

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

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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 |
|--------------------------------------|--|---------|
| General Chemistry Sequence | | |
| Select one option: ¹ | | 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 | |
| Analytical Chemistry Sequence | | |
| CHM 3120 & 3120L | Introduction to Analytical Chemistry and Analytical Chemistry Laboratory | 4 |
| Organic Chemistry Sequence | | |
| Select one option: | | 8-10 |
| Option A | | |
| CHM 2210 | Organic Chemistry 1 | |

2 Chemistry Minor

| | | |
|--------------------------------------|---|------------|
| 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 | |
| Additional Upper Level Course | | 3-4 |
| Select one: | | |
| CHM 3218 | Organic Chemistry/Biochemistry 2 ² | |
| CHM 3400 | Physical Chemistry for the Biosciences | |
| CHM 3610 | Inorganic Chemistry | |
| CHM 4000-level course ³ | | |

Total Credits

20-26

- 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.
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