## **B.S.** Mathematics: General Mathematics

This pathway leads from an Mathematics, A.S. (TTP) degree from Chattanooga State Community College to a Bachelor of Science degree with a major in Mathematics: General Mathematics from the University of Tennessee at Chattanooga.

**Chattanooga State Community College** 

First Year – 29-30 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
ENGL 1010: English Composition I	3	3 ENGL 1020: English Composition II*	3
MATH 1910: Calculus I*	4	4 MATH 1920: Calculus II*	4
History to satisfy Gen Ed	3	History to satisfy Gen Ed	3
Humanities/Fine Arts to satisfy Gen Ed		Humanities/Fine Arts to satisfy Gen Ed	3
		Programming Language Course	3-4
	13	3	16-17
Second Year – 30-31 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
MATH 2110: Calculus III*	4	4 MATH 2010: Introduction to Linear Algebra*	3
MATH 2120: Differential Equations	3	Social/Behavioral Science to satisfy Gen Ed	3
Social/Behavioral Science to satisfy Gen Ed	3	Natural Science to satisfy Gen Ed	4
Natural Science to satisfy Gen Ed	4	4 COMM 2025: Fundamentals of Communication	3
Literature to satisfy Gen Ed	3	3 Elective	0-1
	1′	7	13-14

<sup>\*</sup> Must earn a C or better grade

Students should verify Chattanooga State Community College graduation requirements.

## **University of Tennessee at Chattanooga**

Third Year - 30 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
MATH 3100: Applied Statistics or 4130: Intro to Probability and Statistics**	3	MATH Elective or 4140: Mathematical Statistics**	3
MATH 3000: Intro to Logic and Proof	3	MATH 3250: Intro to Modern Algebra or 4200: Linear Algebra and Matrix Theory	3
Minor/Program of Study Course	3	MATH 3510: Intro to Analysis I	3
Minor/Program of Study Course	3	Minor/Program of Study Course	3
Elective	3	Elective	3
	15		15
Fourth Year – 30 Hours			
Fall Semester:	Hrs	Spring Semester:	Hrs
MATH Elective (3000-4000 level)	3	MATH Elective (3000-4000 level)	3
MATH 3820: Communicating Mathematics	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
Minor/Program of Study Course (3000-4000 level)	3	Elective	3
Elective (3000-4000 level)	3	Elective (3000-4000 level)	3
	15		15

<sup>\*\*</sup>Must take either a) MATH 3100 and a MATH Elective or b) MATH 4130 and 4140

Completed:			
Graduation Requirements:	Degree Requirements:		
120 Total Hours	35 General Education Hours		
39 Upper Division (3000-4000) Hours	51-52 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 Hours (Not Required)		

This Transfer Path is a supplemental resource only. Students should consult their catalog year for official lists of general education courses, program requirements, pre-requisites, and co-requisites.