## CHEMISTRY, BACHELOR OF ARTS

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

### Code | Title | Credit Hours
--- | --- | ---

**General Studies**

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

Foundational Core courses ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses)) 14

- MATH 115 Calculus I with Analytic Geometry 1

**Portal**

Select one course numbered 188 ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course)) 3

**Distribution**

- Aesthetics ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics)) 3
- Humanities ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities)) 6
- Social Sciences ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences)) 6
- Natural Sciences ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences)) 9

Including:

- CHEM 160 General Chemistry
- CHEM 160L General Chemistry Laboratory
- PHYS 275 General Physics I (Calculus)
- PHYS 275L General Physics I (Calculus) Laboratory
- Analytical and Quantitative Thought ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/analytical-quantitative-thought)) 0
- Wellness ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness)) 0

Needed to reach 27 credit hour minimum in Distribution 3

**Capstone**

Select one course numbered 388 ([http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course](http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course)) 3

**BA Language requirement**

Complete all required courses 2 6

**Major Option**

Complete all required courses 36

**Minor or 2nd Major**

Complete all required courses 3 24

**Unrestricted electives**

Needed to reach 120 credit hours 7

**Total Credit Hours** 120

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### Major Option

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 161</td>
<td>General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 161L</td>
<td>General Chemistry Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 269</td>
<td>Sophomore Seminar in Chemistry</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 301</td>
<td>Analytical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 301L</td>
<td>Analytical Chemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 351</td>
<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 351L</td>
<td>Biochemistry Lab</td>
<td>1</td>
</tr>
<tr>
<td>CHEM 480</td>
<td>Physical Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 490L</td>
<td>Advanced Chemistry Laboratory I</td>
<td>2</td>
</tr>
</tbody>
</table>

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 4 3

### Chemistry Supporting Course Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 202</td>
<td>Calculus II with Analytic Geometry</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 276</td>
<td>General Physics II (Calculus)</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 276L</td>
<td>General Physics II (Calculus) Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

**Total Credit Hours** 36

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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](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