

# M.P.S. IN FISHERIES MANAGEMENT AND CONSERVATION

**Fisheries Management and Conservation**  
 ( (<http://mps.rsmas.miami.edu/degree-program/fisheries-conservation-management>) **FMC** (<http://mps.rsmas.miami.edu/fisheries-management-and-conservation>)) (<http://mps.rsmas.miami.edu/degree-program/fisheries-conservation-management>)

The MPS in Fisheries Management allows students to develop the professional skills required to be a fisheries scientist with curriculum options in various relevant areas of interest, such as fisheries management, fisheries surveys, and quantitative fisheries.

Course	Title	Credit Hours
<b>Year One</b>		
<b>Fall</b>		
RSM 665	Fish Ecology and Oceanography	3
MES 660 & MES 661	Introduction to Marine Geographic Information Systems and Introduction to Marine Geographic Information Systems - Laboratory ((Can be taken in the Fall or the Spring))	3
MES 625	Fisheries Socioeconomics and Management ( or ELECTIVE)	3
RSM 667	Motorboat Operator Certificate Course	1-2
MES 608	Biometrics in Marine Science	3
	Credit Hours	13-14
<b>Spring</b>		
MES 645	Marine Population Assessment Surveys and Analysis	3
MES 710	International Ocean Law and Governance ( (or ELECTIVE))	3
MES 646	Marine Population Biology Processes and Modeling	3
MES 677	Management and Conservation of Marine Ecosystems	3
	Credit Hours	12
<b>Summer</b>		
MES 805	MPS Internship	6
	Credit Hours	6
	<b>Total Credit Hours</b>	<b>31-32</b>

## Elective Options

Students may take any elective on the RSMAS campus with the consent of their faculty advisor. Below are a few examples of courses past students in this program used as electives.

Code	Title	Credit Hours
BIL 623	Advanced Biology of Marine Invertebrates	4
MBE 716	Bayesian Statistics for Marine Scientists	3
MBE 787	Biology and Systematics of Fishes	3
MES 720	Coastal Law and Policy	3
MES 618	Coastal Zone Management	3
MAS 647	Computer Simulation Systems	3
MBE 676	Diseases of Marine Organisms	3
MES 602	Economics of Natural Resources	3
MES 620	Environmental Law	3
MBE 678	Evolutionary Genetics	3
POL 631	Global Environment Politics	3
MES 710	International Ocean Law and Governance	3
RSM 621	Object-Oriented Programming and Agent-Based Modelling	3
MES 616	Ocean Policy and Development and Analysis	3
RSM 710	The Physical Environment of Marine Organisms	3
MES 601	Political Ecology of Marine Management	3
RSM 600	Research Diving Techniques	3