

## Chemistry Minor

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### Minor Requirements:

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Students must have a minimum grade of C- in each course counted toward the minor.

#### One of the following sequences:

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##### Sequence One:

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- [CHEM 103 - General Chemistry](#) Credit(s): 3
- [CHEM 133 - General Chemistry Laboratory](#) Credit(s): 1
- [CHEM 104 - General Chemistry](#) Credit(s): 3
- [CHEM 134 - General Chemistry Laboratory](#) Credit(s): 1

##### Sequence Two:

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- [CHEM 111 - General Chemistry](#) Credit(s): 3
- [CHEM 112 - General Chemistry](#) Credit(s): 3
- [CHEM 115 - Introduction to Chemical Sciences](#) Credit(s): 2

Since CHEGs generally don't take CHEM115, they substitute CHEM220/221 for CHEM115

#### Three of the following:

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- [CHEM 220 - Quantitative Analysis](#) Credit(s): 3
  - [CHEM 221 - Quantitative Analysis Laboratory](#) Credit(s): 1
- or
- [CHEM 437 - Instrumental Methods](#) Credit(s): 3
  - [CHEM 438 - Instrumental Methods Laboratory](#) Credit(s): 1

So if they use CHEM220/221 for above, you cannot count this as one of the "Three of the following"

UL Tech Electives

- [CHEM 321 - Organic Chemistry I](#) Credit(s): 3
  - [CHEM 325 - Organic Chemistry Laboratory I](#) Credit(s): 1
- or
- [CHEM 331 - Organic Chemistry](#) Credit(s): 3

We generally take this.

- [CHEM 333 - Organic Chemistry Majors Laboratory I](#) **Credit(s):** 1-2

Must take 1-2 cr of orgo lab though the Dept of Chemistry is requiring 2 which is different than catalog

- [CHEM 457 - Inorganic Chemistry II](#) **Credit(s):** 3
- [CHEM 458 - Inorganic Chemistry Laboratory](#) **Credit(s):** 1

- [CHEM 418 - Introductory Physical Chemistry I](#) **Credit(s):** 3
- [CHEM 445 - Physical Chemistry Laboratory I](#) **Credit(s):** 1

or

- [CHEM 443 - Physical Chemistry I](#) **Credit(s):** 3      They substitute CHEG231 for CHEM443
- [CHEM 445 - Physical Chemistry Laboratory I](#)      Must take Pchem lab

- CHEM 527 - Introductory Biochemistry      Must take CHEM527

or

- CHEM 641 - Biochemistry      requires 2 sem of orgo (CHEM331 and 332)

## Credits to Total a Minimum of 19

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