

**COURSES FOR THE BACHELOR OF SCIENCE
DEGREE IN COMPUTER SCIENCE**

2023 – 2024

FRESHMAN

FALL

SPRING

Course Number	Course Title	Credits		Course Number	Course Title	Credits
CSC 1310	Computer Programming I (GEO)	3		CSC 1311	Computer Programming II (GEO)	3
CSC 2131	Professional Development	1		CSC 1105	CSC Colloquium	1
ENG 1301	Written Communication (GEO)	3		ENG 1305	Written Communication (GEO)	3
MAT 2417	Calculus I	4		MAT 2418	Calculus II	4
BIO	Biological Science (AK/GEO)	3			Information Literacy (GEO)	3
BIO	Biological Sci. Lab (AK/GEO)	1		FYE 1251	First Year Experience II	2
FYE 1250	First Year Experience I	2				

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FALL

SPRING

Course Number	Course Title	Credits		Course Number	Course Title	Credits
	Literature (AK/GEO) (Eng 1305)			MAT 2337	Discrete Mathematics	
	Oral Communications (GEO)	3			Culture & Foreign Language (AK)	3
PHS	Phy. Sci. Elective (AK/GEO)	3			Fine Arts (AK)	3
	Social/Behavioral Science	3			Historical Studies (AK)	3
CSC 2331	Data Structures	3		CSC 2310	Intro to Software Systems	3
CSC 21	LAB Elective	1		CSC 2320	Intro to Hardware Org	3
CSC 2131	Professional Development	0				

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JUNIOR

FALL

SPRING

Course Number	Course Title	Credits		Course Number	Course Title	Credits
PHY 2331	General Physics I	3		PHY 2332	General Physics II	3
PHY 2131	General Physics I Lab	1		PHY 2132	General Physics II Lab	1
MAT 3310	Probability and Statistics	3		MAT 2316	Linear Algebra	3
CSC 3321	Operating Systems	3		CSC 3322	Computer Architecture	3
CSC 3325	Intro to Information Security	3		CSC 3331	Analysis of Algorithms	3
CSC 3355	Database Management	3		CSC	Option Elective	3
CSC 2131	Professional Development	0				

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SENIOR

FALL

SPRING

Course Number	Course Title	Credits		Course Number	Course Title	Credits
CSC 4340	Organ. of Programming Lang.	3		CSC 4388	Systems Design and Development	3
CSC 4350	Software Engineering	3		CSC 43	ADVANCED Elective	3
CSC 4387	Seminar in Computer Science	3			Curricular Theme #1	3
CSC	Option Elective	3			Curricular Theme #2	3
CSC 2131	Professional Development	0				

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117 Credits [May enroll in CSC 2131 for 1 sh or 0 sh; must enroll once per yr while at WSSU]