

MARINE SCIENCE - MARINE BIOLOGY MINOR

Contact

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Mission

The mission of the School of Marine and Environmental Programs at the University of New England is to help our students gain an understanding of the natural world, develop critical thinking skills, and become scientifically literate. Together we lay the foundation for lifelong learning and meaningful, productive contributions to society.

The Marine Sciences encompass a wide variety of disciplines that seek to understand the way the ocean functions, how it is related to earth systems science, and how humans interact with the environment. Students will learn the theoretical underpinnings and applications of disciplines from biology to chemistry, geology, and physics. These disciplines are critical to life as we know it on the planet. Students will be able to apply these disciplines to solving real problems, in ocean sciences and beyond.

Program Description

A marine science minor requires six courses and can follow either of the two concentrations in the major, Marine Biology or Oceanography.

Transfer Credit

See Undergraduate Admissions (<https://catalog.une.edu/undergraduate/admissions/>) for more information.

Admissions

See Undergraduate Admissions (<https://catalog.une.edu/undergraduate/admissions/>) for more information.

Financial Information

Tuition and fees for subsequent years may vary. Other expenses include books and housing. For more tuition and fee information, please consult this catalog's Financial Information (<https://catalog.une.edu/undergraduate/financial-information-undergraduate-programs/>) section.

Curricular Requirements

Code	Title	Hours
MAR 270 & 270L	Oceanography and Oceanography Lab	4
MAR 250 & 250L	Marine Biology and Marine Biology Lab	4
Select two additional Organismal topics courses		6-8
Select one of the following options:		8

Option 1:

Select one of the following:

BIO 105 & 105L & BIO 106 & BIO 106L	Biology I: Ecology/Evolution and Bio I: Ecology/Evolution Lab and Biology II: Cellular/Molecular and Bio II:Cellular/Molecular Lab
BIO 105 & 105L & MAR 106 & MAR 106L	Biology I: Ecology/Evolution and Bio I: Ecology/Evolution Lab and Cellular and Molecular Biology of Marine Organisms and Cell/Molec Bio/Marine Orgs Lab
MAR 105 & 105L & BIO 106 & BIO 106L	Ecology and Evolution of Marine Organisms and Eco/Evo of Mar Organisms Lab and Biology II: Cellular/Molecular and Bio II:Cellular/Molecular Lab
MAR 105 & 105L & MAR 106 & MAR 106L	Ecology and Evolution of Marine Organisms and Eco/Evo of Mar Organisms Lab and Cellular and Molecular Biology of Marine Organisms and Cell/Molec Bio/Marine Orgs Lab
Option 2:	
BIO 104 & 104L & MAR 105 & MAR 105L	General Biology and General Biology Lab and Ecology and Evolution of Marine Organisms and Eco/Evo of Mar Organisms Lab
MAR 106 & 106L	Cellular and Molecular Biology of Marine Organisms and Cell/Molec Bio/Marine Orgs Lab

Total Hours **22-24**

Code	Title	Hours
Organismal Topics Courses		
BIO 234 & 234L	Environmental Microbiology and Environmental Microbiology Lab	4
BIO 330 & 330L	and (Comparative Vertebrate Anatomy w/Lab)	4
MAR 222 & 222L	Finfish/Shellfish Culture Tech and Finfish/Shellfish Culture Tech Lab	4
MAR 223 & 223L	Health, Nutrition, Feeding Cultured Organisms and Health, Nutrition, Feeding Cultured Organisms Lab	4
MAR 312 & 312L	Plankton Ecology and Plankton Lab	4
MAR 320 & 320L	Invertebrate Zoology and Invertebrate Zoology Lab	4
MAR 331 & 331L	Biology of Fishes and Biology of Fishes Lab	4
MAR 355 & 355L	Biology of Marine Mammals and Biology of Marine Mammals Lab	4
MAR 375	(Biology of Sharks, Skates, and Rays w/Lab)	4
MAR 422 & 422L	Coral Biology and Coral Biology Lab	4
MAR 452 & 452L	Nat Hist & Ev of Galapagos Faun and Nat His&Evo Galapagos Faun Lab	4