

# BIOCHEMISTRY - MINOR

## College of Sciences and Humanities

Department of Chemistry and Biochemistry

www.kent.edu/chemistry

## About This Program

The Biochemistry minor provides a solid background in biochemistry, which can be individually tailored to complement major studies in other sciences, education and business.

## Contact Information

- TBD
- Speak with an Advisor

## Program Delivery

- **Delivery:**
  - In person
- **Location:**
  - Kent Campus

## Admission Requirements

Admission to a minor is open to students declared in a bachelor's degree, the A.A.B. or A.A.S. degree or the A.T.S. degree (not Individualized Program major). Students declared only in the A.A. or A.S. degree or the A.T.S. degree in Individualized Program may not declare a minor. Students may not pursue a minor and a major in the same discipline.

## Program Requirements

### Minor Requirements

Code	Title	Credit Hours
<b>Minor Requirements</b>		
CHEM 10058	GENERAL CHEMISTRY FOR LIFE SCIENCES I (KBS)	4
or CHEM 10060	GENERAL CHEMISTRY I (KBS)	
or CHEM 10970	HONORS GENERAL CHEMISTRY I (KBS)	
CHEM 10059	GENERAL CHEMISTRY FOR LIFE SCIENCES II	4
or CHEM 10061	GENERAL CHEMISTRY II (KBS)	
or CHEM 10971	HONORS GENERAL CHEMISTRY II (KBS)	
CHEM 10062	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	1
CHEM 10063	GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)	1
CHEM 20481	BASIC ORGANIC CHEMISTRY I	4-8
or CHEM 30481 & CHEM 30482	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY II	
CHEM 40109	BIOANALYTICAL CHEMISTRY	3
or CHEM 40263	PHYSICAL BIOCHEMISTRY	
or CHEM 40365	BIOLOGICAL INORGANIC CHEMISTRY	
CHEM 40261	BIOCHEMISTRY: BIOMOLECULE STRUCTURE AND FUNCTION	3

CHEM 40262	BIOCHEMISTRY: METABOLISM AND GENE EXPRESSION	3
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Minimum Total Credit Hours: 23

## Graduation Requirements

Minimum Minor GPA	Minimum Overall GPA
2.000	2.000

- Minimum 6 credit hours in the minor must be upper-division coursework (30000 and 40000 level).
- Minimum 6 credit hours in the minor must be outside of the course requirements for any major or other minor the student is pursuing.
- Minimum 50 percent of the total credit hours for the minor must be taken at Kent State (in residence).

## Program Learning Outcomes

Graduates of this program will be able to:

1. Comprehend the chemistry that underlies the field of biological chemistry.
2. Demonstrate skills with basic scientific report writing.