

# CHEMISTRY MINOR

The Chemistry minor provides a solid foundation in general, organic, and analytical chemistry, while enhancing critical thinking and analytical skills.

## About this Program

- **College:** Liberal Arts and Sciences (<http://catalog.ufl.edu/UGRD/colleges-schools/UGLAS/>)
- **Credits:** 20-26 | Completed with minimum grades of C

## Department Information

The Department of Chemistry is a comprehensive department granting bachelor's, master's, and PhD degrees with specialization in all areas including biochemistry, nanochemistry, analytical, inorganic, organic, physical, polymer, synthetic, and theoretical chemistry. The University of Florida ranks in the top five chemistry departments nationally in PhD production and is among the top 20 in bachelor's graduates.

**Website** (<https://www.chem.ufl.edu/>)

## CONTACT

Email ([advising@chem.ufl.edu](mailto:advising@chem.ufl.edu)) | 352.392.0541 (tel) | 352.392.8758 (fax)

P.O. Box 117200  
214 LEIGH HALL  
GAINESVILLE FL 32611-7200  
Map (<http://campusmap.ufl.edu/#/index/0009>)

## Curriculum

- Chemistry Minor
- Chemistry | Biochemistry

At least nine chemistry credits applied toward the minor must be completed at UF. Students must complete a minimum of six credits of coursework exclusive to the minor that cannot count toward other majors or minors.

Students pursuing majors in biology-biotechnology, botany or chemical engineering are not eligible to receive this minor.

## Required Courses

Code	Title	Credits
<b>General Chemistry Sequence</b>		
Select one option: <sup>1</sup>		5-8
Option A		
CHM 2045 & 2045L	General Chemistry 1 and General Chemistry 1 Laboratory	
CHM 2046 & 2046L	General Chemistry 2 and General Chemistry 2 Laboratory	
Option B		
CHM 2045 & 2045L	General Chemistry 1 and General Chemistry 1 Laboratory	
CHM 2051	Honors General Chemistry 2	
CHM 2046L	General Chemistry 2 Laboratory	
Option C		
CHM 2095	Chemistry for Engineers 1	
CHM 2045L	General Chemistry 1 Laboratory	
CHM 2096	Chemistry for Engineers 2	
CHM 2046L	General Chemistry 2 Laboratory	
Option D		
CHM 2047 & 2047L	One-Semester General Chemistry and One-Semester General Chemistry Laboratory	
<b>Analytical Chemistry Sequence</b>		
CHM 3120 & 3120L	Introduction to Analytical Chemistry and Analytical Chemistry Laboratory	4
<b>Organic Chemistry Sequence</b>		
Select one option:		8-10
Option A		
CHM 2210	Organic Chemistry 1	

CHM 2211 & 2211L	Organic Chemistry 2 and Organic Chemistry Laboratory
Option B	
CHM 3217	Organic Chemistry/Biochemistry 1
CHM 3218	Organic Chemistry/Biochemistry 2
CHM 2211L	Organic Chemistry Laboratory
<b>Additional Upper Level Course</b>	
Select one:	
CHM 3218	Organic Chemistry/Biochemistry 2 <sup>2</sup>
CHM 3400	Physical Chemistry for the Biosciences
CHM 3610	Inorganic Chemistry
CHM 4000-level course <sup>3</sup>	

<b>Total Credits</b>	<b>20-26</b>
----------------------	--------------

- <sup>1</sup> CHM 2054L may be substituted for CHM 2045L/CHM 2046L or CHM 2047L.
- <sup>2</sup> If organic chemistry sequence is met with CHM 2210/CHM 2211/CHM 2211L.
- <sup>3</sup> Except CHM 4905, CHM 4910, or CHM 4940.
-