

Curriculum Outline: B.S. in Computer Science (Starting Fall 2021)
[CSC]

Freshman Year					
Fall	Cr		Spring		Cr
MAT 118 – Pre-Cal II (*)	3				
CSC 151 – Computer Programming I (**)	4		CSC 152 – Computer Programming II		3
ENG 101 – Written Communication I	3		CSC 120 – Introduction to Computers		3
HIS 106 – World Civil II	3		ENG 102 – Written Communication II		3
HEA 200 – Health Education (or 2 PE)	2		COM 103 – Oral Communication		3
UNI 101 – The Individual and Life	1		BIO 103 – General Biology		4
	16				16
Sophomore Year					
Fall	Cr		Spring		Cr
MAT 151 – Calculus I	4		MAT 152 – Calculus II		4
CSC 204 – Architecture I	3		CSC 205 – Architecture II		3
CSC 251 – Data Structure I	3		CSC 252 – Data Structure II		3
CSC 215 – Discrete Structure	3		SOC 205 – Sociology		3
HUM 201 – Humanity I	3		PSY 203 – Intro to Psychology		3
	16				16
Junior Year					
Fall	Cr		Spring		Cr
CSC 301 – Operating System	3		CSC 308 – Programming Languages		3
CSC 382 – Intro to Cyber Security	3		CSC 570 – Database Management		3
MAT 305 – Probabilistic & Stats	3		MAT 208 – Linear Algebra		3
PHY 203 – Intro to Physics I	3		PHY 204 – Intro to Physics II		3
PHY 215 – Intro to Physics I – Lab	1		PHY 216 – Intro to Physics II – Lab		1
	13				13
Senior Year					
Fall	Cr		Spring		Cr
CSC 404 – Software Design I / Senior Capstone	3		CSC 405 – Software Design II / Senior Capstone		3
CSC 425 – Senior Seminar	3		CSC Elective I		3
CSC 510 – Math Foundation	3		CSC Elective I		3
CSC 571 – Communication Networks	3		CSC Adv. Elective II		3
ENG 218 – Technical Written Comm.	3		CSC Adv. Elective III		3
	15				15

Total: 120 Credit Hours

(*) **MAT 181** Any student not qualifying for MAT 181 (Pre-Calculus II) must start at the appropriate level of mathematics.

(**) **CSC 151** You need to be in at least MAT 117 or higher to take CSC 151.