

# Chemistry Education

## Department Information

- **Department Location:**  
Katherine Kilbourne Burgum Family Life, 4-H Center
- **Department Phone:**  
701-231-7921
- **Department Web Site:**  
[www.ndsu.edu/education/](http://www.ndsu.edu/education/)
- **Degrees Offered:**  
B.S.; B.A.
- **Official Program Curriculum:**  
[bulletin.ndsu.edu/undergraduate/program-curriculum/chemistry-education/](http://bulletin.ndsu.edu/undergraduate/program-curriculum/chemistry-education/)

Add overview content here.

Please note this is a sample plan of study and not an official curriculum. Actual student schedules for each semester will vary depending on start year, education goals, applicable transfer credit, and course availability. Students are encouraged to work with their academic advisor on a regular basis to review degree progress and customize an individual plan of study.

First Year			
Fall	Credits	Spring	Credits
CHEM 121 or 150 (Must be matching lab with lecture)	3	CHEM 122 or 151 (Must be matching lab with lecture)	3
CHEM 121L or 160 (Must be matching lab with lecture)	1	CHEM 122L or 161 (Must be matching lab with lecture)	1
COMM 110	3	EDUC 321	3
ENGL 110	4	ENGL 120	3
GEOL 105	3	GEOL 106	3
GEOL 105L	1	GEOL 106L	1
MATH 165	4	MATH 166	4
		Complete Praxis Core Academic Skills Exam	
	19		18
Second Year			
Fall	Credits	Spring	Credits
BIOL 150	3	CHEM 342	3
BIOL 150L	1	CHEM 342L	1
CHEM 341	3	CSCI 114 or MIS 116	3
CHEM 341L	1	PHYS 252	4
EDUC 322	3	PHYS 252L	1
PHYS 251	4	STAT 330	3
PHYS 251L	1	Humanities & Fine Arts Gen Ed	3
Wellness Gen Ed	2		
Apply to the School of Education			
	18		18
Third Year			
Fall	Credits	Spring	Credits
BIOL 124	3	EDUC 481	3
BIOL 124L	1	EDUC 486	3

CHEM 364	3	CHEM 365	3
EDUC 451	3	MATH 266	3
EDUC 489	3	MATH 128 (Co-Requisite of MATH 266)	1
MATH 265 or 259	3-4	CHEM 491	2
Social & Behavioral Science Gen Ed	3	Humanities & Fine Arts Gen Ed	3
			18
19-20			
<b>Fourth Year</b>			
<b>Fall</b>	<b>Credits</b>	<b>Spring</b>	<b>Credits</b>
BIOC 460	3	EDUC 485	1
CHEM 425	3	EDUC 487	9
CHEM 431	3	EDUC 488	3
CHEM 431L	2		
ENGL 324	3		
Social & Behavioral Science/Cultural Diversity Gen Ed	3		
Apply for Student Teaching			
Complete Praxis PLT Exam			
Complete Praxis II Content Exam			
			13
			17
Total Credits: 140-141			