

B.S. Degree in Chemistry with Chemical Education Option – ACS Approved

		Fall Semester			Spring Semester		
		Course	Course Title	Hrs.	Course	Course Title	Hrs.
Freshman	CH 115	General Chemistry I		3	CH 117	General Chemistry II	3
	CH 115 R	General Chemistry I Recitation		0	CH 117R	General Chemistry II Recitation	0
	CH 116	General Chemistry I Lab		1	CH 118	General Chemistry II Lab	1
	EH 101	Freshman Composition I		3	EH 102	Freshman Composition II	3
	MA 125	Calculus I		4	MA 126	Calculus II	4
	SPA 101	Spanish I		4	SPA 102	Spanish II	4
		Total Credits:		15			
							Total Credits: 15
Sophomore	CH 235	Organic Chemistry I		3	CH 237	Organic Chemistry II	3
	CH 235R	Organic Chemistry I Recitation		0	CH 237R	Organic Chemistry II Recitation	0
	CH 236	Organic Chemistry I Lab		1	CH 238	Organic Chemistry II Lab	1
	EH 216	Introduction to Literature		3	CH 355	Analysis Techniques	4
	PH 221	General Physics I		4	CH 355L	Analysis Techniques Lab	0
	PH 221R	General Physics I Recitation		0	CS 101	Fluency with Information Technology	3
	PH 221L	General Physics I Lab		0	CS 101L	Fluency with Information Technology Lab	0
	THR 100	Introduction to Theatre		3	PHL 115	Contemporary Moral Issues	3
		Total Credits:		14			
							Total Credits: 14
Junior	CH 345	Chemical Periodicity		4	HY 102	Western Civilization II	3
	CH 345L	Chemical Periodicity Lab		0	PY 101	Introduction to Psychology	3
	CH 460	Biochemistry		3		Elective	3
	PH 222	General Physics II		4		Elective	3
	PH 222R	General Physics II Recitation		0		Elective	3
	PH 222L	General Physics II Lab		0		Elective	1
	HY 101	Western Civilization I		3			
		Total Credits:		14			
							Total Credits: 16
Senior	CH 235	Thermodynamics/Kinetics		4	CH 498	Chemistry Teaching Methods	3
	CH 325L	Thermodynamics/Kinetics Lab		0		CH 497 or Other Elective	3
	SOC 100	Introduction to Sociology		3		Elective	3
	Capstone	CH 497 + CH 495 or CH 493		3-4		Elective	3
		Elective		3		Elective	3
		Elective		3		Elective	1
		Total Credits:		16-17			
							Total Credits: 16

Education courses are recommended as electives, and advising in the School of Education is also recommended.

Total Hours for Degree = 120-121

This program alone DOES NOT lead to certification to teach chemistry.

This is a sample program of study other courses may satisfy core requirements. See your academic advisor for a list of the courses.

