

# CHEM 1412 : General Chemistry II

CHEM 1412 General Chemistry II Chemical equilibrium; phase diagrams and spectrometry; acid-base concepts; thermodynamics; kinetics; electrochemistry; nuclear chemistry; an introduction to organic chemistry and descriptive inorganic chemistry. Basic laboratory experiments support theoretical principles presented in CHEM 1412; introduction of the scientific method, experimental design, chemical instrumentation, data collection and analysis, and preparation of laboratory reports. Three hours lecture and three hours lab per week.

**Credits** 4

**Lecture Hours** 3

**Lab Hours** 3

**Clinical Hours** 0

**CIP**

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**Prerequisites**

CHEM 1411 General Chemistry I (lecture + lab).

**Corequisites**

CHEX 1412 General Chemistry II (lab).