

## 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.

<b>Cr.</b>	<b>First Semester</b>	<b>Cr.</b>	<b>Second Semester</b>
4	CHEM.115 Chemistry for Sciences I	4	CHEM.116 Chemistry for Sciences II
3	ENGLISH Literature (151, 152, 156, 226, 227, 236, 237, 246, 247 or 286)	4	MATH.125 Calculus I
3	ENGLISH.101 Found of College Writing	3	PSYCH.101 General Psychology
3	EDFOUND.204 Educational Technology	3	SPECED.101 Introduction to Individuals w/Exceptionalities
3	EGGS.120 Physical Geology	3	EGGS.105 Environmental Issues & Choices
		1	EDFOUND.206 Teachers, Schools, & Society or
16	Total Semester Credits	18	Total Semester Credits
<b>Cr.</b>	<b>Third Semester</b>	<b>Cr.</b>	<b>Fourth Semester</b>
4	CHEM.231 Organic Chemistry I	4	CHEM.232 Organic Chemistry II
4	MATH.126 Calculus II	3	PSYCH.212 Adolescence Psychology
4	PHYSICS.211 General Physics I	3	CHEM.251 Inorganic Chemistry
3	MUSIC.101/105 Music Listening, Music Literature or THEATRE.102/103 Intro to Theatre or Theatre Appreciation	4	PHYSICS.212 General Physics II
3	ASLTERP.155 American Sign Language 1 or Competency Test or any second language 102 level	3	EXERCISE.114, 226, 230, 241, 250, 270 or DANCE.117 or NURSING.117 or 217 or HONORS.217
18	Total Semester Credits	17	Total Semester Credits
<b>Cr.</b>	<b>Fifth Semester</b>	<b>Cr.</b>	<b>Sixth Semester</b>
3	CHEM.321 Analytical Chemistry I	4	CHEM.341 Biochemistry I
4	EDFOUND.291 Principles of Teaching	3	SPECED.358 Methods of Instruction for Students with Disabilities
3	SPECED.275 Linking Assessment	4	CHEM.361 Physical Chemistry I
3	EDFOUND.311 Classroom Measures & Assessment	3	EDFOUND.427 Classroom Mgt & Eff Discipline
4	MATH.225 Calculus III		
17	Total Semester Credits	14	Total Semester Credits

<b>Cr.</b>	<b>Seventh Semester</b>	<b>Cr.</b>	<b>Eighth Semester</b>
3	SECED.453 Teaching Science	6	EDFOUND.497 Teaching in Education: First Exp
3	EDFOUND.406 Multicultural Education	6	EDFOUND.498 Teaching in Education: Second Exp
3	PROFSTUD.494 ELL Strategies		
3	PROFSTUD.498 Student Teaching Seminar		
3	Practicum		
15	Total Semester Credits	12	Total Semester Credits
	<b>TOTAL CREDITS:</b>	126	