

B.S. Degree in Chemistry – ACS Approved (2008/2009)

	Fall Semester			Spring Semester			Summer Semester		
	Course	Course Title	Hrs	Course	Course Title	Hrs	Course	Course Title	Hrs
Freshman	CH 115	General Chemistry I	3	CH 117	General Chemistry II	3			
	CH 115R	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			
	CS 101	Fluency with Information Technology	3		Elective	3			
	CS 101L	Fluency with Information Technology Lab	0		Elective	3			
		Total Credits	14		Total Credits	17		Total Credits	0
Sophomore	CH 235	Organic Chemistry I	3	CH 237	Organic Chemistry II	3	CH 460	Biochemistry	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	PHL115	Contemporary Moral Issues	3			
	THR 100	Introduction to Theatre	3		Elective	3			
		Elective	3		Elective	3			
		Total Credits	13		Total Credits	13		Total Credits	3
	Junior	CH 345	Chemical Periodicity	4	CH 355	Analysis Techniques	4		
CH 345L		Chemistry Periodicity Lab	0	CH 355L	Analysis Techniques Lab	0			
PH 221		General Physics I	4	PH 222	General Physics II	4			
PH 221R		General Physics I Recitation	0	PH 222R	General Physics II Recitation	0			
PH 221L		General Physics I Lab	0	PH 222L	General Physics II Lab	0			
HY 101		Western Civilization I	3	HY 102	Western Civilization II	3			
		Elective	3		Elective	3			
		Total Credits	14		Total Credits	14		Total Credits	0
Senior	CH 325	Thermodynamics/Kinetics	4	CH 326	Structure/Bonding	4			
	CH 325L	Thermodynamics/Kinetics Lab	0	CH 326L	Structure/Bonding Lab	0			
	PY 101	Introduction to Psychology	3	CM 101	Public Speaking	3			
	SOC 100	Introduction to Sociology	3	PHL 116	Bioethics	3			
	Capstone	CH 497 + CH 495, or CH 493	3-4	CH 4**	Chemistry Elective*	3			
	CH 4**	Chemistry Elective*	3		Elective	3			
		Total Credits	16-17		Total Credits	16		Total Credits	0

*CH 440, 450/450L, 460, 462, 463, 464, 465, 471, 480/480L, 481/481L, or 6 SH of CH 497.

Total Hours for Degree = 120-121

Electives with Laboratories add an extra credit hour to the total.

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