

# CHEA 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. May be taken with a 1-credit laboratory component.

**Credits:** 3

**Prerequisites or Corequisites:**

High school chemistry or permission of the instructor.

**Program:** Undergraduate