

BACHELOR OF SCIENCE (120 cr. hours)**Chemistry College of Liberal Arts and Sciences****4-Year Degree Plan [sample]****YEAR ONE**

Fall Semester (14 cr. hours)		credits	grade
	CHEM-C 105 Principles of Chemistry I	3	
	CHEM-C 125 Experimental Chemistry I	2	
	MATH-M 115 Precalculus and Trigonometry	5	
FL Writing	ENG-W 131 Elementary Composition	3	
FL Information Literacy	COAS-Q 110 Introduction to Information Literacy	1	

Spring Semester (16 cr. hours)

	CHEM-C 106 Principles of Chemistry II	3	
	CHEM-C 126 Experimental Chemistry II	2	
FL Quantitative Reasoning	MATH-M 215 Calculus I	5	
FL Computer Literacy		3	
FL Critical Thinking		3	

YEAR TWO

Fall Semester (15 cr. hours)		credits	grade
	CHEM-C 341 Organic Chemistry Lectures 1	3	
	CHEM-C 343 Organic Chemistry Laboratory 1	2	
	PHYS-P 221 Physics 1	5	
FL Quantitative Reasoning	MATH-M 216 Calculus II	5	

Spring Semester (16 cr. hours)

	CHEM-C 342 Organic Chemistry Lectures 2	3	
	CHEM-C 344 Organic Chemistry Laboratory 2	2	
	PHYS-P 222 Physics 2	5	
	MATH-M 3XX Math 300-level	3	
	Foreign Language 102	3	

YEAR THREE

Fall Semester (15 cr. hours)		credits	grade
	CHEM-C 310 Analytical Chemistry	4	
	CHEM-C 361 Physical Chemistry of Bulk Matter	3	
	BIOL-L 102 Introduction to Biological Sciences 2	5	
	Foreign Language 203	3	

Spring Semester (16 cr. hours)

	CHEM-C 410 Principles of Chemical Instrumentation	4	
	CHEM-C 362 Physical Chemistry of Molecules	4	
FL Oral Communication	SPCH-S 121 Public Speaking	3	
CC Common Core Course		3	
	Elective	2	

YEAR FOUR

Fall Semester (14 cr. hours)		credits	grade
	CHEM-C 484 Biomolecules and Catabolism	3	
CC Common Core Course	CHEM-X XXX Chemistry Elective	3	
	Common Core	3	
CSV Health and Wellness		2	
FL Visual Literacy		3	

Spring Semester (14 cr. hours)

	CHEM-C 430 Inorganic Chemistry	3	
	CHEM-C 335 Inorganic Chemistry Laboratory	1	
	CHEM-C 301 Chemistry Seminar 1	1	
CC Common Core Course		3	
CC Common Core Course		3	
CSV Diversity in United States Society		3	

FL Fundamental Literacies CSV Contemporary Social Values CC Common Core* (at least one Common Core class must be at the 300 level).

At the end of the second year, the student's file will be reviewed by the LAS faculty for official acceptance as a declared major in the area.

Students must complete at least 30 credit hours in 300 or 400 level courses.