

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

## Tropical Marine Ecosystem Management (TME (<http://mps.rsmas.miami.edu/tropical-marine-ecosystem-management>))

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

## 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
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