

Biology

The biology department offers courses that prepare students for work and advanced study in the biological and biomedical sciences and meets the needs of non-science majors who wish to integrate the perspectives of the science of biology into a liberal arts curriculum. The major in biology is especially suitable for students who intend to go on to professional schools in the health sciences or graduate work in a variety of subfields of the biological sciences. The department encourages students to identify an area to emphasize within biology and to plan a sequence of courses that will provide depth of exposure to the topics within that area, including a research experience, if possible. Two general curricula are offered: one in cell and molecular biology and one in ecology and evolution.

Related Careers:

Research Foundations /Industrial Labs Biotechnology Industry	Research & Development, Bioinformatics
Government	Research, Conservation, Armed Services, Law, Science Policy
Clinics and Hospitals	Research, Medical doctor, Teaching
Education	Elementary, Secondary, University teaching, Museum, zoo, nature center education
Pharmaceutical Companies	Biotechnical Research, Genetic Research, Pharmaceutical Sales
Botanical Gardens, Arboretums, Zoos, Aquariums, Science Museums	Field and lab work, Teaching, Research
Scientific Journals, Textbook Publishers	Technical writing, Scientific Illustration / Photography
Law	Patent Law, Environmental Law, Lobbying
Additional fields to consider:	Grant writing, Public Health, Food industry, Wildlife Preservation, Textile industry, Pest control, Agricultural industry

Where do Clark Biology majors intern?

- Biological Conservation Research Intern at Kwiáht Center for the Historical Ecology of the Salish Sea in San Juan Islands, WA
- Wellness Intern at Bethany Homes Community Services in Haverhill, MA
- Intern at Dana-Farber Cancer Institute, Harvard Medical School in Boston, MA
- Case Manager Assistant at Elder Services of Worcester
- Research Assistant at Tufts University in North Grafton, MA
- Sports Medicine Intern at The Stone Clinic and CrossCart Inc. in San Francisco, CA
- Research Assistant at Newton Wellesley Hospital and Brigham and Women's Hospital in Newton, MA
- Lab Assistant at UMass Medical School in Worcester, MA

Where do Clark Biology majors attend graduate school?

- DDS, Dentistry, Univ of CA
- DPT, Doctor of Physical Therapy, New York Medical College
- D.C., New York Chiropractic College
- DVM, Veterinary, Kansas State Univ
- M.A., Biology, Clark University,
- MPH, Public Health, Tulane University
- PharmD, Massachusetts College of Pharmacy and Health Science
- D.O., New England College of Optometry
- Master's in Education, UMass Lowell
- DPT, Kansas State University
- Master's in Biology, NYU
- Biomedical Sciences, Harvard Extension School
- Masters' in Nursing, Mass General Hospital Institute
- DPT, Palmer College of Chiropractic

What do Clark Biology majors do?

- Applications Chemist I, Waters Corp.
- Physician, internal medicine, St. Vincent Hospital
- R & D Specialist, Shire Human Genetic Therapies
- Business Manager, V-Med Medical Aid Administrators
- Healthcare Consultant, Ernst & Young
- Attorney, Office of the Attorney General
- Research Asst ., Dartmouth Medical School
- Associate Scientist, Pfizer
- Physician, Howard University
- Radiologist, S&D Medical
- Research Technician, Children's Hospital
- Chiropractor, Northeast Chiropractic
- Anesthesiologist, Milford Practice
- ER Physician, St. Elizabeth Hospital
- Professor, University of Southern Florida
- Professor, Long Island University

Links for Further Research:

National Science Foundation	http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&from=fund
Pfizer Online Guides to Careers in HealthCare	http://www.pfizer.com/home/
Massachusetts Biotechnology Council	http://www.massbio.org
American Institute of Biological Sciences	http://www.aibs.org/home/index.html
Marine Biological Laboratory	http://www.mbl.edu/
Max Planck Institute	http://www.mpg.de/en