

M.P.S. IN AQUACULTURE

Aquaculture (AQU) (<http://mps.rsmas.miami.edu/degree-program/aquaculture>)

The MPS in Aquaculture focuses on the environmental, technological, social, economic, legal, and political aspects of sustainable aquaculture. The program covers all stages of planning and development, from site and species selection to feasibility studies, resource evaluation, hatchery and grow-out technology, and commercialization.

Course	Title	Credit Hours
Year One		
Fall		
MES 612	Aquaculture I	3
MES 660 & MES 661	Introduction to Marine Geographic Information Systems and Introduction to Marine Geographic Information Systems - Laboratory ((or ELECTIVE))	3
MES 602 or 625	Economics of Natural Resources or Fisheries Socioeconomics and Management	3
MES 617	Legal Environment and Business Planning in Aquaculture <small>NEW TITLE:</small> Aquaculture IV: Aquaculture Business, Regulatory, & Environmental Considerations	3
Credit Hours		12
Spring		
MES 613	Aquaculture II Lab <small>NEW TITLE</small> Aquaculture II: Advanced Techniques in Sustainable Aquaculture (Lab Course)	3
MES 628	Seafood Market and Marketing	3
MBE 686 or MES 629	Fish Physiology ((or ELECTIVE)) or Biology, Ecology, and Management of Mangrove Ecosystems	3
MES 619	Aquaculture III (Field Course)	3
Credit Hours		12
Summer		
MES 805	MPS Internship	6
Credit Hours		6
Total Credit Hours		30

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
Business School electives are applicable, with approval from Academic Advisor		
BIL 623	Advanced Biology of Marine Invertebrates	4

MES 720	Coastal Law and Policy	3
MBE 676	Diseases of Marine Organisms	3
MES 620	Environmental Law	3
MES 710	International Ocean Law and Governance	3
MES 671	Marine Conservation Biology	3
MBE 642	Oceans and Human Health	3
MES 616	Ocean Policy and Development and Analysis	3
RSM 645	Scientific Communication	3
RSM 612	Statistics for Environmental Management	3
MBE 614	Tropical Marine Biology: A Field Course	3