

**Nebraska Wesleyan University**

Catalog 2015-2016

**Course:**

## **CHEM 1040 General Chemistry**

**3 hours**

**Departments/Programs:**

Chemistry

This course will provide an introduction to inorganic chemistry, organic chemistry and biochemistry. Major topics in inorganic chemistry will include: atomic structure, compounds and bonds, chemical equations and stoichiometry, gas laws, solutions, acids and bases, and major hydrocarbons and their derivatives. Major topics in organic chemistry and biochemistry will include: alkanes and their derivatives, carbohydrates, lipids, proteins, nucleic acids, enzymes and chemistry of cell metabolism. This course is only offered in University College.