

MARINE RESOURCE MANAGEMENT GRADUATE CERTIFICATE

The management of our marine resources encompasses both biophysical and human dimensions. Marine management professionals need to understand these dimensions, utilizing both physical and social sciences to tackle challenging issues, and effectively communicate best management practices to scientists, decision makers, and stakeholders.

The Marine Resource Management graduate certificate offers a blend of science- and management-oriented courses that prepare participants (professionals, decision-makers, and graduate students) to become leaders in marine resource management.

Certificate Overview and Requirements

- Completion of core courses in marine policy and law,
- Two courses from the human dimensions area, and
- Two courses from the ocean and coastal science area.

Course Examples

- Ocean Law
- Rights-Based Fisheries Management
- Ecological Policy
- Physical Oceanography
- Marine Pollution

Current graduate students must notify the Marine Resource Management program of their intention to pursue this certificate. Upon consultation with MRM faculty, they will be given instructions regarding listing courses on their programs of study and obtaining the required signature for that form.

Professionals and other students must notify the Marine Resources Management program of their intention to pursue this certificate.

Contact Robert Allan, 541-737-1340, rallan@coas.oregonstate.edu, for more information.

Code	Title	Hours
Required Courses		
MRM 520		3
MRM 530	PRINCIPLES AND PRACTICE OF MARINE RESOURCE MANAGEMENT	3
Human Dimensions Subject Area		
Select at least 6 credits of the following:		6
AEC 534	ENVIRONMENTAL AND RESOURCE ECONOMICS	
ANTH 581	NATURAL RESOURCES AND COMMUNITY VALUES	
COMM 540	THEORIES OF CONFLICT AND CONFLICT MANAGEMENT	
COMM 542	BARGAINING AND NEGOTIATION PROCESSES	
COMM 544	THIRD PARTIES IN DISPUTE RESOLUTION: MEDIATION/ARBITRATION	
FW 564	MARINE CONSERVATION BIOLOGY	
FW 620	ECOLOGICAL POLICY	
MRM 535	RIGHTS-BASED FISHERIES MANAGEMENT	
PS 575	ENVIRONMENTAL POLITICS AND POLICY	

PS 577	INTERNATIONAL ENVIRONMENTAL POLITICS AND POLICY	
SOC 580	ENVIRONMENTAL SOCIOLOGY	
SOC 581	SOCIETY AND NATURAL RESOURCES	
Ocean and Atmospheric Systems Science Subject Area		
Select at least 6 credits of the following:		6
ATS 520	PRINCIPLES OF CLIMATE: PHYSICS OF CLIMATE AND CLIMATE CHANGE	
OC 533	COASTAL AND ESTUARINE OCEANOGRAPHY	
OEAS 520	THE SOLID EARTH	
OEAS 530	THE FLUID EARTH	
OEAS 540	THE BIOGEOCHEMICAL EARTH	
Total Hours		18

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

Note: The Marine Resource Management graduate certificate is not eligible for federal financial aid if it is not part of a master's degree-seeking program. The certificate is not eligible if taken as a stand-alone program. The MRM graduate certificate is eligible for federal financial aid if it is part of a master's degree-seeking program.

Major Code: CG07