

WHAT CAN I DO WITH A BACHELOR'S DEGREE IN CHEMISTRY ??

Facts about a chemistry degree:

- chemistry is divided into five main areas of study:
 - 1) analytical chemistry
 - 2) biochemistry
 - 3) inorganic chemistry
 - 4) organic chemistry
 - 5) physical chemistry
- there are no limits to where careers in chemistry can lead. There are many doors open to chemistry majors
- chemistry majors are prepared for careers in such diverse settings as research, education, government, and industry and work at various levels of responsibility
- obtaining practical experience using various laboratory equipment and high-tech scientific equipment and data is very beneficial when combined with the bachelor's degree

SKILLS POSSESSED BY CHEMISTRY GRADUATES:

Many employers are interested in the skills which chemistry majors tend to possess. These include:

- ability to make critical observations and appropriate decisions
- ability to operate scientific equipment
- ability to organize and maintain accurate records
- ability to conduct and clearly explain scientific research
- proficiency in reading, writing, speaking, and memorization
- sensitivity to the health and safety of others

From: The Metropolitan State College of Denver's Career Opportunities with a Major in Chemistry Homepage

SAMPLE JOB TITLES FOR CHEMISTRY GRADUATES:

(some may require additional education and/or training beyond the bachelor's degree)

chemist	analytic chemist
quality control chemist	associate chemist
laboratory technician	research assistant
technical sales representative	chemical safety officer
chemical and drug sales representative	clinical technician
consumer protection specialist	food and drug analyst
water quality analyst / technician	pollution controller
technical writer	information analyst
aerosol development manager	soil tester
quality assurance chemist	laboratory analyst
methods development chemist	chemical technologist
process development chemist	assayer
organic mass spectrometrists	product tester
forensic lab analyst	production chemist
pulp and paper chemist	lab coordinator
paint formulation chemist	chemical analyst
paper product developer	pest control technician
chemical information specialist	textile chemist
occupational health and safety officer	occupational hygienist
medical laboratory technician	perfumer



AREAS OF EMPLOYMENT: (this list is not exhaustive)

quality control laboratories	consulting firms
pharmaceutical / biotechnology industries	environmental consulting firms
mineral and metal industries	pulp and paper industries
hospital research laboratories	chemical laboratories
industrial laboratories	agricultural companies
food and beverage companies	professional chemical societies
health protection branches	textile manufacturers
waterworks departments	police laboratories
hazardous waste management corporations	chemical manufacturing plants
chemical testing / analysis companies	petroleum refineries
research centres / institutes	government
cosmetic companies	aerospace companies
utility companies	technical libraries
chemical distributors	science museums
newspapers / magazines	distilleries and breweries
oil companies	

Want More Information? Check these websites!

National Occupational Classification

www23.hrdc-drhc.gc.ca

workopolisCampus.com

(access code for University of Manitoba is *bisons*)

University of Manitoba – Faculty of Science – Department of Chemistry

www.umanitoba.ca/science/chemistry/index.shtml

<http://www.udel.edu/CSC/chem.html>

http://www.rose-hulman.edu/chemistry/career_venues_for_chemists.htm

<http://www.bsu.edu/csh/chemistry/careers.html>

<http://www.umanitoba.ca/institutes/CIC/>

For more information on occupational, educational and employment options, please drop by Career Services, 474 University Centre, 474-9456.