

M.P.S. IN FISHERIES MANAGEMENT AND CONSERVATION

Fisheries Management and Conservation (FMC) (<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
Year One		
Fall		
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
Spring		
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
Summer		
MES 805	MPS Internship	6
	Credit Hours	6
	Total Credit Hours	31-32

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

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