

## **CHEM 221 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-122 and MATH-105.*