

## What can I do with a major in “Chemistry”?

### The University of Georgia Career Center

Clark Howell Hall, 706-542-3375, [www.career.uga.edu](http://www.career.uga.edu)

Odum School of Ecology, 706-542-2968, [www.ecology.uga.edu](http://www.ecology.uga.edu)



*This information describes typical occupations and employment settings associated with this major. Understand some of these options may require additional training. Moreover, you are not limited to these options when choosing a possible career path.*

#### Description of Chemistry

Chemistry majors are trained to think both analytically and creatively to solve practical and research problems. Chemistry majors work all primary work sectors: non-profit, education and government, and industry, some proceed to law or medical degrees. Nearly 70 percent of chemists work in industry. Half of the chemists work with research. Bachelor's degrees qualify for employment with the federal government in quality control and analytical positions, research and for the development of fuels and medicines. "The Department of Chemistry strives for an ideal balance between knowledge creation and knowledge dissemination in the chemical sciences, with a focus on student training and education. Our mission is to train and mentor students as responsible scientists and scientifically literate professionals, involving them in all aspects of chemistry and the global chemical enterprise." --UGA Chemistry Dept. Mission Statement

#### Research Careers

O\*NET <http://online.onetcenter.org> (Click on Find Occupations)

Georgia Career Information Center <http://www.gcic.peachnet.edu> (Accessible only on campus computers)

Occupational Outlook Handbook <http://www.bls.gov/oco> (Type in general term for career of interest)

Alberta Occupational Profiles [www.alis.gov.ab.ca/occinfo/frameset.asp](http://www.alis.gov.ab.ca/occinfo/frameset.asp) (Click on Occupational Title Search)

\*Please visit the Career Center Library or your Career Consultant for more information or assistance.

#### Possible Job Titles of Chemistry Graduates

(\*Jobs secured as reported by UGA Career Center post-graduate survey)

Electron/chemical Researcher	Cosmetics Engineer	Pharmaceutical scientist
Environmental Chemist	Medical Sales	Production facilities Manager
Industrial Chemist	Customer Training Specialist	Quality Control Specialist
Environmental Specialist	Medical Chemical Specialist	Research Technician*
Chemical	Defense Industry Chemist	Researcher*
DistributorGlass	Nuclear Chemical Technician	R & D Manager/Consultant
Industry Manager	Developmental Scientist	Scientific writer/Editor
Chemical Engineer	Paint Industry Scientist	Nutritional Chemist
Industrial production inspector	Drug developer/tester	Testing labs Researcher
Children's Hospital Chemist	Petroleum Industry Scientist	Textiles Industry Chemist
Industry Chemist		

#### Possible Employers of Chemistry Graduates

(\*Jobs secured as reported by UGA Career Center post-graduate survey)

Environmental Protection	Cosmetics Industry	Production/Testing labs facilities
Analysis and Testing	Packaging Industry	Research and Development
Glass & Textiles Industry	Defense Industry	Rockland React-Rite
Argolyn Bioscience	Paint Industry	Sandia National Laboratory
Astra	Drug Industry	Savannah Laboratories
Zenca Pharmaceuticals	Petroleum Industry	Scientific journals
Hickson Corporation	Pfizer Central Research	Springborn Testing & Research
Chemical Industry	Electronics Industry	Swiss Ctr. for Sci. & Sup-Comput
Industrial Production & Inspection	Engineering Firms	Technical consulting firms
Machinery Industry	Pharmaceutical supply companies	Thermo Electron Corp.
Chemical Manufacturers		

### Career Center Library Resources

*Dictionary of Occupational Titles, 4th edition*  
*Careers for Environ Types & Others Who Respect the Earth*  
*Careers for Plant Lovers and Other Green Thumb Types*  
*VGM's Careers Encyclopedia 4th Edition*  
*Careers for Sci Types and Others w/ Inquiring Minds*  
*Encyclopedia of Careers and Vocational Guidance*  
*The WetFeet Insider Guide to Ind & Careers for Undergrads*  
*Monster Careers: How to Land the Job of Your Life*  
*Occupational Outlook Handbook*  
*The Ultimate Guide to Getting the Career You Want*  
*The Vault College Career Bible*  
*Encyclopedia of Associations, Volume 1-Part 2*  
*Atlanta Business Chronicle Book of Lists*  
*Computer and Web Resources for People with Disabilities*  
*Job Search Handbook for People with Disabilities*  
*Job Hunting for People Who Have Disabilities*  
*Careers in Focus: Education*  
*Business Etiquette in Brief*  
*On a Personal Note: A Guide to Writing Notes With Style*  
*Federal Law Enforcements Careers*

*The Complete Guide for Getting Government Jobs*  
*How to Get into the Right Dental School*  
*How to Get Into the Right Nursing Program*  
*Perfect Personal Statements*  
*Graduate Programs in the Biological Sciences*  
*Grad Progs in Phy Sci, Math, Ag Sci, Environment /Nat Res*  
*Ultimate GRE Tool Kit*  
*Peterson's MCAT Success*  
*Exploring Health Care Careers*  
*International Job Finder: Where the Jobs are Worldwide*  
*Scoring a Great Internship*  
*Interview for Success (7th Edition)*  
*College Majors and Careers*  
*Networking for Everyone*  
*Rèsumé Magic*  
*Real Resumes for Students*  
*Peterson's Ultimate New Employee Survival Guide*  
*Next Step: The Real World*  
*Pathways to Career Success for Minorities*

### Campus Resources

**UGA Chemistry Department** - <http://www.chem.uga.edu/>

### Employment Websites

**American Chemical Society Jobs** - <http://chemistryjobs.acs.org/jobs>

**After College, Chemistry Department** - <http://www.aftercollege.com/jobseekers/internships/>

**Science Jobs** - <http://www.newscientistjobs.com/jobs/default.aspx>

**Nature Jobs – Chemistry** - <http://www.nature.com/naturejobs/index.html>

**ChemistryJobs.com** - <http://www.chemistryjobs.com/>

**ACS Jobs** -

[http://portal.acs.org/portal/acs/corg/content?\\_nfpb=true&\\_pageLabel=PP\\_CAREERS&node\\_id=87&use\\_sec=false&sec\\_url\\_var=region1&\\_\\_uuiid=f1fb1c09-3537-46a0-9387-a2d674e80368](http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_CAREERS&node_id=87&use_sec=false&sec_url_var=region1&__uuiid=f1fb1c09-3537-46a0-9387-a2d674e80368)

**Organic Chemistry Jobs Worldwide** - <http://www.organicworldwide.net/jobs/>

**Computational Chemistry List** - <http://www.ccl.net/chemistry/announcements/jobs/index.shtml>

### Additional Resources

**Chemical Society, American** - <http://portal.acs.org/portal/acs/corg/content>

**Chemical Society (Student Chapter)** - <http://www.chem.uga.edu/saacs/>

**ACS Publications** - <http://pubs.acs.org/about.html>

**ChemWeb** - <http://www.chemweb.com/>

**Am. Assoc. Advancement of Science** - <http://www.aaas.org/>

**Journal of Chemical Education** - <http://jchemed.chem.wisc.edu/>

**Web of Science** - <http://apps.isiknowledge.com/>