

Secondary Education (BSED) - Chemistry

The following course sequence sheet is for illustrative purposes only and should not be construed as formal academic advisement. Course selections and sequence may vary depending on course availability and counsel from your academic adviser. You should consult an academic adviser before developing an actual academic plan.

Cr.	First Semester	Cr.	Second Semester
4	CHEM.115 Chemistry for Sciences I	4	CHEM.116 Chemistry for Sciences II
3	CHEM.125 Calculus I or MATH.113 Pre-Calculus (if required based on testing)	3	CHEM.126 Calculus II or MATH.125 Calculus I (if MATH.113 was required)
3	ENGLISH.101 Composition I or PSYCH.101 General Psychology	3	PSYCH.101 General Psychology or ENGLISH.101 Composition I
3	EDFOUND.204 Ed. Computing (or EDFOUND.350 or 351) or SPECED.101 Introduction to Individuals w/Exceptionalities	3	SPECED.101 Introduction to Individuals w/Exceptionalities or EDFOUND.204 Ed. Computing (or EDFOUND.350 or 351)
3	SOC.211 Prin. Sociology/ANTHRO.200 Cultural Anthro or EDFOUND.206 Teachers, Schools, & Society	2	EDFOUND.206 Teachers, Schools, & Society or SOC.211 Prin. Sociology/ 46.200 Cultural Anthro
(1)	INTSTUDY.100 Optional University Seminar		
16	Total Semester Credits	15	Total Semester Credits
Cr.	Third Semester	Cr.	Fourth Semester
4	CHEM.231 Organic Chemistry I	4	CHEM.232 Organic Chemistry II
3	MATH.225 Calculus III or MATH.126 Calculus II (if MATH.113 was required)	3	COMMSTUD.103 Public Speaking or COMMSTUD.104 Interpersonal or MATH.225 Calculus III (if MATH.113 was required)
4	PHYSICS.211 General Physics I	3	CHEM.251 Inorganic Chemistry
3	Writing Intensive Lit. Course or ENGLISH.201 Comp 2	4	PHYSICS.212 General Physics II
3	EDFOUND.251 Psychological Foundations of Education	3	EDFOUND.291 Principles of Teaching
17	Total Semester Credits	17	Total Semester Credits
Cr.	Fifth Semester	Cr.	Sixth Semester
3	CHEM.321 Analytical Chemistry I	4	CHEM.341 Biochemistry I
4	CHEM.361 Physical Chemistry I	3	EDFOUND.311 Classroom Measures & Assessment
3	EDFOUND.393 Social Foundations of Education or EDFOUND.406 Multicultural Education	3	General Education Group A (Humanities)
		3	GEOG.105 Environmental Issues & Choices

3	PSYCH.212 Adolescence	1	General Education Fitness/Recreation Skills
3	General Education Group A (Humanities) or COMMSTUD.103 or COMMSTUD.104 if MATH.113 was required		
16	Total Semester Credits	14	Total Semester Credits
Cr.	Seventh Semester	Cr.	Eighth Semester
3	GEOSCI.120 Physical or GEOSCI.130 Historical Geology	6	ELEMED.494 Student Teaching (First Assignment)
3	SECED.453 Teaching Science	6	ELEMED.495 Student Teaching (Second Assignment)
3	CHEM.475 Chemistry Curriculum & the Teaching Lab		
3	General Education Group A (Humanities)		
1	General Education Fitness/Recreation Skills		
(3)	Gen Ed Group A (if MATH.113 was required)		
13	Total Semester Credits	12	Total Semester Credits
TOTAL CREDITS: 120			

IMPORTANT NOTES:

To complete program within 120 credits, students must count one Communications, Quantitative or Values course towards Gen Ed Group A, B, or C. As an example, this program counts COMMSTUD.103 for Communications and Group A.