

CHEMISTRY, BACHELOR OF ARTS

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

Code	Title	Credit Hours
General Studies		
<i>Foundational Requirements (LOPERs 1-4)</i>		14
Including:		
LOPER 4: Mathematics, Statistics, and Quantitative Reasoning		
MATH 115	Calculus I with Analytic Geometry ¹	
<i>Broad Knowledge Requirements (LOPERs 5-8)</i>		13
Including:		
LOPER 8: Natural Science		
BIOL 106	Biology II	
<i>Dispositional Requirements (LOPERs 9-10) ²</i>		6
<i>Wellness (LOPER 11) Optional</i>		0
BA Language requirement		
Complete all required courses ³		6
Program Specified Requirements		5
PHYS 275 & 275L	General Physics I (Calculus) and General Physics I (Calculus) Laboratory	
or PHYS 205 & 205L	General Physics I and Physics I Laboratory	
Major Option		
Complete all required courses		37
Minor or 2nd Major		
Complete all required courses ⁴		24
Unrestricted electives		
Needed to reach 120 credit hours		15
Total Credit Hours		120

Major Option

Code	Title	Credit Hours
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 I	4
CHEM 351L	Biochemistry Lab	1
CHEM 490L	Advanced Chemistry Laboratory I	2
CHEM 430	Inorganic Chemistry	3

CHEM 480 or CHEM 482	Physical Chemistry Survey of Physical Chemistry	3
CHEM 499L	Research in Chemistry	1
Select one of the following:		5
CHEM 250 & 250L	Fundamentals of Organic Chemistry and Fundamentals of Organic Chemistry Lab	
or		
CHEM 360 & 360L	Organic Chemistry and Organic Chemistry Laboratory	
Chemistry Electives		
Select 4 credit hours from CHEM 300 - CHEM 499L		4
Total Credit Hours		37

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.