

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	HIS 2321 Fund of Early American History	3
HIS 2324 Fund of Modern American History	3	SPC 1301 Speech	3
Or		ATR 3210 Basic Pharmacology	2
BIO 2320 Biostatistics	3		
ATR 2205 Medical Terminology	2		
Total Hours:	16	Total Credit Hours:	16

Year 3

Fall Semester

Spring Semester

Course	Credit Hours	Course	Hours
CHE 3418 Analytical Chemistry	4	CHE 4427 Biochemistry II	4
Or		BIO 2401 Anatomy and Physiology I	4
CHE 3405 Physical Chemistry I	4	HIS 2324 Fund of Modern Amer. History	3
CHE 4426 Biochemistry I	4	Or	
PHY 1401 University Physics I	4	MAT 3311 Intro to Prob and Stats	3
CHE 3101 Seminar in Chemistry	1	POL 2311 American Government	3
CHE 3142 Research Methods	1	CHE 3251 Introduction to Research	2
Total Hours:	14	Total Credit Hours:	16

Year 4

Fall Semester		Spring Semester	
Course	Credit Hours	Course	Hours
CHE 3418 Analytical Chemistry	4	General Education Course	3
Or		General Education Course	3
CHE 3405 Physical Chemistry I	4	General Education Course	3
BIO 2402 Anatomy and Physiology II	4	General Education Course	3
BIO 3431 Molecular Genetics	4	CHE 4248 Applied Research Methods	2
CHE 4251 Research in Chemistry	2		
Total Hours:	14	Total Credit Hours:	14
Total Credit Hours 121 hours			