

# CHEMISTRY, BACHELOR OF ARTS

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

Code	Title	Credit Hours
<b>General Studies</b>		
<i>Foundational Core (Written, Math, Oral, Democracy)</i>		
Foundational Core courses ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses</a> )		14
Including:		
MATH 115	Calculus I with Analytic Geometry <sup>1</sup>	
<i>Portal</i>		
Select one course numbered 188 ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/portal-course</a> )		3
<i>Distribution</i>		
ENG 101	Introduction of Academic Writing	3
<i>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.</i>		
Aesthetics ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/aesthetics</a> )		3
Humanities ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/humanities</a> )		6
Social Sciences ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/social-sciences</a> )		6
Natural Sciences ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/natural-sciences</a> )		9
Including:		
CHEM 160	General Chemistry	
CHEM 160L	General Chemistry Laboratory	
PHYS 275 & 275L	General Physics I (Calculus) and General Physics I (Calculus) Laboratory	
or PHYS 205 & 205L	General Physics I and Physics I Laboratory	
Analytical and Quantitative Thought ( <a href="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</a> )		0
Wellness ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/wellness</a> )		0
<i>Capstone</i>		
Select one course numbered 388 ( <a href="http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course">http://catalog.unk.edu/undergraduate/general-studies/general-studies-courses/capstone-course</a> )		3
<b>BA Language requirement</b>		
Complete all required courses <sup>2</sup>		6
<b>Major Option</b>		
Complete all required courses		36
<b>Minor or 2nd Major</b>		
Complete all required courses <sup>3</sup>		24

## Unrestricted electives

Needed to reach 120 credit hours	7
Total Credit Hours	120

## Major Option

Code	Title	Credit Hours
<b>Chemistry Core Requirements</b>		
CHEM 161	General Chemistry	3
CHEM 161L	General Chemistry Laboratory	1
CHEM 269	Sophomore Seminar in Chemistry	1
CHEM 301	Analytical Chemistry	3
CHEM 301L	Analytical Chemistry Lab	1
CHEM 351	Biochemistry	3
CHEM 351L	Biochemistry Lab	1
CHEM 490L	Advanced Chemistry Laboratory I	2
CHEM 480	Physical Chemistry	3
or CHEM 482	Physical Chemistry for the Life Sciences	
Select one of the following:		5
CHEM 250 & 250L	Elementary Organic Chemistry and Elementary Organic Chemistry Lab	
or		
CHEM 360 & 360L	Organic Chemistry and Organic Chemistry Laboratory	
<b>Chemistry Electives</b>		
Select 3 credit hours from CHEM 300 - CHEM 499L <sup>4</sup>		3
<b>Chemistry Supporting Course Requirements</b>		
MATH 202	Calculus II with Analytic Geometry	5
PHYS 276 & 276L	General Physics II (Calculus) and General Physics II (Calculus) Laboratory	5
or PHYS 206 & 206L	General Physics II and Physics Laboratory II	
Total Credit Hours		36

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

- MATH 102
- MATH 103

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

<sup>3</sup> 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.

<sup>4</sup> Except CHEM 388