



Student 4 Year Plan for Computer Science B.S.

This is a sample schedule for the Computer Science B.S. degree. It may vary based on some choices of the student.

FRESHMAN

FALL			SPRING		
KINE XXX		2	ITSC 121	Fundamentals of Program 1	3
CSC 113	Digital Citizen of the 21 st Century	3	CSC 260	Self Directed Learning	1
ENGL 101	Written Comm II (FYE Block)	3	CSC 261	Self Directed Lrng: Web Prog.	2
THEO 110	Exploring Christian Faith (FYE Block)	3	ENGL 102	Written Comm III	3
MATH 131	Calculus I (w/ lab)	4	COMM 171	Speech Communication	3
			Science	Science (w/ lab)	4
Credit hours = 15			Credit hours = 16		

SOPHOMORE

FALL			SPRING		
CSC 121	Program 1: Control Structure	3	CSC 221	Program 2: Design & OOP	3
SOC 151	Principles of Sociology	3	LIT XXX		3
BIBL 215	Old Testament	3	BIBL 216	New Testament	3
PSYC 182	General Psychology	3	PHIL 250	Intro to Philosophy	3
	Elective	3	MATH 111	Basic Probability & Statistics	3
Credit hours = 15			Credit hours = 15		

JUNIOR

FALL			SPRING		
CSC 230	Networking	3	CSC 210	Database	3
CSC 312	Intro to Cloud Computing	3	CSC 420	Theory of Computation	3
CSC 340	Software Engineering Theory	3	CSC 441	Software Engineer in Practice	3
MATH 210	Discrete Mathematics	3	HIST XXX		3
	Foreign Language	3		Foreign Language	3
Credit hours = 15			Credit hours = 15		

SUMMER

CSC 398	Internship in Computer Science	1-3 HOURS
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SENIOR

FALL			SPRING		
CSC 314	Cloud-based Data Sci & Mach Ln	3	CSC 421	Program 4: Adv Programming	3
CSC 322	Programming 3: Adv Data Struct	3	CSC 491	Senior Capstone	3
CSC 463	Self Dir Lrng: Advanced Topics	3		ART/MUSIC/DRAMA	3
CSC/CYSC	Computing elective	3	PHIL 452	Senior Experience	1
	Elective	3		Elective	3
Credit hours = 15			Credit hours = 13		

<https://twiki.betheluniversity.edu/do/view/CenterForComputing/FourYearCS2023>