

FISHERIES MANAGEMENT GRADUATE CERTIFICATE

Current graduate students must notify the Department of Fisheries and Wildlife of their intention to pursue this certificate. Upon consultation with the certificate program coordinator, they will be given instructions regarding listing courses on their program of study and obtaining the required signature for that form.

For more information, please see our program site (<http://ecampus.oregonstate.edu/online-degrees/graduate/fisheries-management/>), the departmental website (<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.

Certificate Code: CG08

- 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.

Code	Title	Credits
Required Capstone Project		
FW 506	PROJECTS	3
Required Core		
FW 554	FISHERY BIOLOGY	4
Human Dimensions Subject Area ¹		
Select one course from the following:		3-4
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 ¹		
Select two to three courses from either of the following subject areas:		7-8
<i>Fish Science and Management</i>		
FW 514	PROFESSIONAL DEVELOPMENT: MEETING COMMUNICATIONS	
FW 519	THE NATURAL HISTORY OF WHALES AND WHALING	
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
<i>Aquatic Science, Habitat Restoration, and Management</i>	
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 Credits	17-19

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Other courses may be substituted upon approval of the certificate director

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