

## Chemist

Written by Administrator

Tuesday, 08 June 2010 22:46 - Last Updated Wednesday, 09 June 2010 15:07

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## Chemist

Chemists research the properties, composition and principles of elements and compounds, and apply chemical principles to developing a wide range of products and processes.

### What Do Chemists Do?

- Develop and conduct quality control programs for raw materials, chemical intermediates and final products
- Identify and quantify environmental pollutants
- Conduct research to develop new chemical formulations and processes, and devise new technical applications of industrial chemicals and compounds
- Research the properties of chemical compounds and the mechanisms of chemical reactions
- Investigate the chemical aspects of drug action, organ function, and the diagnosis and treatment of disease

### Where do Chemists work?

- AREVA and Cameco
- Pulp and Paper companies
- Chemical and Petrochemical Plants
- Pharmaceutical companies and Healthcare
- Petroleum and Natural Gas Production
- Research and Development laboratories
- Manufacturing and Utility companies



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### **Job Titles**

- Licensing Supervisor
- Quality Supervisor
- Chemist

### **What characteristics do you need?**

- Interest in math and problem-solving skills
- Communication skills
- Ability to work independently as well as with a team
- Patience, persistence and the ability to pay attention to detail

**Average Hourly Wage from 2006 Survey of Wages – Saskatchewan Labour - \$40.29/hour**

### **Post-Secondary Institute**

- University of Saskatchewan
  - o Degree Program
  - o Require: Grade 12 with a minimum of 70% average including Chemistry 30, Math B30, Math C30, Physics 30, Biology 30
  - o Length: 3 year Bachelor of Science or 4 year Bachelor of Science
  - o 4 year Bachelor of Science degree provides valuable preparation and training for students pursuing further study
- University of Regina
  - o Degree Program
  - o Require: Grade 12 with a minimum of 65% average
  - o Length: 4 year Bachelor of Science

Career Ambassador Project  
Community Vitality Monitoring Partnership Process  
306-425-6883