

CHE 101 : Principles of Chemistry I (+lab)

Topics covered in this course include basic properties of matter, stoichiometry, the interactions of light and matter, an introduction to quantum theory, the electronic structure of the atom, chemical periodicity, thermochemistry, bonding theories and the properties of gases. The laboratory exercises introduce students to various quantitative methods of analysis, including gravimetric analysis, titrations and visible spectroscopy. A \$50 lab fee is charged.

Credits 4

Proficiency

QL

Liberal Education Core

Science

Prerequisites

- Successful completion (B- or better) of two years of high school algebra or [MAT 206](#)

Semester Offered

Offered fall