

CHEMISTRY (CHEM), MINOR

Requirements for Students Matriculating in or before Academic Year 2023-2024. Learn more about University Academic Regulation 3.1 (<http://catalog.okstate.edu/university-academic-regulations/#matriculation>).

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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:

Code	Title	Hours
Analytical Chemistry		
CHEM 2113	Principles of Analytical Chemistry	
CHEM 2122	Quantitative Analysis Laboratory	
CHEM 4023	Modern Methods of Chemical Analysis	
CHEM 4022	Modern Methods of Chemical Analysis Laboratory	
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 4313	Medicinal Organic Chemistry	
CHEM 4322	Advanced Organic Chemistry Laboratory	
Inorganic Chemistry		
CHEM 3353	Descriptive Inorganic Chemistry	
CHEM 3363	Bioinorganic Chemistry	
CHEM 4333	Inorganic Chemistry I	
Physical Chemistry		
BIOC 3223	Physical Chemistry for Biologists	
CHEM 3413	Physical Chemistry Applications	
CHEM 3433	Physical Chemistry I	
CHEM 3532	Physical Chemistry Laboratory	
CHEM 3553	Physical Chemistry II	
CHEM 4433	Computational Chemistry and Molecular Modeling	
Biochemistry		
Select up to 6 hours		
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	

CHEM 4990	Special Problems in Chemistry
Total Hours	18

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>).