



UMass

| Dartmouth

DEPARTMENT OF BIOLOGY

Marine Biology Advising Track

Students pursuing a BS degree in Biology with the Marine Biology Option take two years of required core courses in biology, chemistry, math, and physics. At the junior and senior level, 12 of 21 upper level credits in advanced biology courses required for graduation must come from the approved list of Marine Biology Option courses. A minimum of 2 courses must include a laboratory component; no more than one of these lab courses can be fulfilled by Research Project (BIO 440 or BIO 441).

Courses that fulfill the Marine Biology Option

BIO 316 Descriptive Oceanography
BIO 317 Biology of Invertebrates
BIO 413 Biology of Fishes
BIO 414 Biology of Marine Mammals
BIO 454 Biology of Sharks
BIO 471 Marine Microbiology
BIO 531 Advanced Ichthyology *
BIO 545 Biological Oceanography*

* Undergraduates may enroll in these graduate courses with approval from the instructor



Strongly recommended coursework

BIO 333 General Genetics
BIO 314 General Ecology
BIO 430 Biological Statistics
ENL 264 Communicating in the Sciences



Potential careers

Marine Fisheries Biologist
Environmental Analyst
Marine Ecologist
Research Assistant
Seafood Processing and Sales
Aquaculturist
Marine Educator
Scientific Project Manager
Marine Microbiologist
Taxonomist
Hatchery manager



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