

# CHEA 111: General Chemistry I

Discusses the fundamentals of chemistry. Topics include physical and chemical properties and changes in atoms, molecules, and ions; mass relationships in chemical reactions; reactions in aqueous solution, gases and the gas laws; thermochemistry; quantum theory and the electric structure of atoms; periodic relationships; chemical bonding; molecular geometry and hybridization of atomic orbitals; and intermolecular forces in liquids and solids. May be taken with a 1-credit laboratory component.

**Credits:** 4

**Prerequisites:**

High school chemistry.

**Program:** Undergraduate