

B.S. Computer Science & Systems - Schedule Planning Grid

Autumn 2021

Freshmen Year				Sophomore Year			
Course #	Title	Quarter	Notes	Course #	Title	Quarter	Notes
TCORE 101	English Composition I	Fall		TMATH 124	Calculus I	Fall	
	Humanities (VLPA)	Fall			Lab Science	Fall	
	Free Elective	Fall			Advanced Writing (C or W)	Fall	
	Diversity Req. (DIV)	Winter		TCSS 142	Intro to Programming	Winter	
	Social Science (I&S)	Winter		TMATH 125	Calculus II	Winter	
	Free Elective	Winter			Lab Science	Winter	
TMATH 120	Pre-Calculus	Spring		TCSS 143	Obj Oriented Programming	Spring	
	Humanities (VLPA)	Spring		TMATH 126	Calculus III	Spring	
	Social Science (I&S)	Spring			Free Elective	Spring	
Junior Year				Senior Year			
Course #	Title	Quarter	Notes	Course #	Title	Quarter	Notes
TCSS 305	Programming Practicum	Fall		TCSS 343	Algorithms	Fall	
TCSS 321	Discrete Structures	Fall		TCSS 325	Computer Ethics	Fall	
	Math or Science Elective	Fall		TCSS 372	Comp Architecture	Fall	
TCSS 390	TCSS 321 Seminar (Optional)	Fall		TCSS 390	TCSS 343 Seminar (Optional)	Fall	
TCSS 342	Data Structures	Winter		TCSS 422	Operating Systems	Winter	
TCSS 371	Machine Organization	Winter		TCSS 3/4XX	CSS Elective	Winter	
TMATH 208	Matrix Algebra	Winter		TCSS 3/4XX	CSS Elective	Winter	
TCSS 390	TCSS 342 Seminar (Optional)	Winter					
TCSS 360	Software Engineering	Spring		*TCSS 4XX	Approved Design Elective	Spring	
TCSS 380	Fundamentals of PL Concepts	Spring		TCSS 4XX	CSS Elective	Spring	
TMATH 390	Engineering Probability & Stats	Spring		TCSS 4XX	CSS Elective	Spring	

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.