



**Sample 4 Year Plan
Bachelor of Science
Chemistry
Biochemistry Concentration**

		Fall Semester		Spring Semester		
		Course Information	Credit Hrs	Course Information	Credit Hrs	
First Year	AP	UNIV 1000 – University Success	1	AP	ENGL 1020 – English Composition II	3
	AP	ENGL 1010 – English Composition I	3	AP	COMM 2045 – Public Speaking	3
	AP	MATH 1730 – Precalculus	4	AP	CHEM 1120/1121 – General Chemistry II w/lab	4
		BIOL 1110/1111 – General Biology I w/lab	4		BIOL 1120/1121 – General Biology II w/lab	4
	AP	CHEM 1110/1111 – General Chemistry I w/lab	4			
	TOTAL SCH			16	TOTAL SCH	

		Fall Semester		Spring Semester		
Second Year		CHEM 2000 – Chemistry Sophomore Seminar	1		CHEM 3520/3521 – Organic Chemistry II w/lab	4
		CHEM 3510/3511 – Organic Chemistry I w/lab	4	AP	History Core	3
	AP	ENGL 2330 – Topics in World Literature	3		PHYS 2020/2021 – College Physics II w/lab	4
		PHYS 2010/2011 – College Physics I w/lab	4	AP	Social and Behavioral Sciences	3
	AP	History Core	3			
	TOTAL SCH			15	TOTAL SCH	

		Fall Semester		Spring Semester		
Third Year		CHEM 3210/3211 – Quantitative Analysis w/lab	4		BIOL 4440/4441 – Cell & Molecular Biology w/lab	4
		CHEM 4310/4311 – Biochemistry I w/lab	4		Math 1910 – Calculus I	4
	AP	Social and Behavioral Sciences Core	3		CHEM Upper Division Directed Electives	4
		BIOL 3130/3131 – Genetics w/lab	4		CHEM 4320/4321 – Biochemistry II w/lab	4
					CHEM 4000 – Chemistry Senior Seminar	1
	TOTAL SCH			15	TOTALSCH	

		Fall Semester		Spring Semester		
Fourth Year		CHEM 3610/3611 – Physical Chemistry I w/lab	4	AP	Humanities and Fine Arts Core	1
	AP	Humanities and Fine Arts Core	3		BIOL Upper Division Directed Elective	4
		BIOL Upper Division Directed Elective	4		CHEM Upper Division Directed Elective	4
		Elective	4		Elective	3
	TOTAL SCH			15	TOTAL SCH	

***AP** designates General Education Core Course to be completed for your degree.

**Bachelor degrees require the completion of 33 upper division (3000 – 4999) credit hours.