

# CHM 112 : COLLEGE CHEMISTRY II

This is the second course in a two-semester sequence designed primarily for the science or engineering major who 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

**Lecture Hours** 3

**Lab Hours** 3

**Course Tags**

CORE

**Prerequisites**

Grade of C or higher in both CHM 111 and MTH 112.