

**Course:**

**CHEM 3510 Physical Chemistry I, Thermodynamics and Kinetics**

**3 hours**

**Majors, Minors & Degrees:**

**Majors**

Biochemistry and Molecular Biology (B.S.)  
Chemistry (B.A.)  
Chemistry (B.S.)

**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.)