

Basic Core Medical Science (BCMS)

Course information contained within the Bulletin is accurate at the time of publication in July 2024 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

BCMS 4003. Fundamentals of Biochemistry for Pre-Health Postbaccalaureates. 4 Credit Hours.

This course is for students enrolled in the CST Post-Baccalaureate Pre-Health Program. The goal of Fundamentals of Biochemistry (Biochemistry BCMS-4003) is to provide students with an understanding of the basic principles of biochemistry expected for Medical School Admission Tests. By the end of the course students should be familiar with basic biochemical concepts related to Protein Structure and Function; Enzyme Function and Regulation; Transmission of genetic information; Membrane Structure and Composition; Bioenergetics and Fuel Metabolism; Cell Signaling. Throughout the course, biochemical concepts will be emphasized. As the course proceeds, students should develop an understanding of key biochemical concepts and be able to identify and correctly interpret these concepts from passages on health-related biochemical topics. Note: To register for this course, students must satisfy the prerequisites or obtain permission from the program director.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Postbaccalaureate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites: Minimum grade of C in CHEM 2251 and CHEM 2253.