Bachelor of Science – Cyber Security | Software Security
Academic Year 2024 - 2025 --- Typical Course Sequence

Semester 1 FALL 13-14 credits	Semester 2 Spring 15.5 credits	Semester 3 Fall 17 credits	Semester 4 Spring 16.5 credits	Semester 5 Fall 16 credits	Semester 6 Spring 17 credits	Semester 7 Fall 14+ credits	Semester 8 Spring 16+ credits
UN 1015 Composition (3)	UN 1025 Global Issues (3) [f,s,su] OR Modern Language Option	Social Responsibility & Ethical Reasoning (3)	Critical & Creative Thinking (3)	Social & Behavioral Science (3)	Comm. & Composition (HU3120 recommended) (3)		Humanities & Fine Arts (3)
CS 1121 Intro to Programming 1 (3) Or CS 1131 (5)	CS 1122 *Intro to Programming 2 (3)	CS 2321 Data Structures (3)	CS 3141 Team Software Project (3)	HASS Elective (3)	CS 3712 Software Quality Assurance (3)	Senior Project -or- Enterprise -or- Co-op (2)	Senior Project -or- Enterprise -or- Co-op (2)
SAT 1700 Cyber Ethics (3)	CS 2311 *Discrete Structures (3)	SAT 2711 *Linux Fundamentals (3)	CS 3331 #Concurrent Computing (3)	SAT3812 *Cyber Security 1 (3)	Technical Elective (3)	SAT 4283 Information Governance & Risk Mgmt. (3)	CS/EE 4723 Network Security (3)
				CS 3425 #Intro to Database Systems (3)	CS 4321 #Intro to Algorithms (3)	CS 4471 Computer Security (3)	CS 4740 Dev of Trusted Software (3)
	Gen Ed Science with Lab (3+1)	CS 1142 Programming at the HW/SW Interface (3)	CS 3421 Computer Organization (3)	CS 3411 System Programming (3)	CS 4461 Computer Networks (3)	SAT 4816 Digital Forensics (3)	Free Elective 5 – 7 credits total 1000+ no cocurricular
MA 1160 or 1161 Calc 1 (4 or 5)	MA 2320 Elementary Linear Algebra (2)	MA 2720 Statistical Methods (4)	Gen Ed Science (3)		Free Elective 5 – 7 credits total 1000+ no cocurricular	CS 4001 Nat'l Cyber Security Policy & Law (3)	
	Cocurricular ½ credit		Cocurricular ½ credit	Cocurricular 1 credit	Cocurricular 1 credit		

Technical Electives (3)

CS 3000-CS 5999

SAT 3000-5999

EE 3000 – 5999

ENT 3950 (1)
ENT 3960 (1)

HU 3120 – Professional & Technical Communication (3)

SS 3640 Selected Topics in Cyber Law (3)

MIS 4200 – Management of Cyber Security (3)

OSM 4300 Project Management (3)

This degree requires 120 total credits.

See degree audit for a complete summary of degree requirements.

* CS 1121 is a prerequisite for this class
# CS 2311 and CS 2321 are prereqs for this class