

[Please refer to the Undergraduate Catalog for further program requirements and course descriptions.](#)

First Year – 29-32 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
BIOL 1110/1110L: <i>Principles of Biology I/Lab</i> (Natural Science)	4	BIOL 1120/1120L: <i>Principles of Biology II/Lab</i>	4
CHEM 1110/1110L: <i>General Chemistry I/Lab</i> (Natural Science)	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)	3-4	Writing and Communication (ENGL 1020)	3
	14-16	Elective (MATH 1799 if choosing PHYS 1030/L option)	1
			15-16
Second Year – 26-28 Hours			
Fall Semester:	Hrs	Spring Semester:	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	3	ENGL 2820: <i>Scientific Writing</i> *	3
Foreign Language I (Humanities and Fine Arts) **	3-4	Foreign Language II (Humanities and Fine Arts) **	3-4
	13-14		13-14
Third Year – 27-33 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
BIOL 3250: <i>Genetics</i>	3	BIOL 3350: <i>Evolution</i>	3
PHYS 1030/1030L: <i>General Physics - Mechanics & Heat/Lab</i> or GEOL 1110/1110L: <i>Physical Geology/Lab</i>	4	PHYS 1040/1040L: <i>General Physics - Electromagnetism & Optics/Lab</i> or GEOL 1120/1120L: <i>Hist. Geology/Lab</i>	4
MATH 2100: <i>Introductory Statistics</i>	3	Approved BIOL Survey Elective (4000 level)	4
Elective	3	Elective (3000-4000 Level)	0-4
Elective	0-2	Elective	3
	13-15		14-18
Fourth Year – 26-37 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
Approved BIOL Survey Elective (4000 level)	4	Approved Advanced Ecology/Evolution Elective (4000 level)	3-4
Approved Cell and Physiology Elective (4000 level)	3-4	BIOL Elective (4000 Level)	4
Humanities and Fine Arts	3-4	Humanities and Fine Arts	3-4
Elective (3000-4000 level)	0-4	Individual and Global Citizenship **	3-4
Behavioral and Social Science	3	BIOL Elective (3000-4000 level)	0-2
	13-19		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		21-26 General Education Hours	
39 Upper Division (3000-4000) Hours		74-79 Program (Major) Hours	
30 Hours at UTC		Minor (<i>Not Required</i>)	
45 Hours at 4-year Institution		7-19 Elective Hours	
		6-8 Foreign Language Hours	