

- Major, BS

A BS in Biology from UMass Dartmouth is setting a student on a track to take their inquisitive, analytical minds and propel them into top industry careers in their field of choice. Close to the ocean and semi-rural, the UMassD campus offers a “living laboratory” and field studies that are hard to find anywhere else. Faculty at this Tier 1 university are at the forefront of their fields, teaching and guiding young scientists into the many branches of biology.

Skills developed

With 120 Credits, students will develop strong skills in communication, mathematics and general university studies and will progress to choosing an advising track. General biology, marine biology, cellular and molecular biology, evolution and ecology, and the health professions are some of the track's students can take.

For more information about the innumerable opportunities, log on to umassd.edu/programs/biology.

Curriculum overview

For students interested in particular areas of biology we offer the following advising tracks so that you can take courses in your area of interest.

These tracks include:

- General Biology
- Marine Biology
- Health Professions
- Cellular and Molecular
- Evolutionary and Ecology

In their first and second year, Biology majors take basic courses in science, mathematics, and English. During their junior and senior years, students can choose upper-level biology electives that will prepare them for different types of careers in biology.

These classes include topics like:

- Descriptive Oceanography
- Plant Biology
- Animal Physiology
- Biology of Sharks
- Immunology
- Advanced Genetics

Top Jobs

- Biochemists (median salary \$91,190)
- Microbiologists (median salary: \$69,960)
- Medical Scientists (median salary \$82,090)
- Zoologists and Wildlife Biologists (median salary \$62,290)
- Genetic Counselors (median salary \$77,480)
- Natural Science Managers (median salary \$118,970)
- Nature Conservation Officers (average salary \$41,931)
- Forensic Scientists (average salary \$57,915)
- High School Biology Teachers (average salary \$50,529)

Internship Sites

- Nephrology Department, Yale School of Medicine
- The Lloyd Center for the Environment
- National Marine Fisheries Service
- Buttonwood Park Zoo
- SEA Lab

Graduate School Placements

- Baylor College of Medicine
- Brown University
- Johnson & Wales University
- New York University

Career Placements

- Beth Israel Deaconess Medical Center
- Brigham and Women's Hospital
- Cape Cod Veterinary Specialists
- Dana-Farber Cancer Institute
- Genzyme
- Massachusetts General Hospital
- Millennium Pharmaceuticals
- MIT Lincoln Laboratory
- Southcoast Hospitals Group
- The Spine and Orthopedic Center
- Woods Hole Oceanographic Institute
- Zoo New England

More Info

- Honors College
- Commonwealth Honor Scholars
- Undergraduate Research 3-Minute Thesis Competition
- Teacher Preparation (Middle and High School teachers) through the 4+1 MAT program
- Opportunities for research and field expeditions, like the 2016 study-away program exploring microbial life in Iceland
- Internships and independent study in fields of interest