

# CHEM 122

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## **CHEM 122 Principles of Chemistry II**

3 Credits

Continuation of the study of chemical principles initiated in CHEM 121, this course consists of three topics, namely, thermodynamics, a quantitative description of chemical reactions and a survey of organic chemistry. In the first topic, the four laws of thermodynamics will be discussed with particular emphasis on their application to chemical reactions. The second topic deals with the time dependence of chemical reactions, both short times, chemical kinetics, and long times, chemical equilibrium. The final topic includes nomenclature, structure and properties of simple organic compounds as well as a description of some reactions associated with various organic functional groups. (3,3,0)

### **Prerequisites**

CHEM 121 or Chem 111 and MATH 101 Co-requisite: MATH 102, Take MATH-102

### **Transfer Credits**

Explore transfer credit opportunities by visiting the BC Transfer Guide (<http://www.bctransferguide.ca>)

