## **CHEMISTRY (CHEM), MINOR**

Requirements for Students Matriculating in or before Academic Year 2024-2025. 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:

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 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 CHEM 4333 Inorganic Chemistry I Physical Chemistry BIOC 3223 Physical Chemistry for Biologists CHEM 3413 Physical Chemistry I CHEM 3532 Physical Chemistry I CHEM 3553 Physical Chemistry II CHEM 4433 Computational Chemistry and Molecular Modeling  Biochemistry Select up to 6 hours BIOC 3653 Survey of Biochemistry I BIOC 3713 Biochemistry II			
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 CHEM 3433 Inorganic Chemistry I Physical Chemistry BIOC 3223 Physical Chemistry for Biologists CHEM 3413 Physical Chemistry I CHEM 3532 Physical Chemistry I CHEM 3532 Physical Chemistry Laboratory CHEM 3533 Physical Chemistry I CHEM 3534 Chemistry I CHEM 4433 Computational Chemistry and Molecular Modeling  Biochemistry Select up to 6 hours BIOC 3653 Survey of Biochemistry BIOC 3713 Biochemistry II BIOC 3813 Biochemistry II	Code	litle	Hours
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BIOC 3713 Biochemistry I BIOC 3813 Biochemistry II	Select up to 6 hours		
BIOC 3813 Biochemistry II	BIOC 3653	Survey of Biochemistry	
,	BIOC 3713	Biochemistry I	
CHEM 4123 Biomolecular Chemistry and Function	BIOC 3813	Biochemistry II	
	CHEM 4123	Biomolecular Chemistry and Function	
Special Topics	Special Topics		
Select up to 4 hours	Select up to 4 hours		
CHEM 2890 Honors Experience in Chemistry	CHEM 2890	Honors Experience in Chemistry	
CHEM 2980 Current Topics for Chemical Professionals	CHEM 2980	Current Topics for Chemical Professionals	
CHEM 3890 Advanced Honors Experience in Chemistry	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).