PROJECTS</td>
<td>3</td>
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<tr>
<td>FW 554</td>
<td>FISHERY BIOLOGY</td>
<td>4</td>
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Human Dimensions Subject Area

Select one course from the following:

- FW 515 FISHERIES AND WILDLIFE LAW AND POLICY
- FW 522 INTRODUCTION TO OCEAN LAW
- FW 560 PSYCHOLOGY OF ENVIRONMENTAL DECISIONS
- FW 620 ECOLOGICAL POLICY
- PS 577 INTERNATIONAL ENVIRONMENTAL POLITICS AND POLICY
- SNR 520 SOCIAL ASPECTS OF SUSTAINABLE NATURAL RESOURCES

Fisheries Science and Management Subject Area

Select two to three courses from either of the following subject areas:

- FW 514 PROFESSIONAL DEVELOPMENT: MEETING COMMUNICATIONS
- FW 524 INTRODUCTION TO FISHERIES ASSESSMENT
- FW 549 HISTORY OF FISHERIES SCIENCE
- FW 564 MARINE CONSERVATION BIOLOGY
- FW 565 MARINE FISHERIES
- FW 571 ENVIRONMENTAL PHYSIOLOGY OF FISHES
- FW 573 FISH ECOLOGY AND CONSERVATION
- FW 574/OC 574 EARLY LIFE HISTORY OF FISHES
- FW 576 FISH PHYSIOLOGY
- FW 597 AQUACULTURE
- FW 521 AQUATIC BIOLOGICAL INVASIONS
- FW 526 COASTAL ECOLOGY AND RESOURCE MANAGEMENT
- FW 534/OC 534 ESTUARINE ECOLOGY
- FW 545/FES 545 ECOLOGICAL RESTORATION
- FW 556 FRESHWATER ECOLOGY AND CONSERVATION
- FW 562 ECOSYSTEM SERVICES
- FW 579 WETLANDS AND RIPARIAN ECOLOGY
- FW 580 STREAM ECOLOGY

Total Hours 17-19

Other courses may be substituted upon approval of the certificate director.

Major Code: CG08