UTC Transfer Pathway **2022-2023**

B.S. Computer Science: Software Systems (with Program of Study)

This pathway leads from a Computer Science A.S. (TTP) degree from Chattanooga State Community College to a Bachelor of Science degree with a major in Computer Science: Software Systems (with Program of Study) from the University of Tennessee at Chattanooga.

Chattanooga State Community College

First Year – 27-29 Hours			
Fall Semester:	**Hrs**	*Spring Semester:*	**Hrs**
ENGL 1010: English Composition I	3	ENGL 1020: English Composition II*	3
Math Sequence Course I (MATH 1710, 1720, 1830, 1910, or 1920)*/**	3-4	Math Sequence Course II (MATH 1720, 1910, 1920, or 2010)*/**	3-4
Humanities/Fine Arts to satisfy Gen Ed	3	Humanities/Fine Arts to satisfy Gen Ed	3
History to satisfy Gen Ed	3	History to satisfy Gen Ed	3
		COMM 2025: Fundamentals of Communication	3
	12-13		15-16
Second Year – 31-32 Hours			
Fall Semester:	**Hrs**	*Spring Semester:*	**Hrs**
CISP 1010: Computer Science I*	4	CISP 1020: Computer Science II*	4
Math Sequence Course III (MATH 1910, 1920, or 2010)*/**	3-4	CISP 2410: Assembly & Computer Organization	3
Natural Science to satisfy Gen Ed	4	Natural Science to satisfy Gen Ed	4
ECON 2100: Principles of Macroeconomics***	3	ECON 2200: Principles of Microeconomics***	3
Literature to satisfy Gen Ed	3		
	17-18		14

* Must earn a C or better grade

**The Computer Science major requires completion of MATH 1910: Calculus I, MATH I920: Calculus II and MATH 2010: Introduction to Linear Algebra either at the community college or at the university

***Students should enroll in Macroeconomics and Microeconomics for the Social/Behavioral Science general education requirement

Students should verify Chattanooga State Community College graduation requirements.

University of Tennessee at Chattanooga

Third Year – 31-34 Hours			
Fall Semester:	**Hrs**	*Spring Semester:*	**Hrs**
MATH 2030: Discrete Math for Comp. Science, 3030: Discrete Structures, or 3000: Intro to Logic & Proof	3	MATH 2100: Introductory Stats, ENCE 2220: Probability and Stats for Engineering, or MATH 3100: Applied Statistics	3
CPSC 2100: Software Design and Development	3	CPSC 3610: Ethical & Social Issues in Computing	3
CPSC 2800: Intro to Operating Systems	3	CPSC 3200: Algorithm Analysis & Advanced Data Structures	3
CPEN 3700: Digital Logic & Intro to Computer Hardware	4	Approved CPSC or Tech Elective (3000-4000 level)	3
Approved CPSC or Tech Elective (3000-4000 level)	3	Approved CPSC or Tech Elective (3000-4000 level)	3
MATH 2200: Elementary Linear Algebra ****	0-3		
	16-19		15
Fourth Year – 32-35 Hours			
Fall Semester:	**Hrs**	*Spring Semester:*	**Hrs**
CPEN 4700: Computer Architecture	3	CPSC 4910r: Senior Capstone or 4995r: Thesis	3
CPSC 4900: Software Engineering	3	CPSC 4100: Survey of Programming Languages	3
Approved CPSC or Tech Elective (3000-4000 level)	3	Approved CPSC or Tech Elective (3000-4000 level)	3
Approved CPSC or Tech Elective (3000-4000 level)	3	Approved CPSC or Tech Elective (3000-4000 level)	3
Natural Science with Lab Sequence	4	Natural Science with Lab Sequence	4
Math or Stats Elective (above 1830/1950 or 2100)****	0-3		
	16-19		16

****Course not required if completed at community college

Completed:			
Graduation Requirements:		**Degree Requirements:**	
122 Total Hours		30 General Education Hours	
39 Upper Division (3000-4000) Hours		67-69 Program (Major) Hours	
30 Hours at UTC		21 Program of Study Hours	
60 Hours at 4-year institution		3-9 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.