# CHEMISTRY, BACHELOR OF ARTS

Offered by Department of Chemistry (http://catalog.unk.edu/undergraduate/departments-programs/chemistry)

<table>
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<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
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## General Studies

### Foundational Core (Written, Math, Oral, Democracy)

Included:

- MATH 115 Calculus I with Analytic Geometry

### Portal

Select one course numbered 188

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### Distribution

- ENG 101 Introduction of Academic Writing

If ENG 101 is not taken as a prerequisite for ENG 102 then additional hours may be required to meet the 27 credit hour minimum in the Distribution Area of General Studies.

- Aesthetics

- Humanities

- Social Sciences

- Natural Sciences

Including:

- CHEM 160 General Chemistry
- CHEM 160L General Chemistry Laboratory
- PHYS 275 General Physics I (Calculus) and General Physics I (Calculus) Laboratory
- or PHYS 205 General Physics I & 205L and Physics I Laboratory

### Analytical and Quantitative Thought

Chemistry Core Requirements

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- CHEM 161 General Chemistry
- CHEM 161L General Chemistry Laboratory
- CHEM 269 Sophomore Seminar in Chemistry
- CHEM 301 Analytical Chemistry
- CHEM 301L Analytical Chemistry Laboratory
- CHEM 351 Biochemistry
- CHEM 351L Biochemistry Laboratory
- CHEM 490L Advanced Chemistry Laboratory I
- CHEM 480 Physical Chemistry
- or CHEM 482 Physical Chemistry for the Life Sciences

Select one of the following:

- CHEM 250 Elementary Organic Chemistry & 250L and Elementary Organic Chemistry Laboratory
- CHEM 360 Organic Chemistry & 360L and Organic Chemistry Laboratory

Chemistry Electives

Select 3 credit hours from CHEM 300 - CHEM 499L

### Chemistry Supporting Course Requirements

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- MATH 202 Calculus II with Analytic Geometry
- PHYS 276 General Physics II (Calculus) & 276L and General Physics II (Calculus) Laboratory
- or PHYS 206 General Physics II & 206L and Physics Laboratory II

Total Credit Hours

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1. Students without sufficient preparation will also need to take the following courses, increasing the total credit hours needed:
   - MATH 102
   - MATH 103

2. For specific language requirements see #2 of Bachelor of Arts Degree requirements (http://catalog.unk.edu/undergraduate/academics/degrees/ba).

3. A minor or second major is required for a complete degree program. The number of required electives needed to reach 120 total credit hours overall will depend upon the specific program chosen.

4. Except CHEM 388

### Unrestricted electives

Needed to reach 120 credit hours

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- 7

Total Credit Hours

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<th>Credit Hours</th>
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- 120

### Major Option

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- Complete all required courses

### Minor or 2nd Major

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<th>Credit Hours</th>
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For specific language requirements see #2 of Bachelor of Arts Degree requirements (http://catalog.unk.edu/undergraduate/academics/degrees/ba).