CLEAR PATH for ADVISING – *Mathematics: General Mathematics, B.S.* 2025-2026

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

First Year – 28-32 Hours			
Fall Semester:	**Hrs**	**Spring Semester:**	**Hrs**
CPSC 1100: *Fundamentals of Computer Science*	4	MATH 1960: *Calculus with Analytic Geometry II*	4
MATH 1950: *Calculus with Analytic Geometry I (Quantitative Reasoning)*	4	MATH 2200: *Elementary Linear Algebra*	3
Writing and Communication	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: *Introduction to Differential and Difference Equations*	3	MATH 2560: *Calculus with Analytic Geometry III*	4
Minor/Program of Study Course	3	MATH 3000: *Introduction to Logic and Proof*	3
Natural Science with Lab	4	Minor/Program of Study Course	3
Behavioral and Social Science	3	Natural Science without Lab	3
Humanities and Fine Arts	3-4	Behavioral and Social Science	3
	16-17		16
Third Year – 30 Hours			
Fall Semester:	**Hrs**	**Spring Semester:**	**Hrs**
MATH 3100: *Applied Statistics* or MATH 4130: *Introduction to Probability and Statistics* (Quantitative Reasoning)*	3	MATH Elective (3000-4000 Level) or MATH 4140: *Mathematical Statistics* *	3
MATH 3250: *Introduction to Modern Algebra* or 4200: *Linear Algebra and Matrix Theory*	3	MATH 3820: *Communicating Mathematics*	3
MATH 3510: *Introduction to Analysis I*	3	THSP 1090: *Public Speaking* (Writing and Communication)	3
MATH Elective (3000-4000 Level)	3	Minor/Program of Study Course (3000-4000 Level)	3
Minor/Program of Study Course	3	Elective	3
	15		15
Fourth Year – 24-31 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	0-3	Elective	0-3
	12-16		12-15

*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 Level) 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 *(Not Required)*	