

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

First Year – 28-31 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> (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 1710 or 1720 or 1730) (Mathematics)	3-4	MATH 1830: <i>Calculus for Management, Life and Social Sciences</i> (or 1950)	3-4
ENGL 1010 or 1011 (Rhetoric and Writing I)	3-4	ENGL 1020 (Rhetoric and Writing II)	3
	14-16		14-15
Second Year – 29-31 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 (PSY 1010)	3	MATH 2100: <i>Introductory Statistics</i> (Statistics)	3
Foreign Language I	3-4	ENGL 2820: <i>Scientific Writing</i> *	3
		Foreign Language II	3-4
	13-14		16-17
Third Year – 30 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>	4	PHYS 1040/1040L: <i>General Physics - Electromagnetism & Optics/Lab</i>	4
CHEM 4510: <i>Biochemistry</i>	3	Approved BIOL Survey Elective	4
Behavioral and Social Science (SOC 1510)	3	FAH: Historical Understanding	3
Elective	3		
	16		14-16
Fourth Year – 28-31 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
Approved Advanced Ecology & Evolution Elective	3-4	Approved Cell and Physiology Elective	3-4
Approved Cell and Physiology Elective	4	BIOL Elective (4000 Level)	4
FAH: Literature	3	FAH: Visual and Performing Arts	3
FAH: Thought, Values and Beliefs	3	Non-Western Culture	3
Elective	0-3	BIOL Elective or Elective	0-2
	13-17		13-16

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

Completed:			
Graduation Requirements:	Hrs	Degree Requirements:	Hrs
120 Total Hours		27-28 General Education Hours	
39 Upper Division (3000-4000) Hours*		79-81 Program (Major) Hours	
30 Hours at UTC		Minor (<i>Not Required</i>)	
60 Hours at 4-year Institution		3-8 Elective Hours	
		6-8 Foreign Language Hours	