

# Chemistry Minor

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## Overview

Offered by the Department of Chemistry, the **Minor in Chemistry** is designed for students who are interested in acquiring basic knowledge in chemistry but not wishing to major in the subject. Biochemistry majors may not declare this minor.

**Campus Location:** Main

## Undergraduate Contact Information

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## Minor Requirements

All courses listed below have prerequisites. For more information, please check the course descriptions or ask an advisor.

At least 12 credits required for the minor must be completed at Temple. At least 12 Chemistry credits must be completed at Temple.

Code	Title	Credit Hours
CHEM 1031 or CHEM 1951	General Chemistry I Honors General Chemical Science I	3
CHEM 1032 or CHEM 1952	General Chemistry II Honors General Chemical Science II	3
CHEM 1033 or CHEM 1953	General Chemistry Laboratory I Honors Chemical Science Laboratory I	1
CHEM 1034 or CHEM 1954	General Chemistry Laboratory II Honors Chemical Science Laboratory II	1
CHEM 2201 or CHEM 2921	Organic Chemistry I Organic Chemistry for Honors I	3
CHEM 2202 or CHEM 2922	Organic Chemistry II Organic Chemistry for Honors II	3
CHEM 2203 or CHEM 2923	Organic Chemistry Laboratory I Organic Honors Laboratory I	1
CHEM 2204 or CHEM 2924	Organic Chemistry Laboratory II Organic Honors Laboratory II	1
At least 7 credit hours from the following list:		7
CHEM 3001	Inorganic Chemistry	
CHEM 3103 & CHEM 3105	Techniques of Chemical Measurement I and Introduction to Chemical Research Techniques	
CHEM 3301	Physical Chemistry Lecture I	
CHEM 3302	Physical Chemistry Lecture II	
CHEM 3303	Physical Chemistry Laboratory I	
CHEM 3398	Physical Chemistry Laboratory II	
CHEM 3401	Applications of Biochemistry	
CHEM 3405	Physical Chemistry of Biomolecules	
CHEM 3881	Cooperative Research <sup>1</sup>	
CHEM 3891	Undergraduate Research <sup>1</sup>	
CHEM 4002	Advanced Inorganic Chemistry	
CHEM 4003	Inorganic Synthesis	
CHEM 4004	Crystallography and Diffraction	
CHEM 4103	Instrumental Design	
CHEM 4107	Drug Analysis	
CHEM 4108	Investigative Chemistry	
CHEM 4196	Techniques of Chemical Measurement II	
CHEM 4201	Organic Structure and Mechanisms	
CHEM 4202	Organic Synthesis Methodology	
CHEM 4207	Synthesis and Identification of Organic and Medicinal Compounds	
CHEM 4401	Biochemistry I	
CHEM 4496	Research Techniques in Biochemistry	
CHEM 4503	Introduction to Polymer Chemistry	

**Total Credit Hours****23**

1

One semester of research within the Chemistry department is approved to satisfy three elective credits toward the minor.