

The Master of Marine Policy (MMP) degree is jointly offered by UAF and UAS, with UAF as the lead institution for applications and program administration. MMP Graduates receive a diploma indicating that the degree is awarded jointly by UAF and UAS.

The curriculum includes foundational and capstone courses in marine policy, an internship, and breadth/depth requirements in five areas:

1. **Living Marine Resources**
2. **Management of Living Marine Resources,**
3. **Analytic Methods**
4. **Law and Policy**
5. **Economics, Development, and Sustainability**

The wide range of courses that satisfy these requirements allows the curriculum to be tailored to each student's goals.

- General University Requirements
- Foundation Course (3 credits)

- Electives to fulfill the five Core Area Requirements (12 – 17 credits)
- Electives to fulfill the Emphasis Requirement (4 – 8 credits)

- Internship with a federal, state, local, or tribal government, a marine-dependent industry, or marine-focused NGO (2 – 6 credits)
- Marine Policy Capstone (3 credits)

The design and implementation of effective Marine Policy entails quantitative and qualitative analyses relevant to the oversight and management of marine resources: the study of the potential and actual social, economic, legal, environmental, and ecological consequences of alternative policies; an objective exploration of what is, what was, and what could be.

Graduates of this program will have the skills and knowledge necessary to conduct forward-

looking analyses to predict the outcomes of management actions and retrospective analyses of actual management outcomes.

Courses are drawn from the **Alaska Native Studies, Anthropology, Arctic and Northern Studies, Biology, Cross-cultural Studies, Economics, Fisheries, Geography, Homeland Security and Emergency Management, Marine Biology, Natural Resource Management, Political Science, Public Administration, Rural Development,** and **Statistics programs** at UAF and UAS. Most of these courses are offered through synchronous or asynchronous modalities, making this degree program accessible to students throughout Alaska and worldwide.

- Flexible class schedules work around your life
- Hybrid classes: study remotely or in person
- Earn your degree in as little as one year

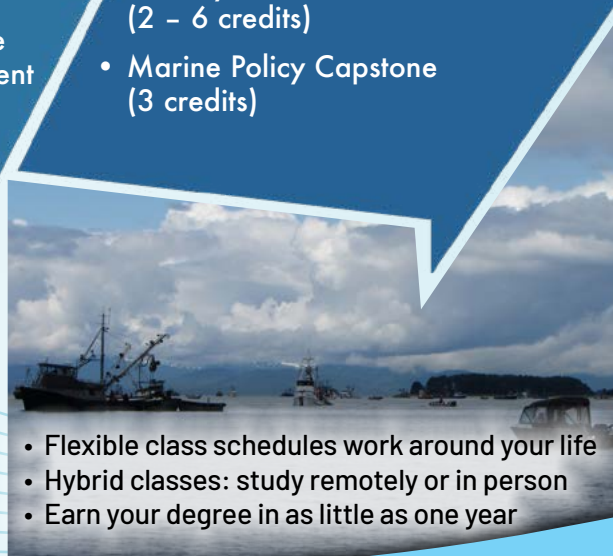
# MASTER OF MARINE POLICY

UNIVERSITY OF ALASKA FAIRBANKS

Federal and State waters off Alaska comprise nearly one-third of the U.S. total. These pristine waters support abundant living marine resources, hold substantial petroleum, mineral, and alternative energy resources, serve as vital global shipping routes, and are the cultural heritage of Alaska's indigenous people.

The Master of Marine Policy program leverages the combined strength and global reach of UAF and UAS to provide students unparalleled exposure to policy processes as they adapt to changes in Alaska's marine social-ecological system.

**Application deadlines:** Fall semester – June 1  
Spring semester – October 15  
Summer session – May 1



The University of Alaska is an Equal Opportunity/Equal Access Employer and Educational Institution. The University is committed to a policy of non-discrimination against individuals on the basis of any legally protected status.

**College of Fisheries and Ocean Sciences**  
Academic Programs  
Tel: (907) 474-7289 info@cfos.uaf.edu  
Pgm. Coordinator: Keith Criddle (kcriddle@alaska.edu)

## LIVING MARINE RESOURCES

Complete at least one course 3-4 credits

- BIOL S405 Invertebrate Zoology
- BIOL S427 Introduction to Ichthyology
- BIOL S481 Marine Ecology
- FISH F427 Ichthyology
- FISH F633 Pacific Salmon Life Histories
- FISH F643 Fisheries Oceanography
- FISH F650 Fish Ecology
- MBI F410 Marine Bird Ecology and Conservation
- MBI F610 Marine Biology
- MBI F615 Physiology of Marine Organisms
- MBI F619 Biology of Marine Mammals
- MBI F652 Marine Ecosystems
- MBI F667 Ecology and Physiology of Marine Macroalgae
- OCN F65 Biological Oceanography
- OCN F681 The Ocean and Global Change

## MANAGEMENT OF LIVING MARINE RESOURCES

Complete at least one course 2-3 credits

- FISH F622 Quantitative Fish Population Dynamics
- FISH F641E Ecosystem-based Fisheries Management
- FISH F645 Bioeconomic Modeling and Fisheries Mgmt.
- FISH F682 Field Course in Salmon Management
- FISH F687 Fisheries Management

