

# What Can I do with a major in Biochemistry

*The study of Biochemistry combines the knowledge of biology and chemistry to explain life processes in terms of chemical reactions within living cells. Biochemistry find career opportunities in the pharmaceutical industry, government agencies, and the biotechnology industry, where they may be involved in metabolic or genetic research in the laboratory, or in clinical research, finding new ways to treat disease. Biochemistry majors are also well prepared for advanced study in law, medicine and other health professions.*

## A Sample of Related Career Opportunities:

Anesthesiologist	Biochemist	Biomedical Engineer
Chemist	Clinical Research Specialist	College Professor
Cytologist	Dairy Technologist	Geneticist
Laboratory Supervisor	Patent Attorney	Perfumer
Pharmacist	Physician	Toxicologist
Process Development Specialist		Product Development Manager
Quality Control Inspector		Regulatory Affairs Specialist
Pharmaceutical Sales Representative		Science Teacher

## Types of Employers:

### **Private and Non-profit Organizations**

Biotechnology Firms	Health Maintenance Organizations
Chemical Manufacturing Firms	Hospitals
Colleges and Universities	Medical Instrument Companies
Computer Firms	Pharmaceutical Companies
Crime Labs	Research and Development Labs
Energy Firms	Research Institutes

### **Government Agencies**

Centers for Disease Control	Federal Bureau of Investigation
Department of Agriculture	Food and Drug Administration
Department of Defense	National Cancer Institute
National Institutes of Health	Department of Interior
Nuclear Regulatory Commission	Drug Enforcement Agency
Environmental Protection Agency	Public Health Service
Occupational Safety and Health Administration	
Department of Health and Human Services	

## Links for Biochemistry Majors

American Society for Biochemistry and Molecular Biology: <http://www.asbmb.org>  
Internet Resources for Biochemists: <http://www.cwru.edu/med/biochemistry/tools/>  
Biochemistry Scholarly Societies: [http://www.scholarly-societies.org/biochemistry\\_soc.html](http://www.scholarly-societies.org/biochemistry_soc.html)  
Virtual Library, Chemistry List: <http://www.liv.ac.uk/Chemistry/Links/listsspecial.html>  
Biology, Chemistry and Biochemistry Links: <http://mcb.harvard.edu/BioLinks/biochem.html>  
Science Careers: <http://recruit.sciencemag.org/>  
Occupational Outlook Handbook: <http://www.bls.gov/oco/>  
The Scientist's Employment Network: <http://www.scijobs.org/>  
Bio View - Biotechnology & Pharmaceutical Employment: [www.bioview.com/bv/servlet/BVHome](http://www.bioview.com/bv/servlet/BVHome)  
MonsterTRAK: <http://www.monstertrak.com>