Computer Science - Software & Systems[1] Pathway Sample Schedule (AY 2023-2024)

This schedule assumes that students have completed all general education course requirements and pre-professional course requirements. This is only a sample document and students must modify it to meet their needs of required courses, course loads, and course offerings for specific semesters.

Fall 23	Spring 24	Summer 24	Fall 24	Spring 25	Summer 25
CS 309 & CS 309L	NETWORKING & SECURITY COURSE	CS 340	CS 414	CS 415	CS 452
UNV 300	CS 318	CS 372	CS 417	CS 472	UNV 400
CS 317	MA 331	UPPER LEVEL MATH ELECTIVE	MA 310	CS 451	CS 310
MA 308	SOFTWARE & SYSTEMS COURSE	ITE 305 & ITE 306	ITE 327 & ITE 327L	UPPER LEVEL MATH ELECTIVE	COMPUTING THEORY COURSE
					ITE 420
13 CREDIT HRS	12 CREDIT HRS	11/13 CREDIT HRS	13 CREDIT HRS	12 CREDIT HRS	11 CREDIT HRS

Spring 24	Summer 24	Fall 24	Spring 25	Summer 25	Fall 25
CS 309 & CS 309L	ITE 305 & ITE 306	ITE 327 & ITE 327L	CS 415	COMPUTING THEORY COURSE	CS 452
UNV 300	CS 318	CS 372	CS 472	CS 451	UNV 400
CS 317	MA 310	UPPER LEVEL MATH ELECTIVE	MA 331	UPPER LEVEL MATH ELECTIVE	CS 414
MA 308	SOFTWARE SYSTEMS COURSE	NETWORKING & SECURITY COURSE	CS 340	ITE 420	CS 417
			CS 310		
13 CREDIT HRS	11/13 CREDIT HRS	13 CREDIT HRS	13 CREDIT HRS	12 CREDIT HRS	10 CREDIT HRS

Summer 24	Fall 24	Spring 25	Summer 25	Fall 25	Spring 26
UNV 300	CS 309 & CS 309L	CS 340	COMPUTING THEORY COURSE	CS 414	CS 452
ITE 305 & ITE 306	CS 318	CS 372	MA 331	CS 417	UNV 400
CS 317	MA 310	UPPER LEVEL MATH ELECTIVE	NETWORKING & SECURITY COURSE	CS 451	CS 415
MA 308	ITE 327 & ITE 327L	SOFTWARE SYSTEMS COURSE	ITE 420	UPPER LEVEL MATH ELECTIVE	CS 472
					CS 310
11/13 CREDIT HRS	14 CREDIT HRS	12 CREDIT HRS	12 CREDIT HRS	12 CREDIT HRS	11 CREDIT HRS

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[1] Faculty strongly encourage students to take MA 321 Differential Equations as one of their Upper Level Math Electives and declare a minor in mathematics.