## ANALYTIC METHODS

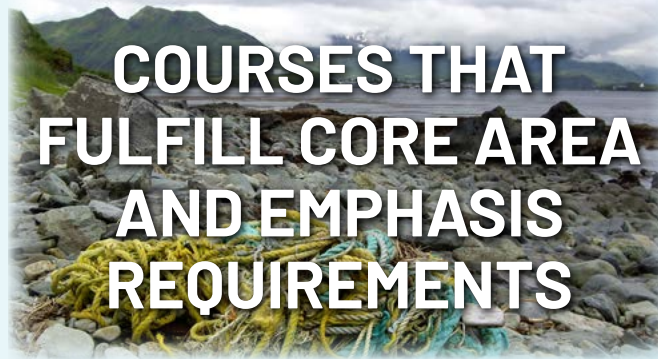
Complete at least one course 2-4 credits

### Statistics

- FISH F604 Modern Applied Statistics for Fisheries
- FISH F627 Statistical Computing with R
- FISH F631 Data Analysis in Community Ecology
- FISH F635 Data Visualization in Fisheries
- NRM F435 GIS Analysis
- NRM F638 GIS Programming
- NRM F669 Survey Research in Human Dimensions of Natural Resources
- NRM F682 Nat. Res. Applications of Remote Sensing
- PADM S604 Applied Research Methods
- STAT S400 Statistical Computing with R
- STAT F401 Regression and Analysis of Variance
- STAT S401 Regression and Analysis of Variance
- STAT F461 Applied Multivariate Statistics
- STAT F605 Spatial Statistics
- STAT F611 Time Series
- STAT F621 Nonparametric Statistics
- STAT F631 Categorical Data Analysis

### Modeling

- FISH F645 Bioeconomic Modeling and Fisheries Management
- HSEM F673 Models & Scenarios for Disaster Risk Reduction



# COURSES THAT FULFILL CORE AREA AND EMPHASIS REQUIREMENTS

## Qualitative Analysis

- ACNS F601 Research Methods and Sources in the North
- FISH F613 Human-Environment Research Methods
- RD F650 Community-based Research Methods

## LAW AND POLICY

Complete at least one course 2-3 credits

### Regulation

- FISH F681 The North Pacific Fishery Mgmt. Council
- FISH F683 The Alaska Board of Fisheries

### Law

- ACNS F654 International Law and the Environment
- ANS F425 Federal Indian Law and Alaska Natives
- FISH F672 Law and Fisheries
- FISH F673 International Maritime Law and IUU Fishing
- NRM F407 Environmental Law
- PADM S618 Law for Public Managers
- RD F675 Federal Indian Law: Land, Water, and Subsistence

## Distributed Governance, Self-governance, and Co-management

- RD F435 Participatory policy-making in Tribal, State, and Federal Government
- RD F651 Management Strategies for Rural Development

## Policy Analysis

- ACNS F603 Public Policy
- ACNS F669 Arctic Politics and Governance
- FISH F670 Quantitative Analysis for Marine Policy Decisions
- FISH F694 Trial course: U.S. Marine Conserv. Policy
- HSEM F603 Disaster Management Policy
- PADM S635 Natural Resource Policy
- PADM S693 Special Topics course: Mariculture Policy

## ECONOMICS, DEVELOPMENT, AND SUSTAINABILITY

Complete at least one course 3 credits

### Development

- FISH F674 Economic Development for Fisheries Dependent Communities
- RD F430 Indigenous Economic Development and Entrepreneurship
- RD F625 Community Development Strategies: Principles and Practices

### Economics

- ECON F434 Environmental Economics
- ECON S435 Natural Resource/Environmental Economics
- NRM F647 Global to Local Sustainability
- NRM F656 Sustainable Livelihoods and Community Well-being
- PADM S625 Economics and Public Policy
- PADM S628 Public Financial Management
- PADM S637 Environmental Economics
- RD F630 Economic Development Policy and Entrepreneurship in Rural Alaska: Challenges and Opportunities

### Human Environments

- ACNS F652 International Relations of the North
- FISH F611 Human Dimensions of Environmental Systems
- FISH F616 Indigenous Fisheries of Alaska
- FISH F675 Political Ecology
- PS S458 Environmental Politics
- PS F658 Comparative Environmental Politics
- RD F612 Traditional Ecological Knowledge

### Business and Public Administration

- HSEM F603 Disaster Management Policy
- HSEM F613 International Disaster Management
- HSEM F621 Circumpolar Competition-Arctic Diplomacy and Defense
- HSEM F622 Arctic Strategies and Operations
- PADM S601 Introduction to Public Administration
- PADM S614 Public Policy and Accountability
- PADM S622 Human Resources and Organizational Development

## Apply Now!

University of Alaska Admissions  
PO Box 757480, Fairbanks, AK 99775  
Toll Free: 1-800-478-1823  
(907) 474-7500



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