

The goal of the biology curriculum is to make students aware of the structure, function, and evolution of life as manifested on the cellular, organismic, and population levels through lecture, formal laboratories, and experiential education (e.g. research and internship). There are many opportunities offered to students to explore their passions in the biological and life sciences, including our focus areas of bioinformatics, ecology and evolutionary biology, molecular biology, conservation, marine biology, bioethics, cancer biology, bioimaging, neuroscience, organismal biomechanics, and physiology.

B.A. Biology

Our B.A. program allows students to explore a breadth of interests while acquiring in-depth knowledge of the sciences.

B.S. Biology

Our B.S. program is designed for students who intend to pursue graduate study and research in the biological sciences, and careers in health or other science-related fields.

B.S. Environmental Biology

The B.S. program is designed to prepare students for graduate studies and careers in research or applied environmental fields (e.g., environmental consulting). The foundations for the Environmental Biology major are ecology, environmental science, evolution, and conservation.

B.A./B.S. Biology/Secondary Education

The Secondary Education program trains students with a passion for teaching science in high schools across the country. The B.A. program provides certification in Biology and General Science. The B.S. program provides the same with more biology electives and lab courses.

3 + 4 Optometry Program

This combined degree program with the New England College of Optometry allows highly motivated students with the goal of a profession in optometry to complete the B.A. or B.S. degree in biology and the doctor of optometry degree in seven years instead of the usual eight.



Explore Courses of Study
and More





PEOPLE, PLACES, AND POST-GRAD OUTCOMES

Our beautifully renovated Science Complex unites our science buildings — Albertus Magnus, Sowa, and Hickey halls, and includes nearly 65,000 square feet of laboratory and instructional space, state-of-the-art teaching facilities such as a vivarium, microscopy suite, rooftop observatory, computer modeling and computational lab, and cutting-edge audio-visual technology.

Our faculty come from diverse backgrounds and hold degrees from some of the finest institutions in science and research, including MIT, Brown University, Yale, and Harvard, and their work is published in leading scientific journals, including the American Association for Cancer Research, the Journal of Experimental Zoology, American Journal of Botany, Genetics, Marine Biology, Journal of Heredity, the Journal of Experimental Biology, Behavioral Ecology, and Neuropharmacology.

Selected Places of Employment

AmeriCorps • Amgen • Beth Israel Deaconess Medical Center
Boston Celtics • Boston Children's Hospital
Boston Orthopedic and Spine • Brigham and Women's Hospital
Broad Institute • CVS Health • Dana-Farber Cancer Institute
GE Healthcare • Mediatech
Memorial Sloan Kettering Cancer Center • Mercer
National Institutes of Health • Providence VA Medical Center
Siemens Healthineers • Tufts Medical Center
University of Pittsburgh Medical Center
Vertex Pharmaceuticals • Volunteers for Wildlife
Walt Disney World Company

Selected Graduate Schools

Boston College • Boston University • Brandeis University
Brown University • Columbia University • Fairfield University
Harvard University • Johns Hopkins University
Lincoln Memorial College of Veterinary Medicine
Mount Sinai Ichan School of Medicine
New England College of Optometry • Northeastern University
Simmons University • Suffolk University • SUNY Optometry
Syracuse University • Temple University
Tufts University School of Dental Medicine
University of Connecticut • University of Pennsylvania
University of Southern California • Wake Forest University
Zucker School of Medicine at Hofstra/Northwell

94%

of **biology graduates** are employed or attending graduate school

(Providence College classes of 2019 – 2023)

biology.providence.edu