

# CHEM204 : Principles of Organic Chemistry

This course provides a broad introduction to the basic principles, theories and applications of the chemistry of carbon compounds. Topics will include modern structural theory, organic nomenclature, stereochemistry, reaction mechanisms and kinetics, and an introduction to functional group chemistry. Also covers the interpretation of IR, NMR, and mass spectroscopy for the structure determination of organic compounds. Includes lab experience.

**Credits** 4

**Prerequisites**

CHEM103 Principles of Chemistry or CHEM110 General Chemistry I

**Prerequisite Courses**

CHEM103

CHEM110

CHEM120

**Concurrent**

CHEM204L Principles of Organic Chemistry Lab.