

Marine and Environmental Sciences, MS

Please see PhD Marine and Environmental Sciences (<http://catalog.northeastern.edu/graduate/science/marine-environmental-sciences/marine-environmental-sciences-phd/>) for further information about this program. No students will be admitted directly into this program to pursue a master's degree.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

Code	Title	Hours
All students must complete 30 SH; 20 SH must be graded coursework.		

Statistics

Complete one of the following: 4		
ENVR 6500	Biostatistics	
ENVR 6501	Lab for ENVR 6500	

An alternative statistics course may be completed upon approval by the graduate committee.

Research

Complete the following (repeatable) course twice: 8		
EEMB 8984	Research	

Concentrations

Complete one of the following concentrations:

- Ecology and Evolutionary Biology (p. 1)
- Geosciences (p. 2)
- Marine Sciences (p. 2)

ECOLOGY AND EVOLUTIONARY BIOLOGY

Code	Title	Hours
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Seminars

EEMB 7102	Seminar in Ecology and Evolutionary Biology	2
Complete one of the following: 2		
EEMB 7101	Seminar in Marine Sciences	
EEMB 7103	Seminar in Sustainability Sciences	
EEMB 7104	Seminar in Geosciences	

Readings

EEMB 8102	Readings in Ecology and Evolutionary Biology	2
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Concentration-Specific Electives

Complete 12 semester hours from the following: 12		
EEMB 5130	Population Dynamics	
EEMB 5504	Biology of Corals	
EEMB 5506	Biology and Ecology of Fishes	
EEMB 5508	Marine Birds and Mammals	
EEMB 5516 and EEMB 5517	Oceanography and Lab for EEMB 5516	
EEMB 5520	Tropical Marine Ecology	
ENVR 5210	Environmental Planning	
ENVR 5242 and ENVR 5243	Ancient Marine Life and Lab for ENVR 5242	
ENVR 5260	Geographical Information Systems	

Substitutions may be made with approval of graduate committee.

GEOSCIENCES

Code	Title	Hours
EEMB 7104	Seminar in Geosciences	2
Complete one of the following:		2
EEMB 7101	Seminar in Marine Sciences	
EEMB 7102	Seminar in Ecology and Evolutionary Biology	
EEMB 7103	Seminar in Sustainability Sciences	
Complete 3 SH of coursework in statistics. The following list includes potential courses:		3
EEMB 5522	Experimental Design Marine Ecology	
ENVR 6500	Biostatistics	

MARINE SCIENCES

Code	Title	Hours
EEMB 7101	Seminar in Marine Sciences	2
Complete one of the following:		2
EEMB 7102	Seminar in Ecology and Evolutionary Biology	
EEMB 7103	Seminar in Sustainability Sciences	
EEMB 7104	Seminar in Geosciences	
Complete 3 SH of coursework in statistics. The following list includes potential courses:		3
EEMB 5522	Experimental Design Marine Ecology	
ENVR 6500	Biostatistics	

Program Credit/GPA Requirements

30 total semester hours required

Minimum 3.000 GPA required