

## 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
<b>Total Credit Hours:</b>	<b>15</b>	<b>Total Credit Hours:</b>	<b>16</b>

## 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	SOC 2301 Introduction to Sociology	3
PSY 1301 Introduction to Psychology	3	Psychology 1301 Intro to Psychology	3
Or		Or	
BIO 2320 Biostatistics	3	MAT 3311 Intro to Prob and Stats	3
ATR 2205 Medical Terminology	2	ATR 3210 Basic Pharmacology	2
<b>Total Hours:</b>	<b>16</b>	<b>Total Credit Hours:</b>	<b>16</b>

## Year 3

### Fall Semester

### Spring Semester

Course	Credit Hours	Course	Hours
CHE 3405 Physical Chemistry I	4	CHE 4427 Biochemistry II	4
Or		BIO 2402 Anatomy and Physiology II	4
PHY 1401 University Physics I	4	General Education Course	3
CHE 4426 Biochemistry I	4	General Education Course	3
BIO 2401 Anatomy and Physiology I	4	CHE 3251 Introduction to Research	2
CHE 3101 Seminar in Chemistry	1		
CHE 3142 Research Methods	1		
<b>Total Hours:</b>	<b>14</b>	<b>Total Credit Hours:</b>	<b>16</b>

## Year 4

Fall Semester		Spring Semester	
Course	Credit Hours	Course	Hours
CHE 3405 Physical Chemistry I	4	BIO 4426 Infection and Immunity	4
Or		Or	
PHY 1401 University Physics I	4	BIO 4412 Molecular Cell Biology	4
BIO 3431 Molecular Genetics	4	General Education Course	3
General Education Course	3	General Education Course	3
CHE 4251 Research in Chemistry	2	General Education Course	3
		CHE 4248 Applied Research Methods	2
<b>Total Hours:</b>	<b>13</b>	<b>Total Credit Hours:</b>	<b>15</b>
<b>Total Credit Hours 121 hours</b>			