

Year 1

Fall Semester

Spring Semester

Course	Credit Hours	Course	Credit Hours
CHE 1415 General Chemistry I	4	CHE 1416 General Chemistry II	4
BIO 1410 Introduction to Biology I	4	BIO 1420 Introduction to Biology II	4
ENG 1301 Composition and Rhetoric	3	ENG 1302 Composition and Literature	3
MAT 1324 Calculus I	3	Elective Course	3
ASE 1111 Freshman Success Experience	1	EXS 1220 Basic Concepts of Wellness	2
Total Credit Hours:	15	Total Credit Hours:	16

Year 2

Fall Semester

Spring Semester

Course	Credit Hours	Course	Hours
CHE 2416 Organic Chemistry I	4	CHE 2417 Organic Chemistry II	4
BIO 2441 Microbiology	4	BIO 2424 Evolution and Ecology	4
ENG 23XX Literature	3	General Education Course	3
PHY 1401 University Physics I	4	Elective	3
Total Hours:	15	Total Credit Hours:	14

Year 3

General Education Course

Fall Semester

Spring Semester

Course	Credit Hours	Course	Hours
CHE 3405 Physical Chemistry I	4	CHE 4427 Biochemistry II	4
Or		General Education Course	3
CHE 3418 Analytical Chemistry	4	General Education Course	3
CHE 4426 Biochemistry I	4	Elective	3
Elective	3	CHE 3251 Introduction to Research	2
Elective	3		
CHE 3101 Seminar in Chemistry	1		
CHE 3142 Research Methods	1		
Total Hours:	16	Total Credit Hours:	15

Year 4

Fall Semester		Spring Semester	
Course	Credit Hours	Course	Hours
CHE 3405 Physical Chemistry I	4	Elective	3
Or		Elective	3
CHE 3418 Analytical Chemistry	4	General Education Course	3
BIO 3431 Molecular Genetics	4	General Education Course	3
General Education Course	3	CHE 4248 Applied Research Methods	2
Elective	3		
CHE 4251 Research in Chemistry	2		
Total Hours:	16	Total Credit Hours:	14
Total Credit Hours 121 hours			