



OVERVIEW

Chemistry is a science focused on substances that compose matter, both living and inert. Chemists study the properties and reactions of materials and how they react with one another, which often leads to new and exciting discoveries. Aside from playing a major role in healthcare and pharmaceuticals, chemistry and biochemistry have a major impact on the business world, technology and the government. A major in chemistry or biochemistry can lead to a variety of different co-op opportunities and careers in a wide assortment of functional areas including forensic science, biotechnology, scientific publishing, patent law, pharmaceuticals, marketing and green technologies among numerous others.

Concentrations: B.S. in Chemistry, B.S / M.S. in Chemistry, B.S. in Biochemistry

Department website: <http://www.northeastern.edu/chem/>

SAMPLE JOB TITLES

Anesthesiologist*
Chemistry Analyst
Chemistry Technician
Dentist*
Doctor*
Flavor/Fragrance Researcher
Food Scientist
Forensic Scientist*
Laboratory Technician
Medical Technologist
Nutritionist*
Patent Lawyer*
Professor (college level)*
Research Scientist
Teacher
Technical Writer
Veterinarian*

TYPES OF EMPLOYERS

Biotechnology Firms
Chemical Engineering Firms
Colleges and Universities
Environmental Management Firms
Energy Companies
Forensic Labs
Government Agencies
Healthcare
Law Firms
Medicine
Non-Profit Organizations
Perfumes and cosmetic companies
Petrochemicals Companies
Pharmaceutical Companies
Publishing
Textiles and Dye Companies

INTERNSHIPS

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

Chemistry/Material Science Intern
DNA Chemistries Intern
Medical Technologist Intern
Operations Intern
Processing Intern
Research Assistant

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](#)

[chemjobs.net](#)

[New Scientist Jobs](#)

[Chemical Engineering Jobs](#)

[Bio Careers](#)

www.healthcaresource.com

www.pharmaceuticaljobsusa.com

CAMPUS ORGANIZATIONS & ACTIVITIES

- Biochemistry Club
- GlobeMed
- Health Science Society of Bouve College
- Minority Association of Pre-Health Students
- NU American Medical Student Association
- NU Pre-Dental Association
- NU Society of Health-System Pharmacy
- NU Student Nurses Association
- Student Affiliates of 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.

- American Chemical Society
- American Institute of Chemical Engineers
- American Institute of Chemists
- American Association for Clinical Chemistry
- American Association for the Advancement of Science
- American Association of Textile Chemists and Colorists
- Chemical Abstracts Service
- Counsel for Chemical Research
- International Union of Pure and Applied Chemistry
- The Molecular Graphics and Modelling Society

SOCIAL MEDIA

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

- Science Jobs
- The Biopharmaceutical CMC Group
- The American Chemical Society
- LIMS and Labs Careers
- Medical Laboratory Scientists