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 Ph.D. 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 Ph.D. production (http://pubs.acs.org/cen/acs/8747news1.pdf) and is among the top 20 in bachelor's graduates. Website (https://www.chem.ufl.edu/)

CONTACT

Email (chairadmin@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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>General Chemistry Sequence</strong></td>
<td>Select one:</td>
<td>5-8</td>
</tr>
<tr>
<td>Option A</td>
<td>CHM 2045 General Chemistry 1 &amp; 2045L and General Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHM 2046 General Chemistry 2 &amp; 2046L and General Chemistry 2 Laboratory</td>
<td></td>
</tr>
<tr>
<td>Option B</td>
<td>CHM 2045 General Chemistry 1 &amp; 2045L and General Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHM 2051 Honors General Chemistry 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHM 2046L General Chemistry 2 Laboratory</td>
<td></td>
</tr>
<tr>
<td>Option C</td>
<td>CHM 2095 Chemistry for Engineers 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHM 2045L General Chemistry 1 Laboratory</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHM 2096 Chemistry for Engineers 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CHM 2046L General Chemistry 2 Laboratory</td>
<td></td>
</tr>
</tbody>
</table>

Analytical Chemistry Sequence

CHM 3120 Introduction to Analytical Chemistry & 3120L and Analytical Chemistry Laboratory 4

Organic Chemistry Sequence

Select one option: 8-10

Option A

CHM 2210 Organic Chemistry 1
CHM 2211 Organic Chemistry 2 & 2211L and Organic Chemistry Laboratory

Option B

CHM 3217 Organic Chemistry/Biochemistry 1
CHM 3218 Organic Chemistry/Biochemistry 2
CHM 2211L Organic Chemistry Laboratory 3-4

Select one:

CHM 3218 Organic Chemistry/Biochemistry 2 2
CHM 3400 Physical Chemistry for the Biosciences
CHM 3610 Inorganic Chemistry

Additional Upper Level Course 3-4

CHM 3218 Organic Chemistry/Biochemistry 2
CHM 3400 Physical Chemistry for the Biosciences
CHM 3610 Inorganic Chemistry
CHM 4000-level course 3

Total Credits 23-30

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