

# M.P.S. IN EXPLORATION SCIENCE

## Exploration Science (ESC) (<http://mps.rsmas.miami.edu/degree-program/exploration-science>)

Exploration Science is the applied practice and study of field research using a variety of methods, technologies, and approaches to drive question-based scientific endeavors.

Course	Title	Credit Hours
<b>Year One</b>		
<b>Fall</b>		
RSM 600	Research Diving Techniques (or ELECTIVE)	3
RSM 667	Motorboat Operator Certificate Course	1-2
MES 664	Citizen & Participatory Science	3
MES 674	From Gold to Glory : The Evolving History and Ethics of Exploration	3
MES 660 & MES 661	Introduction to Marine Geographic Information Systems and Introduction to Marine Geographic Information Systems - Laboratory	3
	Credit Hours	13-14
<b>Spring</b>		
MES 665	Exploration Technology and Media	3
MBE 621	Field Techniques and Instrumentation in Tropical Marine Ecology (or ELECTIVE)	3
MES 627	Exploration Science Field Studies	3
MES 672	The Archaeology of Seafaring (or ELECTIVE)	3
	Credit Hours	12
<b>Summer</b>		
MES 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
MES 606	Advanced Fieldwork in Coastal Cultures	3
MES 612	Aquaculture I	3
MBE 604	Biology of Marine Mammals	3
RSM 620	Climate and Society	3
MES 720	Coastal Law and Policy	3

MES 618	Coastal Zone Management	3
MES 620	Environmental Law	3
MES 604	Fieldwork in Coastal Management: Tourism, Conservation, and Development	3
MES 625	Fisheries Socioeconomics and Management	3
MES 671	Marine Conservation Biology: An Ecosystem-Based Paradigm	3
MBE 642	Oceans and Human Health	3
MES 601	Political Ecology of Marine Management	3
RSM 612	Statistics for Environmental Management	3
MBE 615	Tropical Marine Ecology	3