

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

<b>First Year – 30-31 Hours</b>			
<b>Fall Semester:</b>	<b>Hrs</b>	<b>Spring Semester:</b>	<b>Hrs</b>
MATH 1950: <i>Calculus w Analytic Geometry I</i> (Math)	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
ENGL 1010 or 1011 (Rhetoric and Writing I)	3-4	ENGL 1020 or HIST 2100 (Rhetoric and Writing II)	3
FAH: Historical Understanding	3	FAH: Thought, Values and Beliefs	3
Elective	1	FAH: Literature	3
	15-16		16
<b>Second Year – 32 Hours</b>			
<b>Fall Semester:</b>	<b>Hrs</b>	<b>Spring Semester:</b>	<b>Hrs</b>
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
FAH: Visual and Performing Arts	3	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		16
<b>Third Year – 30 Hours</b>			
<b>Fall Semester:</b>	<b>Hrs</b>	<b>Spring Semester:</b>	<b>Hrs</b>
MATH 3100: <i>Applied Statistics</i> or 4130: <i>Intro to Probability and Statistics</i> (Statistics)*	3	MATH Elective or 4140: <i>Mathematical Statistics</i> (Statistics)*	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</i> (or THSP 2090)	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
<b>Fourth Year – 27-28 Hours</b>			
<b>Fall Semester:</b>	<b>Hrs</b>	<b>Spring Semester:</b>	<b>Hrs</b>
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
Non-Western Culture	3	Elective (3000-4000 Level)	3
Elective (3000-4000 Level) (MATH 4510)	3	Elective	3
Elective	3	Elective	0-1
	15		12-13

\*Must take either a) MATH 3100 and a MATH Elective or b) MATH 4130 and 4140. Either MATH 3100 or 4140 will fulfill the General Education Statistics requirement.

<b>Completed:</b>			
<b>Graduation Requirements:</b>	<b>Hrs</b>	<b>Degree Requirements:</b>	<b>Hrs</b>
120 Total Hours		34-35 General Education Hours	
39 Upper Division (3000-4000) Hours		52 Program (Major) Hours	
30 Hours at UTC		18 Minor/Program of Study Hours	
60 Hours at 4-year Institution		15-16 Elective Hours	
		Foreign Language ( <i>Not Required</i> )	