

# Chemistry Minor

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A minor in chemistry is available. Students interested in minoring in chemistry should contact the department chair of chemistry ~~and physics~~. A grade of 'C' or better is required in each course to be applied toward the minor.

## Program Requirements

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### Prerequisites

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- [CHEM 111 - General Chemistry I \(3 credits\) AND](#)
- [CHEM 111L - General Chemistry Laboratory I \(1 credit\)](#)
  
- [CHEM 112 - General Chemistry II \(3 credits\) AND](#)
- [CHEM 112L - General Chemistry Laboratory II \(1 credit\)](#)
  
- ~~[CHEM 331 - General Organic Chemistry I \(3 credits\) AND](#)~~
- ~~[CHEM 331L - General Organic Chemistry Laboratory I \(1 credit\)](#)~~
  
- ~~[CHEM 332 - General Organic Chemistry II \(3 credits\) AND](#)~~
- ~~[CHEM 332L - General Organic Chemistry Laboratory II \(1 credit\)](#)~~

## Choose a 2 semester Chemistry sequence from the following: (8 Credits)

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### Analytical Sequence

- [CHEM 321 - Quantitative Analysis \(3 credits\) AND](#)
- [CHEM 321L - Quantitative Analysis Laboratory \(1 credit\)](#)
- [CHEM 422 - Instrumental Analysis \(3 credits\) AND](#)
- [CHEM 422L - Instrumental Analysis Laboratory \(1 credit\)](#)

### Biochemistry Sequence\*

- [CHEM 351 - Biochemistry I \(3 credits\) AND](#)
- [CHEM 351L - Biochemistry Laboratory I \(1 credit\)](#)
- [CHEM 352 - Biochemistry II \(3 credits\) AND](#)
- [CHEM 352L - Biochemistry Laboratory II \(1 credit\)](#)

### **Inorganic Sequence\***

- [CHEM 311 - Inorganic Chemistry \(3 credits\) AND](#)
- [CHEM 311L - Inorganic Chemistry Laboratory \(1 credit\)](#)
- [CHEM 372 - Organometallics \(2 credits\) AND](#)
- [CHEM 372 - Organometallics Laboratory \(2 credits\)](#)

### **Organic Sequence**

- [CHEM 331 - General Organic Chemistry I \(3 credits\) AND](#)
- [CHEM 331L - General Organic Chemistry Laboratory I \(1 credit\)](#)
- [CHEM 332 - General Organic Chemistry II \(3 credits\) AND](#)
- [CHEM 332L - General Organic Chemistry Laboratory II \(1 credit\)](#)

### **Physical Sequence\***

- [CHEM 441 - Physical Chemistry I \(3 credits\) AND](#)
- [CHEM 441L - Physical Chemistry Laboratory I \(1 credit\)](#)
- [CHEM 442 - Physical Chemistry II \(3 credits\) AND](#)
- [CHEM 442L - Physical Chemistry Laboratory II \(1 credit\)](#)

\*Please check additional prerequisites for the course sequence

## **Choose seven or more credits at the 300 level or above from chemistry: (7-8 Credits)**

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[CHEM 301 - Workshop Leader Training \(1 credit\)](#), [CHEM 399 - Independent Study \(1 to 6 credits\)](#), and [CHEM 499 Q - Directed Undergraduate Research \(1 to 6 credits\)](#) are not acceptable.

[MSCI 305 - Marine Chemistry \(3 credits\)/MSCI 305L - Marine Chemistry Laboratory \(1 credit\)](#)

or

[MSCI 401 - Environmental Chemistry \(3 credits\)/MSCI 401L - Environmental Chemistry Laboratory \(1 credit\)](#) is acceptable for this requirement but not both.

## **Total Credits Required: 23-24 Credits**