Biotechnology

Explore Majors and Careers

What Can I Do With This Major:
Biochemistry, Biological Science, Healthcare Science

Industry Overview:
Biochemists and Biophysicists, Biotechnology

Sample CU Majors:
Chemical & Biological Engineering, Chemical Engineering, Chemistry, Ecology & Evolutionary Biology, Mechanical Engineering, Molecular, Cellular & Developmental Biology, Physics, Graduate Certificate in Biotechnology

Prepare for an Internship/Job Search

CU Clubs/Organizations:
BioFrontiers Institute, Biomedical Engineering Society, BioServe, Colorado Center for Biorefining and Biofuels, CU Biotech Club

Sample Local Opportunities:
Bolder Biotechnology, Covidien, Kelly Scientific Resources, Undergraduate Research Opportunities

Professional Organizations:
Biotechnology Industry Organization, Colorado BioScience Association, Global list of Biotechnology Associations


Description of the Field:
Biotechnology focuses on utilizing naturally occurring processes or products to develop outcomes that address individual and global issues such as health, agriculture, and the environment. Biotechnology includes Health Care, Agriculture/Aquaculture, Food Processing and Testing, Waste Management, and Biofuels. Biotechnology takes science beyond the bench of discovery, and transitions it into a product or process-based application.

Biotechnology skills include collaborations, teamwork, writing and following protocols, and working with vendors, clients, and regulatory personnel. General skills include effective written and oral communication, reading, and organization.
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Start an Internship/Job Search

Search for Internships & Jobs:


Visit Go Global for additional resources. Login to Careers Buffs to find internship and job postings from employers specifically seeking CU-Boulder students.

Adapt for a Changing World

Insider Advice & Trends:

Gain hands-on experience to explore different areas of interest and get involved in regional, state, or national industry organizations and science conferences.

Biotechnology incorporates many areas of science, and foundational knowledge in biology, genetics, immunology, chemistry, mathematics, computer sciences, and physics.

Sample Employers Recruiting at CU:

Array Biopharma Inc.
Bennett Aerospace, Inc.
Biogen Idec
CONMED
Covidien
Eli Lilly
Golden Helix, Inc
INTIO, Inc
MIOX Corporation
Mountainside Medical
OPX Biotechnologies, Inc.

Career Services

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