

# Chemistry Education

## Department Information

- **Department Web Site:**  
www.ndsu.edu/education/ (<http://www.ndsu.edu/education/>)
- **Credential Offered:**  
B.S.; B.A.
- **Official Program Curriculum:**  
[catalog.ndsu.edu/undergraduate/program-curriculum/chemistry-education/](http://catalog.ndsu.edu/undergraduate/program-curriculum/chemistry-education/) (<http://catalog.ndsu.edu/undergraduate/program-curriculum/chemistry-education/>)

## Sample Program Guide

IMPORTANT DISCLAIMER: A Sample Program Guide provides an unofficial guide of program requirements and should be used by prospective students who are considering attending NDSU in the future. It is NOT an official curriculum and should NOT be used by current NDSU students for official degree planning purposes. Note that the official curriculum used by current NDSU students can vary from the Sample Program Guide due to a variety of factors such as, but not limited to, start year, education goals, transfer credit, and course availability.

To ensure proper program completion, enrolled students should utilize Degree Map (<https://www.ndsu.edu/registrar/degreemap/>) and Schedule Planner (<https://www.ndsu.edu/onestop/degree-map-and-planning/>) in Campus Connection and consult regularly with their academic advisor to ensure requirements are being met.

First Year			
Fall	Credits	Spring	Credits
BIOL 150		3 COMM 110	3
BIOL 150L		1 ENGL 120	3
ENGL 110		3 CHEM Lecture & Lab Sequence A or B <sup>1</sup>	4
GEOL 105 & 105L		4 Humanities & Fine Arts & Global Perspectives Gen Ed	3
CHEM Lecture & Lab Sequence A or B <sup>1</sup>		4 Social & Behavioral Science Gen Ed	3
		<b>15</b>	<b>16</b>
Second Year			
Fall	Credits	Spring	Credits
CHEM 341 & 341L		4 CHEM 342 & 342L	4
EDUC 321		3 EDUC 322	3
MATH 165		4 MATH 166	4
PHYS 211 & 211L		4 PHYS 212 & 212L	4
Wellness Gen Ed		2 Apply to the School of Education	
Complete Core Academic Skills Exam or access your ACT+ scores			
		<b>17</b>	<b>15</b>
Third Year			
Fall	Credits	Spring	Credits
CHEM 465		4 BIOC 260	4
EDUC 451		3 CHEM 425	3
STAT 330		3 EDUC 475	2
Social & Behavioral Science & Cultural Diversity Gen Ed		3 EDUC 481	3

Humanities & Fine Arts Gen Ed		3 EDUC 486		3
		<b>16</b>		<b>15</b>
<b>Fourth Year</b>				
<b>Fall</b>	<b>Credits</b>		<b>Spring</b>	<b>Credits</b>
CHEM 431 & 431L		5 EDUC 485		1
EDUC 482		3 EDUC 487		9
EDUC 489		3 EDUC 488		3
ENGL 324		3		
Apply for Student Teaching				
Complete PLT (grades 7-12) Exam				
Complete Subject Area Assessment Exam				
		<b>14</b>		<b>13</b>
<b>Total Credits: 121</b>				

\*  
One of these General Education courses needs to be selected from Category D - Cultural Diversity.

1

Students need to pick one introductory chemistry sequence:  
CHEM 121 & 121L and CHEM 122 & 122L or CHEM 150 & 160 and CHEM 151 & 161