

Computer Science Flowsheet

Information Technology Concentration

REQUIRED

Year	Semester	Course Number and Name	Prerequisites	Completed
Year 1	Fall	CSCI 101 - Introduction to Computer Science	None	
		CSCI 121 – Programming in Java I OR CSCI 246 – Programming in C I	None None	
		Spring	CSCI 122 - Programming in Java II OR CSCI 248 – Programming in C II	CSCI 121 CSCI 246
	Year 2	Fall	CSCI 210 – Network Theory and Administration I	None
CSCI 235 – Digital Circuit Design			None	
Spring		CSCI 211 – Network Theory and Administration II	CSCI 210	
		CSCI 330 – Programming in C++	CSCI 122	
Year 3	Fall	CSCI 360 – Network Security I	CSCI 211	
		CSCI 236 - Web Development	None	
		CSCI 243 – Database Development	None	
	Spring	CSCI 363 – Network Security II	CSCI 360	
		CSCI 302 – Computer Triage	CSCI 101	
		CSCI 343 – Server-Side Software Development	CSCI 243 & CSCI 236 & CSCI 122	
Year 4	Fall	CSCI 461 - Senior Project I	CSCI328 & CSCI343	
	Spring	CSCI 462 - Senior Project II	CSCI 461	

Other

Year	Semester	Course Number and Name	Notes	Completed
		MATH 250 – Discrete Mathematics		
		MATH elective (200 level or higher)		
		ENGL 306 Business Writing and Presentation		