

# Biochemistry and Molecular Genetics (BCMG)

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**BCMG 307. Fundamentals of Biochemistry. 3 hours.**

Includes the chemistry of cellular constituents, enzymology, metabolism, and intracellular control and elements of molecular biology. Course Information: Prerequisite(s): General and organic chemistry. Lecture course intended primarily for advanced undergraduate students in associated health sciences.

**BCMG 399. Undergraduate Laboratory Research. 1-4 hours.**

Laboratory research for advanced undergraduates. Course Information: Animals used in instruction. Satisfactory/Unsatisfactory grading only. May be repeated. Application of credit toward the degree is contingent upon the approval of the student's college and/or department. Prerequisite(s): Junior standing or above and consent of the instructor.

**BCMG 411. Introduction to Biological Chemistry. 4 hours.**

Includes chemistry of cellular constituents; enzymology; metabolism of sugars, proteins, lipids, and nucleic acids; and regulation of metabolism. Course Information: Prerequisite(s): Organic chemistry. Lecture course designed primarily for students in the College of Dentistry. Class Schedule Information: To be properly registered, students must enroll in one Conference and one Lecture.