



OVERVIEW

Biology provides a basic understanding for the organization and processes of life in a wide variety of areas, including ecosystems and evolution, molecular research, cells, organ systems and species development. With roots in research, development and innovation, biology plays a major role in business development and advances in healthcare, pharmaceuticals and the social sciences. Biology can lead to a variety of diverse co-op and internship opportunities in research, healthcare, business and pharmaceuticals. Additionally, it can also serve as a solid base for entering into a more concentrated medical field, including medical or dental school or masters degree in nursing or physician assistant studies.

Concentrations: Biology, Biochemistry, Behavioral Neuroscience, Biology/Biotechnology (BS/MS), Pre-Medical Advising

Department website: <http://www.biology.neu.edu/>

SAMPLE JOB TITLES

Agricultural Scientist
Biostatistician*
Clinical Researcher
Dentist/Dental Hygienist*
Doctor*
Food/Flavor Chemist
Geologist
Lab Technician
Marine Biologist*
Microbiology Technician
Nurse Practitioner*
Pharmaceutical Chemist
Plant Engineer (Biology or Pharmacy)
Psychologist*
Product Manager
Sales Representative
Scientific Recruiter
Scientist*
Engineer (for biotech companies)
Teacher/ Professor (college level)*
Technical Writer
Veterinarian*

Many of these positions may require additional education or experience and are indicated by a (*).

TYPES OF EMPLOYERS

Aquariums
Colleges and Universities
Food and Beverage Companies
Healthcare Facilities
Laboratories
Market Research Firms
Museums
Pharmaceutical Companies
Public and Private Schools
Research Institutes
State/Federal Government
Veterinary Clinics

INTERNSHIPS

These sample titles can be used to research internship opportunities in the field.

Assistant Teacher
Clinical Research Intern
Pharmacy Technician
Life Sciences Intern
Research Assistant
Sustainable Materials Recovery Intern

To search for internship opportunities, login to [Husky Career Link](#), Career Services' online job and internship bank for opportunities with employers seeking to hire NU students.

CO-OPS

For more information, please visit the department's website. Career Services is not responsible for co-op coordination or placement.

Students enrolled in the *College of Professional Studies* may click [here](#) for co-op and internship information.

CAREER EXPLORATION & JOB POSTINGS

The following resources include various websites and campus resources that will aid you in exploring this career field and industry.

CAREER & JOB WEBSITES

[MassCIS – Massachusetts Information System](#)

[Bureau of Labor Statistics – Occupational Outlook Handbook](#)

[Vocational Biographies](#) (username: NE Univ; password: RAZDE)

[O*NET OnLine](#)

Add any additional websites specific to the major

www.biologyjobs.com

www.pharmaceuticaljobsusa.com

www.healthcaresource.com

www.newscientistjobs.com

www.hirelifescience.com

CAMPUS ORGANIZATIONS & ACTIVITIES

- American Medical Student Organization at Northeastern University
- Biochemistry Club
- Biology Club
- Departmental Colloquia
- Health Science Society of Bouve College
- Minority Association of Pre-Health Students
- NU Future Educators
- NU Pre-Dental Association
- NU Society of Health-System Pharmacy
- NU Student Nurses Association
- NU Future Educators
- Phi Sigma
- Student Affiliates and the American Chemical Society

**For additional student organizations click [here](#).*

**For additional student activities click [here](#).*

PROFESSIONAL ASSOCIATIONS

Find valuable industry information, job sites, and professionals in the field you may contact for informational interview requests and networking opportunities.

- <http://www.aibs.org> The American Institute for Biological Sciences
- <http://www.ascb.org> The American Society for Cell Biology
- <http://www.faseb.org/genetics/ashg/ashgmenu.htm> The American Society of Human Genetics
- <http://www.asmusa.org> The American Society for Microbiology
- <http://www.abrf.org> The Association of Biomolecular Resource Facilities (ABRF)
- <http://www.faseb.org> Federation of American Societies for Experimental Biology (FASEB)
- <http://sbsonline.com> The Society for Biomolecular Screening
- <http://www.sivb.org> The Society for In Vitro Biology (SIVB)
- <http://www.socgenmicrobiol.org.uk/default.htm> Society for General Microbiology (SGM)
- <http://www.simhq.org> Society for Industrial Microbiology (SGM)
- <http://www.sfn.org> The Society for Neuroscience

SOCIAL MEDIA

Sample LinkedIn.com Groups providing resources such as industry trends, company information, job listings, and networking opportunities within the field:

- Computational Biology
- Molecular Lab (Community of Molecular Biology and Biotech companies, students and researchers)
- Systems Biology
- Science Jobs
- The Scientific Journal Club