CHEMISTRY, BACHELOR OF ARTS

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General Studies**

*Foundational Requirements (LOPERs 1-4)*

Including:

LOPER 4: Mathematics, Statistics, and Quantitative Reasoning

- MATH 115 Calculus I with Analytic Geometry 1

*Broad Knowledge Requirements (LOPERs 5-8)*

Including:

LOPER 8: Natural Science

- BIOL 106 Biology II

*Dispositional Requirements (LOPERs 9-10)*

- Wellness (LOPER 11) Optional

*BA Language requirement*

- Complete all required courses 3

**Program Specified Requirements**

- PHYS 275 General Physics I (Calculus) and General Physics I (Calculus) Laboratory

or

- PHYS 205 General Physics I and Physics I Laboratory

**Major Option**

- Complete all required courses 36

**Minor or 2nd Major**

- Complete all required courses 4

**Unrestricted electives**

- Needed to reach 120 credit hours 16

Total Credit Hours 120

**Major Option**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Chemistry Core Requirements**

- CHEM 160 General Chemistry 3
- CHEM 160L General Chemistry Laboratory 1
- CHEM 161 General Chemistry 3
- CHEM 161L General Chemistry Laboratory 1
- CHEM 169 Chemistry Foundations and Careers 1
- CHEM 301 Analytical Chemistry 3
- CHEM 301L Analytical Chemistry Lab 1
- CHEM 310 Safety in Chemistry 1
- CHEM 351 Biochemistry 3
- CHEM 351L Biochemistry Lab 1
- CHEM 490L Advanced Chemistry Laboratory I 2
- CHEM 430 Inorganic Chemistry 3

**CHEM 480** Physical Chemistry 3

or **CHEM 482** Survey of Physical Chemistry

**CHEM 499L** Research in Chemistry 1

Select one of the following:

- CHEM 250 and Elementary Organic Chemistry Lab

- CHEM 360 and Organic Chemistry Laboratory

**Chemistry Electives**

- Select 4 credit hours from CHEM 300 - CHEM 499L 4

Total Credit Hours 36

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

- MATH 102
- MATH 103

2 Designated courses with the appropriate content may be approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or Broad Knowledge plus LOPER 10. Courses may be approved to satisfy LOPER 9 or LOPER 10 alone. (Courses satisfying LOPER 9 or LOPER 10 alone must be 3 credit hours.) Students applying this option will need to take additional hours in other categories to meet the required GS hours.

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

4 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.