

B.S. Computer Science Systems - Schedule Planning Grid
Effective Autumn 2023

Freshmen Year					Sophomore Year				
Course #	Title	Quarter	Credits	Notes	Course #	Title	Quarter	Credits	Notes
TCORE 101	English Composition I	Fall	5		TMATH 124	Calculus I	Fall	5	
	Arts and Humanities (A&H)	Fall	5			Lab Science	Fall	5	
	Free Elective	Fall	5			Advanced Writing (C or W)	Fall	5	
	Diversity Req. (DIV)	Winter	5		TCSS 142	Intro to Programming+LAB	Winter	5	
	Social Sciences (SSc)	Winter	5		TMATH 125	Calculus II	Winter	5	
TMATH 115	Pre-Calculus I (if not taking 120)	Winter	5			Lab Science	Winter	5	
TMATH 116	Pre-Calculus II (Or TMATH 120)	Spring	5		TCSS 143	Obj Oriented Programming+LAB	Spring	5	
	Arts and Humanities (A&H)	Spring	5		TMATH 126	Calculus III	Spring	5	
	Social Sciences (SSc)	Spring	5			Free Elective	Spring	5	
Junior Year					Senior Year				
Course #	Title	Quarter	Credits	Notes	Course #	Title	Quarter	Credits	Notes
TCSS 305	Programming Practicum	Fall	5		TCSS 343	Algorithms	Fall	5	
TCSS 321	Discrete Structures	Fall	5		TCSS 325	Computer Ethics (W)	Fall	5	
	Math or Science Elective	Fall	5		TCSS 372	Comp Architecture	Fall	5	
TCSS 390	TCSS 321 Seminar (Optional)	Fall	2		TCSS 390	TCSS 343 Seminar (Optional)	Fall	2	
TCSS 342	Data Structures	Winter	5		TCSS 422	Operating Systems	Winter	5	
TCSS 371	Machine Organization	Winter	5		TCSS 3/4XX	CSS Elective	Winter	5	
TMATH 208	Matrix Algebra	Winter	5		TCSS 3/4XX	CSS Elective	Winter	5	
TCSS 390	TCSS 342 Seminar (Optional)	Winter	2						
TCSS 360	Software Engineering	Spring	5		*TCSS 4XX	Approved Design Elective	Spring	5	
TCSS 380	Fundamentals of PL Concepts	Spring	5		TCSS 4XX	CSS Elective	Spring	5	
TMATH 390	Engineering Probability & Stats	Spring	5		TCSS 4XX	CSS Elective	Spring	5	

Note: This is an advising tool only and is subject to change. **Required prerequisites are in BOLD.**
Admission is not guaranteed and is based on review of the major application.
*See website for list of approved 400-level design electives.