

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

First Year – 28-32 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
MATH 1950: <i>Calculus w Analytic Geometry I</i> (Quantitative Reasoning)	4	MATH 1960: <i>Calculus w Analytic Geometry II</i>	4
CPSC 1100: <i>Fundamentals of Computer Science</i>	4	MATH 2200: <i>Elementary Linear Algebra</i>	3
Writing and Communication (ENGL 1010 or 1011)	3-4	Humanities and Fine Arts	3-4
Humanities and Fine Arts	3-4	Humanities and Fine Arts	3-4
Elective	1		
	15-17		13-15
Second Year – 32-33 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
MATH 2450: <i>Intro to Differential/Difference Equations</i>	3	MATH 2560: <i>Calculus w Analytical Geometry III</i>	4
Natural Science with Lab	4	MATH 3000: <i>Intro to Logic and Proof</i>	3
Humanities and Fine Arts	3-4	Natural Science without Lab	3
Behavioral and Social Science	3	Behavioral and Social Science	3
Minor/Program of Study Course	3	Minor/Program of Study Course	3
	16-17		16
Third Year – 30 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
MATH 3100: <i>Applied Statistics</i> or MATH 4130: <i>Intro to Probability and Statistics (Quantitative Reasoning)*</i>	3	3000-4000 Level MATH Elective or 4140: <i>Mathematical Statistics *</i>	3
MATH 3250: <i>Intro to Modern Algebra</i> or 4200: <i>Linear Algebra and Matrix Theory</i>	3	MATH Elective (3000-4000 Level)	3
MATH 3510: <i>Intro to Analysis I</i>	3	THSP 1090: <i>Public Speaking (Writing and Communication)</i>	3
MATH 3820: <i>Communicating Mathematics</i>	3	Minor/Program of Study Course (3000-4000 Level)	3
Minor/Program of Study Course	3	Elective	3
	15		15
Fourth Year – 30-31 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
MATH Elective (3000-4000 Level)	3	MATH Elective (3000-4000 Level)	3
Minor/Program of Study Course (3000-4000 Level)	3	Minor/Program of Study Course (3000-4000 Level)	3
Individual and Global Citizenship	3-4	Elective (3000-4000 Level)	3
Elective (MATH 4510)	3	Elective	3
Elective	3	Elective	3
	15-16		15

*Must take either a) MATH 3100 and 12 credit hours of MATH Elective (3000-4000 level) or b) MATH 4130 and 4140 and 9 credit hours of MATH Elective (3000-4000 level).

Completed:			
Graduation Requirements:	Hrs	Degree Requirements:	Hrs
120 Total Hours		31-37 General Education Hours	
39 Upper Division (3000-4000) Hours		52 Program (Major) Hours	
30 Hours at UTC		18 Minor/Program of Study Hours	
45 Hours at 4-year Institution		13-19 Elective Hours	
		Foreign Language (<i>Not Required</i>)	