Nebraska Wesleyan University

CHEM 3510 Physical Chemistry I, Thermodynamics and Kinetics

Catalog

2026-2027

Course Description

An introduction to physical chemistry consisting of fundamentals of chemical thermodynamics, chemical and physical equilibrium, and chemical kinetics presented using a calculus-based mathematical treatment.
Three lectures per week.
Prerequisite(s): CHEM 2110 Organic Chemistry II: Synthesis and Mechanisms, CHEM 1120 Chemical Principles II and MATH 1600 Calculus I.
(Normally offered each fall semester.)

Course Hours

3 hours

Departments

1. Chemistry