WHAT CAN I DO WITH MY CHEMISTRY/BIOCHEMISTRY DEGREE?

Using the Major Sheet:
• Large headings indicate industry area and subheadings indicate employers within that area.
• Use the titles to search for careers and related careers in order to explore your options within different areas of industry. Note that some career titles have multiple names for similar positions.
• An asterisk (*) notes that additional training (certification, graduate school, high level of experience) may be needed in order to obtain this career. Make sure to thoroughly research career pathways.

RESEARCH / MANUFACTURING
• Lab Research Assistant
• Associate Chemist
• Research Technician
• Crime Lab Assistant
• Product Developer
• Quality Control Technician
• Analytical Chemist
• Fiber Technologist
• Patent Examiner
• Biotechnologist
• Lab Technician
• Clinical Technician
• Drug Application Reviewer
• Petroleum Research Asst.
• Materials Scientist

PUBLISHING / INFORMATION
Corp. Libraries, Publishing Co. Technical Division, Chemical Co., Newspapers
• Technical Information Specialist
• Scientific Journalist
• Indexer of Periodicals
• Medical Reference Editorial Assistant
• Scientific Illustrator
• Assistant Editor
• Technical Writer
• Science Text Sales Rep.
• Abstractor
• Information Specialist
• Promotions Assistant
• Document Analyst
• Copy Editor
• Researcher

MARKETING / SALES
• Herbicide/Pesticides
• Chemicals
• Abrasives
• Technical Service Rep.
• Marketing Research Analyst
• Lab Equipment
• Photographic Supplies
• Biomedical Products
• Customer Service Rep.
• Pest Control Services
• Pharmaceuticals/Drugs
• Polymer/Petroleum
• Water Treatment

ENVIRONMENTAL SCIENCES
• Air/Water Quality Control Technician
• Volunteer Coordinator
• Recreation Planner
• State Parks & Recreation Worker
• Energy Conservation Technician
• Environmental Technician
• Hazardous Waste Manager
• Nature Interpreter
• Regulatory Affairs Specialist
• Natural Resource Manager
• Environmental Inspector
• Pollution Control Technician
• Lab Technician
• Park/Forest Ranger
• Documentation Specialist
• Tour Guide/Educator
• Conservation Officer
• Environmental Analyst

EDUCATION
• Public Health Educator
• Peace Corps Volunteer
• Zoo/Wildlife Educator
• Environmental Educator
• College Professor
• Technical Institute Educator
• Science Teacher
• Research Coordinator

HUMAN RESOURCES
• Technical Recruiter
• Technical Trainer
• Personnel
NON-PROFITS - RESEARCH / POLICY
• Community/Field Organizer  • Project Manager  • Research Associate
• Membership Coordinator  • Program Developer  • Political Organizer
• Grant Writer  • Lobbyist  • Project Assistant

HEALTH
Healthcare Providers
• Physician  • Dentist  • Optometrist
• Podiatrist  • Pharmacist  • Veterinarian

Hospitals, Insurers, Non-Profits
• Insurance Customer Service Rep.  • Medical Admissions Staff  • Patient Advocate
• Hospital Public Relations Assistant  • Medical Lab Technician  • Public Health Worker
• Medical Technologist  • Clinical Lab Specialist  • Rehabilitation Specialist

INSURANCE
• Claims Representative/Examiner  • Insurance Agent  • Underwriter

SPECIALIZATION
Graduate/Professional School
• Healthcare  • Pharmacology  • Agricultural Chemistry
• Food Sciences  • Cosmeceutical  • Forensics
• Analytical Chemistry  • Biochemistry  • Chemical Engineering
• Geochemistry  • Inorganic Chemistry  • Materials Science
• Chemical Biology  • Quantum Computing  • Polymer Chemistry

Preparation for a Competitive Job Market:
• Focus on transferable skill sets, as you pursue a degree in Chemistry/Biochemistry.
• Obtain relevant internship, co-op, or volunteer experiences.
• Supplement Chemistry/Biochemistry coursework with classes that are relevant to your career.
• Meet with a Career Specialist to explore options, make decisions, and prepare for career choices.

Additional Career Center Resources:
• Major Sheets (BIOC, BIOL, BTEC, ENCH, CHEM): http://careers.umbc.edu/tools/major-sheets/
• Links by Major: http://careers2.umbc.edu/tools/links.php
• Vault: http://careers.umbc.edu/students/discover/explore-careers-majors/
  -Click on Vault Career Insider portal link and provide UMBC user ID and password
  -Select “Guides” to view relevant guides such as:
    “Vault Guide to Chemistry Jobs”
    “Vault Guide to Pharmaceuticals and Biotechnology Jobs”
    “Vault Career Guide to Pharmaceuticals and Biotech”
    “Vault Guide to Health Care Provider Jobs”
    “Vault Guide to Environmental Science and Conservation Jobs”
    “Vault Guide to Government Jobs”
• Professional Associations:
  American Chemical Society: http://www.acs.org/content/acs/en.html
  American Society for Biochemistry and Molecular Biology: http://www.asbmb.org/
  National Association of Science Writers: https://www.nasw.org/
  The National Academies of Sciences, Engineering and Math: http://www.nationalacademies.org/
  Society of Chemical Industry: http://www.soci.org/
  Biophysical Society: http://www.biophysics.org/
• Additional Resources:
  UMBC PreMedical and PreDental Advising Office: http://premed.umbc.edu/
  American Chemical Society Job Board: http://chemistryjobs.acs.org/jobs/

UMBC Career Center, MP 201, 410-455-2216, careers@umbc.edu, careers.umbc.edu
10/2016