

BIOCHEMISTRY AND MOLECULAR BIOLOGY

The Department of **Biochemistry and Molecular Biology** has developed faculty expertise and the supporting resource facilities to instruct students in three major areas of biochemistry and molecular biology: the structure and function of macromolecules, cellular biochemistry, and molecular gene expression. The undergraduate major provides students with a strong background in the biological, physical and mathematical sciences. Such training develops the skills necessary to pursue careers in biological and biomedical research, biotechnology, medical laboratories, and many health related professions such as medicine and veterinary care.

Factors of success:

Engagement
with the CSU
Career Center

Internship or
research
involvement

On campus
employment

GPA

Additional resources:

- What can you do with a major in Biochemistry? <https://col.st/430hE>
- Learn more about occupations involving Biochemistry: <https://col.st/DIAKn>
- Learn more about careers in Biochemistry from a professional association: <https://www.asbmb.org/career-resources>
- See current opportunities in Biochemistry: <https://col.st/NS1LM>



Common employers

- Abbott Laboratories
- Cargill
- Kaiser Permanente
- Mayo Clinic
- Roche Bioscience
- Rubicon Genomics
- Syngenta
- Zoetis

Common job titles

- Chemist
- Scientific laboratory technologist
- Associate Analyst
- Research Technician
- Biotechnologist
- Clinical research associate
- Clinical scientist
- Nanotechnologist

Scan the QR code to access the online version:



<https://col.st/pb2lo>



COLLEGE OF
NATURAL SCIENCES
COLORADO STATE UNIVERSITY

CAREER CHECKLIST

Year 1

- Go to the Career Center's drop-in hours or schedule an appointment
- Log into Handshake, the CSU Career Center's online location for on-campus jobs, internships, and careers. Find an on-campus job and work for 10+ hrs/week
- Join a student organization relevant to Biochemistry and Molecular Biology: <https://ramlink.collegiatelink.net/organization/biochemistry>
- View possible concentrations within a Biochemistry major: <https://col.st/iMJII>

Year 2

- Go to the Career Center to discuss job/internship search strategies, create a resume and write a cover letter and tips for interviewing
- Apply for summer internships or research opportunities related to Biochemistry and Molecular Biology
- Learn more about possible research opportunities in the department: <https://www.bmb.colostate.edu/research/>

Year 3

- Run for a leadership role in a student organization
- Update your resume and/or cover letter for internships or on-campus jobs
- Apply for undergraduate internship
- Learn about graduate school options in the Department of Biochemistry and Molecular Biology

Year 4+

- Present research at CSU
- Attend many networking events to meet employers
- Ask three professors and/or employers to be professional references
- Meet with Career Center to prepare for the job search or graduate school applications and to update your resume and/or cover letter

Alums

- You may continue to use the Career Center for guidance! All services are still available to you at no cost for one year after graduation and for a small fee after that

