

# CHEM 3510 Physical Chemistry I, Thermodynamics and Kinetics

3 hours

Majors, Minors & Degrees:

**Majors**

Biochemistry and Molecular Biology (B.S.)

Chemistry (B.A.)

Departments/Programs:

Chemistry

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.)