

[Please see the Courses section of this catalog for complete course descriptions.](#)

First Year – 29-32 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
BIOL 1110/1110L: <i>Principles of Biology I/Lab</i> (Natural Science)	4	BIOL 1120/1120L: <i>Principles of Biology II/Lab</i> (Natural Science)	4
CHEM 1110/1110L: <i>General Chemistry I/Lab</i>	4	CHEM 1120/1120L: <i>General Chemistry II/Lab</i>	4
MATH 1130: <i>College Algebra</i> or MATH 1730: <i>Combined Precalculus</i> (Quantitative Reasoning)	3-4	MATH 1830: <i>Calculus for Management, Life and Social Sciences</i> or MATH 1950: <i>Calculus w/ Analytic Geometry I</i> (Quantitative Reasoning)	3-4
Writing and Communication (ENGL 1010 or 1011 recommended)	3-4	Writing and Communication (ENGL 1020 recommended)	3
		Elective (MATH 1799 recommended)	1
	14-16		15-16
Second Year – 28-31 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
BIOL 1130: <i>Principles of Biology III</i>	3	BIOL 3060: <i>Ecology</i>	3
CHEM 3010/3010L: <i>Organic Chemistry I/Lab</i>	4	CHEM 3020/3020L: <i>Organic Chemistry II/Lab</i>	4
Behavioral and Social Science (PSY 1010)	3	ENGL 2820: <i>Scientific Writing</i> *	3
PHYS 1030/1030L: <i>General Physics - Mechanics and Heat/Lab</i>	4	PHYS 1040/1040L: <i>General Physics - Electromagnetism and Optics/Lab</i>	4
		Elective	0-3
	14		14-17
Third Year – 25-34 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
BIOL 3250: <i>Genetics</i>	3	BIOL 3350: <i>Evolution</i>	3
Foreign Language I (Fine Arts and Humanities)**	3-4	Foreign Language II (Fine Arts and Humanities)**	3-4
CHEM 4510: <i>Biochemistry</i>	3	Approved BIOL Survey Elective (4000 level)	4
Behavioral and Social Science (SOC 1510)	3	Elective (CHEM 3210 recommended)	3
Elective	0-3	Elective	0-4
	12-16		13-18
Fourth Year – 26-36 Hours			
<i>Fall Semester:</i>	Hrs	<i>Spring Semester:</i>	Hrs
Approved Advanced Ecology & Evolution Elective (4000 level)	3-4	Approved Cell and Physiology Elective (4000 level)	3-4
Approved Cell and Physiology Elective (4000 level)	4	BIOL Elective (4000 Level)	4
Elective (CLAS 3000 recommended)	0-3	Humanities and Fine Arts	3-4
Humanities and Fine Arts	3-4	Individual and Global Citizenship**	3-4
MATH 2100: <i>Introductory Statistics</i>	3	BIOL Elective or Elective (3000-4000 level)	0-2
	13-18		13-18

*Students can substitute BIOL 4995r: *Departmental Thesis* for ENGL 2820.

** SPAN or FREN may fulfill Individual and Global Citizenship instead

Completed:			
Graduation Requirements:	Hrs	Degree Requirements:	Hrs
120 Total Hours		21-25 General Education Hours	
39 Upper Division (3000-4000) Hours*		76-83 Program (Major) Hours	
30 Hours at UTC		Minor (<i>Not Required</i>)	
45 Hours at 4-year Institution		4-17 Elective Hours	
		6-8 Foreign Language Hours	