

# CHEM 110: Chemistry for Health Sciences

Introduces fundamental concepts of general chemistry, organic chemistry, and biochemistry, primarily focused for application to nursing. Topics include molecular structure and bonding; chemical equations and associated calculations; solution calculations; states of matter; nuclear chemistry; identification of primary organic functional groups and their reactions; the basic chemistry of carbohydrates, proteins, lipids, amino acids, and DNA; critical thinking skills in science; and problem-solving procedure development.

**Credits:** 3

**Prerequisites:**

High school chemistry or permission of the professor.

**Co-Requisites:**

CHEM 110 Laboratory.

**Program:** Chemistry