

Bachelor of Science – Cyber Security | System & Network Security
Academic Year 2024 – 2025 --- Typical Course Sequence

Semester 1 FALL 13+ credits	Semester 2 Spring 15.5 credits	Semester 3 Fall 17 credits	Semester 4 Spring 15+ credits	Semester 5 Fall 16 credits	Semester 6 Spring 17+ credits	Semester 7 Fall 15+ credits	Semester 8 Spring 14+ credits	Technical Electives (3) ----- ----
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 3000 - 5999
CS 1121 Intro to Programming 1 (3) -or- CS 1131 Accel Intro to Programming (5)	CS 1122 *Intro to Programming 2 (3)	SAT 2711 *Linux Fundamentals (3)	*SAT 3820 Wireless Sys Admin & Security (4)	HASS Elective (3)	SAT 4817 #Security Pen Testing & Audit (3)	Senior Project -or- Enterprise -or- Co-op (2)	Senior Project -or- Enterprise -or- Co-op (2)	SAT 3000 - 5999
SAT 1700 Cyber Ethics (3)	CS 2311 *Discrete Structures (3)	SAT3812 *Cyber Security 1 (3)	SAT 3343 Network Admin 2 (4)	SAT 3611 Infrastructure Service Admin & Security (3)	SAT 4411 Data Ctr Engineering (3)	SAT 4310 Adv. Scripting Programming (3)	SAT 4520 #Machine Learning in Cyber Security (3)	EE 3000 - 5999
	Gen Ed Science with Lab (3+1)	SAT 2343 / 2344 *Network Admin 1 (3+1)	MA 2720 Statistical Methods (4)	SAT 3210 *Database Management (3)	SAT 4812 #Cyber Sec 2 (3)	CS 4001 Nat'l Cyber Security Policy & Law (3)	CS/EE 4723 Network Security (3)	ENT 3950 (1) ENT 3960 (1)
MA 1160 or 1161 Calc 1 (4 or 5)	MA 2320 Elementary Linear Algebra (2)	Gen Ed Science (3)		OSM 4300 Project Management (3)	Technical Elective (3 credits)	SAT 4816 #Digital Forensics (3)	Free Electives 5-7 total 1000+ no cocurriculars	HU 3120 – Professional & Technical Communication (3)
	Cocurricular ½ credit	Cocurricular 1 credit	Cocurricular ½ credit	Cocurricular 1 credit	Free Electives 5-7 total 1000+ no cocurriculars	SAT 4283 Information Governance & Risk Mgmt. (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 course
 # SAT 3812 is a prereq for this course