WHAT CAN I DO WITH MY CHEMICAL / BIOCHEMICAL ENGINEERING DEGREE?


Research & Development (Universities, Research Institutes, Industry)
- Development Engineer
- Asst. Research Engineer
- Petroleum Research Engineer
- Consumer Product R&D Designer

Design and Construction (Chemical Manufacturers)
- Project Engineer
- Asst. Design Engineer
- Process Engineer
- Designer Draftsperson
- Field Engineer
- Process Design Engineer
- Product Designer
- CAD Technician

Operations / Production (Manufacturers)
- Business Coordinator
- Project Engineer
- Field Technician
- Reliability Engineer
- Manufacturing Engineer
- Production Engineer
- Production Planner
- Quality Control Technician
- Materials Manager
- Supplier Quality Engineer

Environment and Waste Management (Chemical Companies, Government)
- Environmental Specialist
- Environmental Control Engineer
- Environmental Protection Officer
- Solid/Hazardous Waste Manager
- Environmental Engineer
- Chemical Engineer
- Safety Officer
- Project Engineer
- Environmental Risk Assessor
- Waste Water Treatment Engineer

OTHER ENGINEERING-RELATED

Government
- Project Engineer
- Peace Corps Volunteer
- Chemical Engineer
- CIA Engineer
- Patent Reviewer
- Mechanical Engineer

Human Resources
- Technical Recruiter
- High Tech Head Hunter

Sales / Marketing
- Sales Engineer
- High Tech Marketing Specialist
- Applications Engineer
- Technical Sales Rep.
- Product Engineer
- Product Manager
- Trade Show Organizer
- Technical Representative
- Marketing Research Analyst

Publishing
- Technical Writer
- Assistant Textbook Editor
OPERATIONS RESEARCH / MODELING
Consulting Firms, Large Corporations, Government, Research Organizations
≡ Research Assistant ≡ Analyst Assistant ≡ Market Forecaster

MANUFACTURING - PURCHASING & MATERIALS MGT.
≡ Operations Research Analyst ≡ Assistant Buyer ≡ Traffic Manager
≡ Inventory Manager ≡ Line Supervisor ≡ Production Manager
≡ Assistant Quality Assurance Manager ≡ Purchasing Agent ≡ Contract Agent/Manager
≡ Industrial/Wholesale Buyer ≡ Purchasing Price Analyst ≡ Cost Estimator

BANKING / REAL ESTATE / INSURANCE / FINANCE
≡ Assistant Loan Officer ≡ Mortgage Broker ≡ Credit Analyst
≡ Operations Manager ≡ Systems Consultant ≡ Appraiser
≡ Mortgage Banker/Officer ≡ Real Estate Analyst/Broker ≡ Underwriter
≡ Claims Adjudicator ≡ Insurance Broker ≡ Insurance Agent
≡ Claims Rep / Examiner ≡ Securities Analyst ≡ Financial Analyst
≡ Commodity Broker

KEEP IN MIND...
This list is just a brief introduction to your career options - it is not a complete list! Also keep in mind that although these career fields are open to you as a chemical/biochemical engineering major, you must take extra steps to prepare yourself for a competitive job market. It is important to:
(1) obtain relevant internship, co-op, or volunteer experience (see CC about their part-time, major-related job announcements and the Shriver Center about co-op, internship, and service opportunities) and
(2) supplement your chemical engineering course work with classes that would be relevant and beneficial to your chosen career field.
Make an appointment with a career advisor for suggestions on researching your career options, choosing a career field, and preparing for your chosen occupation.

ADDITIONAL RESOURCES
Internet sites: that allow you to explore career options for Chemical/Biochemical Engineering degree:

Career Center: Books/Resources (MP 212)
≡ Great Jobs for Engineering Majors
≡ Resumes for Engineering Careers

Professional Associations offer information of interest to engineering majors:
≡ American Institute of Chemical Engineers (www.aiche.org/)
≡ National Society for Professional Engineers (www.nspe.org)
≡ National Society of Black Engineers (national.nsbe.org/)
≡ American Chemical Society (www.acs.org)

UMBC, Career Center, MP 212, 410-455-2216, careers@umbc.edu, careers.umbc.edu