

BIOCHEMISTRY, MINOR

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Program Overview

The field of biochemistry encompasses an extremely broad and ever-growing variety of topics focused on studying **biomedically-relevant problems from a molecular point of view**. Biochemists make fundamental discoveries that provide a platform for understanding life, from the study of individual proteins and nucleic acids to control of gene expression in entire tissues. This research contributes directly to the development of therapies for health issues such as metabolic disorders, cancer, and infectious diseases.

The Biochemistry Department in the School of Medicine offers a minor that includes an introduction to fundamental topics in the field as well as elective courses in biomedical topics such as cancer biology, infectious diseases, metabolism, and drug discovery. These biochemical studies help prepare students for a variety of careers in which biomedical knowledge is crucial, such as: finance, consulting, media, biotechnology, pharmaceutical, health care, intellectual property, and education.

Undergraduate Policies

For undergraduate policies and procedures, please review the Undergraduate Academics section of the General Bulletin.

Program Requirements

Code	Title	Hours
Required Courses:		
BIOC 101	Frontiers in Biochemistry	1
BIOC 307	Introduction to Biochemistry: From Molecules To Medical Science	4
BIOC 308	Molecular Biology	4
<i>Choose two of the following:</i>		6
BIOC 312	Proteins and Enzymes	
BIOC 334	Structural and Computational Biology	
BIOC 350	Molecular Basis of Cancer	
Total Hours		15