

Course:

**BIO 3410 Biochemistry**

**3 hours**

Departments/Programs:

Biology

A general introduction to the field of biochemistry involving a study of the chemistry of carbohydrates, lipids, nucleic acids, and proteins with attention given to metabolism, energetics, enzymology, role of cofactors, and biochemical control mechanisms. Three lectures per week.

*Prerequisite(s): BIO 1400 Introduction to Biological Inquiry, BIO 2200 Genetics and Cell Biology, BIO 2300 Ecology and Evolution and CHEM 2110 Organic Chemistry II: Synthesis and Mechanisms and CHEM 1120 Chemical Principles II.*  
(Normally offered each fall semester.)