

# Chemistry, Minor

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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.

## 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.

CHEM 1031	General Chemistry I	3
or CHEM 1951	Honors General Chemical Science I	
CHEM 1032	General Chemistry II	3
or CHEM 1952	Honors General Chemical Science II	
CHEM 1033	General Chemistry Laboratory I	1
or CHEM 1953	Honors Chemical Science Laboratory I	
CHEM 1034	General Chemistry Laboratory II	1
or CHEM 1954	Honors Chemical Science Laboratory II	
CHEM 2201	Organic Chemistry I	3
or CHEM 2921	Organic Chemistry for Honors I	
CHEM 2202	Organic Chemistry II	3
or CHEM 2922	Organic Chemistry for Honors II	
CHEM 2203	Organic Chemistry Laboratory I	1
or CHEM 2923	Organic Honors Laboratory I	
CHEM 2204	Organic Chemistry Laboratory II	1
or CHEM 2924	Organic Honors Laboratory II	
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 3397	Physical Chemistry Laboratory I	
CHEM 3398	Physical Chemistry Laboratory II	

CHEM 3405	Physical Chemistry of Biomolecules
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	Advanced Organic Preparations
CHEM 4401	Biochemistry I
CHEM 4503	Introduction to Polymer Chemistry

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Total Credit Hours

23