

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 enhance understanding of human health and disease, and contribute to the development of therapeutics.

The Department of Biochemistry in the School of Medicine offers a minor that includes an introduction to fundamental biochemical pathways and covers topics in metabolism, cancer biology, and the relationship between molecular structure and function. 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	Credit 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 Credit Hours		15