

# CHEMISTRY, MINOR

## REQUIREMENTS

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#### PREREQUISITE COURSEWORK

Students must complete prerequisite coursework (p. ) before enrolling in some of the required courses for minor.

#### MINOR REQUIREMENTS

A minimum cumulative grade point average of 2.75 is required, based on all chemistry minor coursework taken on the UW–Madison campus.

Complete at least 22 credits, including the following:

Code	Title	Credits
<b>Introductory Chemistry</b>		
Select one of the following:		5-9
CHEM 103 & CHEM 104	General Chemistry I and General Chemistry II	
CHEM 109	Advanced General Chemistry	
CHEM 115	Chemical Principles I	
<b>Analytical Chemistry</b>		
Select one of the following:		4-5
CHEM 327	Fundamentals of Analytical Science	
CHEM 329	Fundamentals of Analytical Science	
CHEM 116 & CHEM 115	Chemical Principles II and Chemical Principles I	
<b>Organic Chemistry</b>		
Select one of the following options:		7-8
Option 1:		
CHEM 341	Elementary Organic Chemistry	
CHEM 342	Elementary Organic Chemistry Laboratory	
BIOCHEM 501	Introduction to Biochemistry	
Option 2:		
CHEM 343	Organic Chemistry I	
CHEM 344	Introductory Organic Chemistry Laboratory	
CHEM 345	Organic Chemistry II	
<b>Inorganic Chemistry</b>		<b>4</b>
CHEM 311	Chemistry Across the Periodic Table	
<b>Physical Chemistry</b>		<b>3</b>
CHEM 561 or CHEM 665	Physical Chemistry Biophysical Chemistry	
<b>Electives</b>		
Complete Chemistry electives to total 22 credits <sup>1</sup>		

Materials, CBE 540 Polymer Science and Technology, are also recommended elective options.

<sup>1</sup> CHEM 346 Intermediate Organic Chemistry Laboratory is recommended. BIOCHEM 501 Introduction to Biochemistry, CIV ENGR 500 Water Chemistry, CBE 440 Chemical Engineering