

MARINE RESOURCE MANAGEMENT GRADUATE MAJOR (MS)

This program is available at the following location:

- Corvallis

Marine Resource Management (MRM) is an interdisciplinary master's program based in the College of Earth, Ocean, and Atmospheric Sciences (CEOAS). The MRM program prepares future ocean and coastal leaders for a range of career paths in science, policy, and practice through:

1. Innovative, societally relevant research
2. Interdisciplinary coursework (oceanography; environment and society; and law, management, and policy)
3. Professional development
4. Real-world applications

Graduates from the program work as resource managers, policy advisors, researchers, educators, community liaisons, industry leaders, communication professionals, and more.

MRM students are advised by faculty from within CEOAS, other colleges and departments across OSU, and scientists from state or federal agencies. Students conduct innovative, original research, often in collaboration with external partners, within a range of thematic areas, including:

- Resilient communities and coasts
- Sustainable fisheries and aquaculture
- Healthy ecosystems and people
- Emerging solutions and technologies
- Climate-ready planning, conservation, and restoration
- Public engagement and education

Major Code: 6550

Upon successful completion of the program, students will meet the following learning outcomes:

- Conduct research or produce some other form of creative work.
- Demonstrate mastery of subject material.
- Conduct scholarly or professional activities in an ethical manner.
- Effectively communicate findings and their broader societal implications—for policy, management, education, and/or communities—in oral and written forms.

Code	Title	Credits
Required Core		
MRM 507	SEMINAR (MRM Orientation)	1
MRM 530	PRINCIPLES AND PRACTICE OF MARINE RESOURCE MANAGEMENT	3
OC 507	SEMINAR (CEOAS Student Seminar - must take once per year)	1
OEAS 500	CASCADIA FIELD TRIP	3
Oceanography		
Select two courses from the following:		8
OEAS 520	THE SOLID EARTH	
OEAS 530	THE FLUID EARTH	

OEAS 540	THE BIOGEOCHEMICAL EARTH	
Environment and Society		
Select one course from the following:		3-4
AEC 534	ENVIRONMENTAL AND RESOURCE ECONOMICS	
ANTH 581	NATURAL RESOURCES AND COMMUNITY VALUES	
FW 560	PSYCHOLOGY OF ENVIRONMENTAL DECISIONS	
GEOG 514	POLITICAL ECOLOGY	
GEOG 533	CLIMATE CHANGE IMPACTS, ADAPTATION AND VULNERABILITY	
PPOL 541/SOC 582	ENERGY, CLIMATE AND SOCIETY	
SOC 580	ENVIRONMENTAL SOCIOLOGY	
SOC 581	SOCIETY AND NATURAL RESOURCES	
Law and Policy		
Select one course from the following:		3-4
FW 522	INTRODUCTION TO OCEAN LAW	
PPOL 546	THE POLICY AND LAW OF UNITED STATES COASTAL GOVERNANCE	
PPOL 548	MARINE POLICY IN THE UNITED STATES	
PS 575	ENVIRONMENTAL POLITICS AND POLICY	
PS 578	RENEWABLE ENERGY POLICY	
Communication		
Select one course from the following:		2-3
COMM 521	SCIENCE COMMUNICATION	
GEOG 553	EFFECTIVE COMMUNICATION OF ENVIRONMENTAL CHANGE SCIENCE	
IB 515	COMMUNICATING YOUR SCIENCE	
IB 519	SCIENTIFIC ILLUSTRATION AND VISUAL COMMUNICATION	
OEAS 515	SCIENTISTS AS WRITERS	
Thesis/Project		
Select one of the following:		6-12
MRM 503	THESIS (9-12 credits)	
MRM 506	PROJECTS (6-9 credits)	
Electives		
Select courses in consultation with the MRM Program Director and Major Professor		6-15
Total Credits		45

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