

# CHEM 1510 : General Chemistry I

This is the first course in a two-course general chemistry sequence, which covers the principles of chemistry and its quantitative aspects. Topics include the atomic theory of matter, electronic structure of atoms, theories of chemical bonding, reactions and stoichiometry, and properties of gases. Descriptive chemistry is integrated throughout the course. This course is intended for science majors. Lecture/laboratory. Prerequisites: Eligible to enroll in ENGL 1010. 75% or higher in high school chemistry and placement into MATH 1215 or higher, or CHEM 1020 and placement in MATH 1215 or higher, or CHEM 1010. High school physics and a familiarity with algebraic calculations is strongly recommended. Lab fee.

**Credits** 0.0-4

**Semester Offered**

fall/summer

**General Education Areas**

Natural Science Reason Gen Ed