Focus on Careers:

BIOCHEMISTRY AND BIOPHYSICS

The Graduate Program in Biochemistry and Biophysics offers students advanced training in macromolecular chemistry, mechanism, and structure. This multidisciplinary program prepares students for careers in a variety of fields including research, education, public health, and environmental protection. Completion of this program entails both classroom and laboratory components as well as a heavy emphasis on research, producing graduates that are well-trained in the sciences and well-prepared for their future careers regardless of what particular area they choose to focus in.

POSSIBLE AREAS OF EMPLOYMENT

- Basic or applied research
- Healthcare administration
- Bioinformatics
- Scientific journalism
- Scientific illustration
- Clinical research
- Intellectual property
- Patent agent
- Teaching & education
- Forensics
- Pharmaceutical development
- Journal publishing/editing
- Regulatory affairs
- Editing

POTENTIAL EMPLOYERS

- University laboratories
- Hospital laboratories
- Pharmaceutical companies
- Food and Drug Administration
- Department of Agriculture
- Public Health Department
- Independent research foundations
- Law firms
- Biotechnology companies
- Regulatory agencies
- Journal publishers
- Textbook publishers
- National Institute of Health
- Environmental Protection Agency

EMPLOYABILITY SKILLS

- Logic and reasoning skills
- Critical and analytical skills
- Ability to understand complex processes
- Grant-writing skills
- Numeracy and mathematical skills
- Problem-solving skills
- Independent thinking
- Data analysis skills

ADDITIONAL RESOURCES

To learn more about the field and career options in Biochemistry and Biophysics, please visit:

- Biochemical Society
  biochemistry.org
- American Chemical Society
  acs.org
- Scientific Research Corporation
  scires.com/careers/careers.htm
- National Institutes of Health Careers
  jobs.nih.gov/vacancies/scientific
- ScienceCareers
  sciencecareers.sciencemag.org
- NIH
  nih.gov

The Graduate School of Arts and Sciences' Career Services office helps you explore career options and acquire job-search skills while at Brandeis and as you prepare to enter the workforce.