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.
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.

**PEOPLE, PLACES, AND POST-GRAD OUTCOMES**

**Selected Graduate Schools**

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

**Selected Places of Employment**

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

**93%**

of biology graduates are employed or attending graduate school

(Providence College classes of 2018 – 2022)

biology.providence.edu