

BIOCHEMISTRY (BIOPHYSICS) (BCH)

BCH 4024 Introduction to Biochemistry and Molecular Biology**Credit Hours:** 4**Prerequisites:** CHM 2211 and CHML 2211 - both courses with a grade of "C" or higher and departmental approval or admission to Bachelor's program required

This course is a comprehensive, one-semester biochemistry course intended for science majors. Course topics to be covered include physical biochemistry, intermediary metabolism of key catabolic and anabolic pathways, the mechanisms for in vivo regulation of these pathways; a survey of molecular biology, and enzymes kinetics. Students will also learn about the structures, functions, synthesis, and turnover of biologically-centered molecules such as proteins, nucleic acids, lipids, and carbohydrates.