

**COURSES FOR THE BACHELOR OF
SCIENCE DEGREE IN
INFORMATION TECHNOLOGY
2023 – 2024**

FRESHMAN

FALL

SPRING

Course Number	Course Title	Credits		Course Number	Course Title	Credits
CIT 1310	Computer Program. I (GEO)	3		CIT 1311	Computer Program. II (GEO)	3
CIT 1105	CSC Colloquium	1		CIT 2131	Professional Development	1
ENG 1301	Written Communication (GEO)	3		ENG 1305	Written Communication (GEO)	3
MAT 1313	Pre-Calculus II (AK/GEO)	3			Information Literacy (GEO)	3
	Biological Science (AK/GEO)	3		MAT 2417	Calculus I	4
	Biological Sci. Lab (AK/GEO)	1		FYE 1251	First Year Experience II	2
FYE 1250	First Year Experience I	2				
16				16		

SOPHOMORE

FALL

SPRING

Course Number	Course Title	Credits		Course Number	Course Title	Credits
CIT 1308	Introduction to Programming	3		CIT 2320	Intro to Hardware Org.	3
	Literature(AK/GEO) (Eng 1305)			CIT 2131	Professional Development	0
	Oral Communication (GEO)	3		MAT 2337	Discrete Mathematics	3
	Physical Science (AK/GEO)	3			Fine Arts (AK)	3
AAS 2301	Culture & Foreign Lang. (GEO/AK)	3		HIS 1301	Historical Studies (GEO/AK/CT)	3
					Curricular Theme #1 (His 1301)	
12				12		

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
CIT 2310	Intro to Software Systems	3	CIT 3322	Computer Architecture	3
CIT 3321	Operating Systems	3	CIT 2131	Professional Development	1
CIT 3355	Database Management	3	CIT 4355	Database Design	3
	Social/Behavioral Science	3	MAT 2336	Elementary Statistics	3
				Curricular Theme #2	3

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SENIOR

FALL

SPRING

Course Number	Course Title	Credits	Course Number	Course Title	Credits
CIT 3323	Systems Administration I	3	CIT 4323	Systems Administration II	3
CIT 3332	Internet Systems	3	CIT 4356	Web Programming	3
CIT 4350	Software Engineering	3	CIT 4388	Systems Design & Development	3
CIT 3325	Intro to Information Security	3	CIT 4391	CO-OP	3
CIT 3351	Data Communications	3	CIT 4389	Computer Networks	3
			CIT 2131	Professional Development	1

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