

CHEMISTRY - MINOR

College of Arts and Sciences

Department of Chemistry and Biochemistry
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Kent Campus
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Description

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

Fully Offered At:

- 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.

Minor Requirements

Code	Title	Credit Hours
Minor Requirements		
CHEM 10060 or CHEM 10970	GENERAL CHEMISTRY I (KBS) HONORS GENERAL CHEMISTRY I (KBS)	4
CHEM 10061 or CHEM 10971	GENERAL CHEMISTRY II (KBS) HONORS GENERAL CHEMISTRY II (KBS)	4
CHEM 10062	GENERAL CHEMISTRY I LABORATORY (KBS) (KLAB)	1
CHEM 10063	GENERAL CHEMISTRY II LABORATORY (KBS) (KLAB)	1
CHEM 30301	INORGANIC CHEMISTRY I	2
CHEM 30481 & CHEM 30482 or CHEM 20481	ORGANIC CHEMISTRY I and ORGANIC CHEMISTRY II BASIC ORGANIC CHEMISTRY I	4-6
Minor Electives, choose from the following:		7-9
CHEM 20482	BASIC ORGANIC CHEMISTRY II	
CHEM 30105	ANALYTICAL CHEMISTRY I	
CHEM 30106	ANALYTICAL CHEMISTRY II	
CHEM 30107	ANALYTICAL CHEMISTRY LABORATORY I (WIC)	
CHEM 30108	ANALYTICAL CHEMISTRY LABORATORY II (WIC)	
CHEM 30284 or CHEM 40245 or CHEM 40261	INTRODUCTORY BIOLOGICAL CHEMISTRY ³ BIOCHEMICAL FOUNDATIONS OF MEDICINE PRINCIPLES OF BIOCHEMISTRY I	
CHEM 30475	ORGANIC CHEMISTRY LABORATORY I (ELR)	
CHEM 30476	ORGANIC CHEMISTRY LABORATORY II	
CHEM 40109	BIOANALYTICAL CHEMISTRY	
CHEM 40116	SPECTROCHEMICAL METHODS OF ANALYSIS	
CHEM 40248 or CHEM 40262	ADVANCED BIOLOGICAL CHEMISTRY PRINCIPLES OF BIOCHEMISTRY II	

CHEM 40251	ADVANCED BIOLOGICAL CHEMISTRY LABORATORY (WIC)
CHEM 40263	PHYSICAL BIOCHEMISTRY
CHEM 40302	INORGANIC CHEMISTRY II
CHEM 40352	INORGANIC MATERIALS CHEMISTRY
CHEM 40365	BIOLOGICAL INORGANIC CHEMISTRY
CHEM 40451	ORGANIC MATERIALS CHEMISTRY
CHEM 40476	SPECTROSCOPIC IDENTIFICATION OF ORGANIC COMPOUNDS
CHEM 40483	INTERMEDIATE ORGANIC CHEMISTRY
CHEM 40555	PHYSICAL CHEMISTRY I ¹
CHEM 40556	PHYSICAL CHEMISTRY II ¹
CHEM 40559	NANOMATERIALS
CHEM 40567	PHYSICAL CHEMISTRY FOR LIFE SCIENCES ¹
CHEM 40568	ELEMENTARY PHYSICAL CHEMISTRY LABORATORY
CHEM 40571	SURFACE CHEMISTRY

Minimum Total Credit Hours: 25

¹ Students who complete CHEM 40555 or CHEM 40556 may not take CHEM 40567.

Graduation Requirements

Minimum Minor GPA

2.000

- Students must complete at least two upper-division (30000 or 40000 level) courses in the minor at Kent State on a graded basis (A-F).
- 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).