

## CHM 112: College Chemistry II

This is the second course in a two-semester sequence designed primarily for the science and engineering major that is expected to have a strong background in mathematics. Topics in this course include chemical kinetics, chemical equilibria, acids and bases, ionic equilibria of weak electrolytes, solubility product principle, chemical thermodynamics, electrochemistry, oxidation-reduction, nuclear chemistry, and selected topics in organic chemistry, biochemistry, atmospheric chemistry, and descriptive chemistry, including the metals, nonmetals, semi-metals, coordination compounds, transition compounds, and post-transition compounds. Laboratory is required.

**Credits:** 4

**Prerequisites:**

CHM 111 (College Chemistry I).

**Program:** [Chemistry](#)