

## WHAT CAN I DO WITH A MAJOR IN CHEMISTRY

### CAREER INFORMATION FOR MAJOR IN CHEMISTRY

This handout provides sources of career information for **Chemistry Majors**. There are different career options available in the field of for **Chemistry**. Below is a sample of some of the types of positions for graduates with major in for **Chemistry**. Please note that you might require further education and experience for some positions.

### SKILLS DEVELOPED BY CHEMISTRY STUDENTS

- Ability to set up and solve problems
- Ability to work with exponents
- Ability to work with logs
- Ability to use the quadratic formula
- Knowledgeable of laboratory equipment, processes and techniques
- Conduct journal research
- Effective time management
- Successfully manage multiple project to meet deadlines
- Utilize logical reasoning to interpret results/data derived from scientific experimentation
- Evaluate the validity of research work
- Analyze data for trends
- Document observations from experiments
- Organize research ideas and information into comprehensive reports
- Create graphs to visually represent data
- Use various visual aids to conduct oral presentations on research findings
- Interact professionally with a multidisciplinary individuals and team
- Adapt vocabulary to suite a wide variety of
- Ability to use computer systems to process data
- Conduct research
- Read and comprehend scientific journals
- Ability to record accurate notes or lab observations
- Attention to detail

### CAREERS IN CHEMISTRY

#### Industry:

- Chemist
- Quality Assurance Manager
- Laboratory Manager
- Pharmaceutical Research Chemist
- Chemical Salesperson
- Industrial Hygienist
- Textile Chemist
- Paint Formulation Chemist
- Pharmacologist
- Safety Inspector
- Quality Technician
- Quality Control Technician

#### Government:

- Regulatory Chemist
- Drug Administration Inspector
- Environmental Compliance Officer
- Toxicologist
- Forensics Specialist
- Regulatory Affairs Specialist
- Ecologist

#### Education:

- Teacher/Professor
- Lab Assistant
- Research Assistant

#### Health Care:

- Hospital Administrator
- Pharmacist
- Medical Laboratory Technologist
- Epidemiologist

#### Other:

- Technical Writer/Editor
- Food Scientist/Technologist
- Brew master

## EMPLOYERS WHO HIRE CHEMISTRY GRADUATES

- Federal Government
- Federal Agencies
- Provincial Governments
- Apotex Inc.
- Electrovaya Inc.
- Endpoint Research
- Genpharm Inc.
- Glaxo Wellcome Canada
- Hospital for Sick Children
- Hydro One Inc.
- Hygeia Corporation
- Mount Sinai Hospital
- National Silicates Limited
- Novartis Consumer Health Canada Inc.
- NPS Allelix Corp.
- NRI Industries Inc.
- Owens Corning Canada
- Rothmans, Benson and Hedges Inc.
- Aventis Pasteur Limited
- Bayer Inc.
- Biovail Corporation
- CCL Industries Inc.
- CH2M Hill Canada Limited
- Cognis Canada Corporation
- Colgate-Palmolive Canada Inc.
- Dupont Canada
- Dynea Canada Ltd.
- Imperial Oil Limited
- Inco Limited
- Industrial Accident Prevention Association/IAPA
- Oil/Gas/Mining Companies
- Manufacturing Companies
- Patheon Inc.
- Rio Algom Limited
- Kinetrics Inc
- Kinross Gold Corp
- Kodak Canada Inc.
- Maxxam Analytics Inc.
- MDS Diagnostic Services
- SBR International
- SNC-Lavalin Inc. Engineers & Constructors
- Sterling Pulp Chemicals, Ltd.
- Toronto District School Board
- Toronto Sun Publishing Corp.
- Trillium Health Centre
- Xerox Canada Inc.
- AstraZeneca
- Peel District School Board
- PG Canada Inc.

## CHEMISTRY ASSOCIATIONS

The Chemical Institute of Canada  
[http://www.cheminst.ca/index.php/ci\\_id/1555/la\\_id/1](http://www.cheminst.ca/index.php/ci_id/1555/la_id/1)

Chemistry Industry Association of Canada's  
<http://www.ccpa.ca/>

Science - Chemistry - Associations - Directory  
<http://www.sciencecentral.com/>

International Chemistry Associations  
<http://www.science.co.il/Chemistry-International.asp>

Professional Societies and Associations: Chemistry  
[http://www.netsci.org/Resources/Web/society\\_chemistry.html](http://www.netsci.org/Resources/Web/society_chemistry.html)

## JOBS AND CAREER RESOURCE FOR CHEMISTRY STUDENTS

Canada's Top 100 Employers  
<http://www.canadastop100.com/national/>

Associations of Universities and Colleges of Canada  
<http://www.aucc.ca/>

My Science Career  
<http://scjobs.sciencemag.org/JobSeekerX/>

JobSquare.com  
[http://www.biotalent.ca/default\\_e.asp](http://www.biotalent.ca/default_e.asp)

National Job Bank  
<http://jb-ge.hrdc-drhc.gc.ca/>

Ontario Government Job Site  
<http://www.gojobs.gov.on.ca/>

Federal Government Departments and Agencies  
<http://canada.gc.ca/depts/major/depind-eng.html>

Career Beacon  
[http://www.biotalent.ca/default\\_e.asp](http://www.biotalent.ca/default_e.asp)

Health Employment Internet Project  
[http://www.biotalent.ca/default\\_e.asp](http://www.biotalent.ca/default_e.asp)

Public Service Commission  
<http://jobs-emplois.gc.ca/>

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