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# MAJOR-SPECIFIC CAREER GUIDE

## Chemistry

### Marketable Skills

Chemistry majors develop professional skills including:

- The ability to understand and communicate complex scientific concepts
- Knowledge of chemical development, analysis, modification, and replication
- Creative approaches to improving industrial processes
- Experience using scientific tools and instruments
- Experience testing products to ensure they meet specifications
- The ability to identify contaminants in food, products, air, and water
- Innovative uses for chemicals and their by-products
- The ability to think critically about chemical applications for issues in industry, agriculture, mining, medicine, and space exploration

### Relevant Fields

- Environmental Protection
- Food Chemistry
- Forensics
- Medicine / Pharmaceuticals
- Patent Law
- Product Development
- Public Health
- Textiles

### Sample Occupational Titles

Bachelor's Degree:

- Chemist
- Clinical Technician
- Laboratory Technician
- Quality Control Technician
- Technical Sales Representative

Advanced Degree:

- Chemical Safety Engineer
- Chemist
- Pharmaceutical Researcher
- Pharmacologist

## Print Resources

Find these titles and additional books, periodicals, and handouts in the [Career Resource Library](#):

- [Book of Majors](#) by The College Board
- [Careers in Science](#) by Thomas Easton
- [Great Jobs for Chemistry Majors](#) by Mark Rowh
- [Scientific Research as a Career](#) by Finlay MacRitchie

## Online Resources

Visit these websites and others listed in our [School-Specific Resources](#):

- Chemindustry at [www.chemindustry.com](http://www.chemindustry.com)
- Chemjobs at [www.chemjobs.net](http://www.chemjobs.net)
- Idealist at [www.idealist.org](http://www.idealist.org)
- Occupational Outlook Handbook at [www.bls.gov/oco](http://www.bls.gov/oco)
- O\*Net Resource Center at [www.onetcenter.org](http://www.onetcenter.org)
- USAJOBS at [www.usajobs.gov](http://www.usajobs.gov)
- Vault at [www.vault.com](http://www.vault.com)

## Professional Associations

The following professional associations offer career-related information and job listings:

- American Association for Clinical Chemistry at [www.aacc.org](http://www.aacc.org)
- American Chemical Society at [www.acs.org](http://www.acs.org)
- American Chemistry Council at [www.americanchemistry.com](http://www.americanchemistry.com)
- The Council for Chemical Research at [www.ccrhq.org](http://www.ccrhq.org)

Find more professional associations at American Society of Association Executives at [www.asaecenter.org/Directories/AssociationSearch.cfm](http://www.asaecenter.org/Directories/AssociationSearch.cfm)