

**Course:**

**CHEM 4420 Advanced Biochemistry**

**3 hours**

**Majors, Minors & Degrees:**

**Majors**

Biochemistry and Molecular Biology (B.S.)

**Departments/Programs:**

Chemistry

An advanced study of selected areas of biochemistry that will include enzyme kinetics, enzyme reaction mechanisms, DNA-protein interactions, rational drug design, metal ions in biology, and other topics. In addition, the use of advanced chemical and biochemical principles in biotechnology will be explored.

Three lectures per week.

*Prerequisite(s): CHEM 3410 Biochemistry.*