

# M.P.S. IN TROPICAL MARINE ECOSYSTEM MANAGEMENT

## Tropical Marine Ecosystem Management (TME)

The MPS in Tropical Marine Ecosystem Management provides students with advanced training in the theoretical aspects of tropical marine ecology, as well as the practical aspects needed to begin a career in this field. Please see our departmental web site (<http://mps.rsmas.miami.edu/degree-program/tropical-marine-ecosystem>) for more information about this program.

Course	Title	Credit Hours
<b>Year One</b>		
<b>Fall</b>		
MBE 615	Tropical Marine Ecology	3
RSM 600	Research Diving Techniques (Can be taken in Fall or Spring) Or ELECTIVE	3
RSM 667	Motorboat Operator Certificate Course	1-2
RSM 612 or MES 608	Statistics for Environmental Management or Biometrics in Marine Science	3
MES 620, 720, or 616	Environmental Law (or ELECTIVE) or Coastal Law and Policy or Ocean Policy and Development and Analysis	3
	Credit Hours	13-14
<b>Spring</b>		
MBE 621	Field Techniques and Instrumentation in Tropical Marine Ecology	3
MES 660 & MES 661	Introduction to Marine Geographic Information Systems and Introduction to Marine Geographic Information Systems - Laboratory	3
MES 610	Environmental Planning and the Environmental Impact Statement (or ELECTIVE)	3
MES 646	Marine Population Biology Processes And Modeling (or ELECTIVE)	3
	Credit Hours	12
<b>Summer</b>		
MBE 805	MPS Internship	6
	Credit Hours	6
	Total Credit Hours	31-32

Code	Title	Credit Hours
BIL 623	Advanced Biology of Marine Invertebrates	4
MES 606	Advanced Fieldwork in Coastal Cultures	3
MBE 716	Bayesian Statistics For Marine Scientists	3
MBE 704	Biological Oceanography	3
MES 720	Coastal Law and Policy	3
MES 602	Economics of Natural Resources	3
MES 620	Environmental Law	3
MES 610	Environmental Planning and the Environmental Impact Statement	3
MBE 678	Evolutionary Genetics	3
MES 614	Underwater Archaeology Field Techniques	3
MES 604	Fieldwork in Coastal Management: Tourism, Conservation, and Development	3
MES 605	Fieldwork in Coastal Cultures	3
MES 625	Fisheries Socioeconomics and Management	3
POL 631	Global Environment Politics	3
MES 710	International Ocean Law And Governance	3
MES 626	Submerged Cultural Resource Management	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
MES 662	Spatial Analysis: Intermediate Course in Marine GIS	3
MBE 614	Tropical Marine Biology: A Field Course	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.