CHEMISTRY (CHEM), MINOR

Requirements for Students Matriculating in or before Academic Year 2021-2022. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Sheri Orr, 404 NRC, 405-744-3729

Minimum Grade Point Average in Minor Coursework: 2.00
Total Hours: 18

Select 18 hours of chemistry courses at the 2000-level or above in at least three fields.

Courses can be selected from the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>CHEM 2113</td>
<td>Principles of Analytical Chemistry</td>
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<tr>
<td>CHEM 2122</td>
<td>Quantitative Analysis Laboratory</td>
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<tr>
<td>CHEM 4023</td>
<td>Modern Methods of Chemical Analysis</td>
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<tr>
<td>CHEM 4022</td>
<td>Modern Methods of Chemical Analysis Laboratory</td>
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Analytical Chemistry

Organic Chemistry

CHEM 3012 | Survey of Organic Chemistry Laboratory            |
CHEM 3013 | Survey of Organic Chemistry                        |
CHEM 3053 | Organic Chemistry I                                |
CHEM 3112 | Organic Chemistry Laboratory                       |
CHEM 3153 | Organic Chemistry II                               |
CHEM 4123 | Biomolecular Chemistry and Function                |
CHEM 4313 | Medicinal Organic Chemistry                        |
CHEM 4322 | Advanced Organic Chemistry Laboratory              |

Inorganic Chemistry

CHEM 3353 | Descriptive Inorganic Chemistry                    |
CHEM 4333 | Inorganic Chemistry I                              |

Physical Chemistry

CHEM 3413 | Physical Chemistry Applications                    |
CHEM 3433 | Physical Chemistry I                               |
CHEM 3532 | Physical Chemistry Laboratory                      |
CHEM 3553 | Physical Chemistry II                              |
CHEM 4123 | Biomolecular Chemistry and Function                |

Biochemistry

Select up to 6 hours

BIOC 3223 | Physical Chemistry for Biologists                  |
BIOC 3653 | Survey of Biochemistry                             |
BIOC 3713 | Biochemistry I                                     |
BIOC 3813 | Biochemistry II                                    |
CHEM 4123 | Biomolecular Chemistry and Function                |

Special Topics

Select up to 4 hours

CHEM 2890 | Honors Experience in Chemistry                     |
CHEM 2980 | Current Topics for Chemical Professionals          |
CHEM 3890 | Advanced Honors Experience in Chemistry            |

Additional OSU Requirements

Undergraduate Minors

- An undergraduate minor must include between fifteen and thirty hours, inclusive of undergraduate coursework.
- A minimum of six credit hours for the minor must be earned in residence at OSU.
- The courses required for a minor may be included in the course requirements for any undergraduate degree or they may be in addition to degree requirements, depending on the overlap between the minor and degree requirements. However, an undergraduate minor must be earned in an academic field other than the student’s declared degree option. The minor may not duplicate the degree major or option (for example, a student who earns a BA in Art with an Art History option may earn a minor in Studio Art but not Art History).
- A student generally follows the minor requirements associated with his or her matriculation year or newer requirements that have been established since matriculation. The time limit for following requirements from a given academic year is six years.

For additional information on requirements on minors, click here (https://adminfinance.okstate.edu/site-files/documents/policies/requirements-for-undergraduate-and-graduate-minors.pdf).