Bachelor of Science – Cyber Security | System & Network Security
Academic Year 2021 – 2022 --- A Possible Course Sequence

Semester 1 FALL 13+ credits	Semester 2 Spring 16.5 credits	Semester 3 Fall 18 credits	Semester 4 Spring 17 credits	Semester 5 Fall 15+ credits	Semester 6 Spring 16+ credits	Semester 7 Fall 15 credits	Semester 8 Spring 14+ 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 Accel Intro to Programming (5)	CS 1122 Intro to Programming 2 (3)	SAT 2711 Linux Fundamentals (4)	SAT 3343 Network Admin 2 (4)	HASS Elective (3)	CS 4510 Risk Assessment & Incident Response (4)	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 (4)	CS 2321 Data Structures (3)	SAT3812 Cyber Security 1 (3)	OSM 4300 Project Management (3)	SAT 4411 Data Ctr Engineering (3)	CS 4000 Nat'l Cyber Security Policy & Law (3)	CS/EE 4723 Network Security (3)
		SAT 2343 Network Admin 1 (4)	SAT 3820 Wireless Sys Admin & Security (4)	SAT 3210 Database Management (3)	SAT 4812 Cyber Sec 2 (3)	SAT 4816 Digital Forensics (3)	
	Gen Ed Science with Lab (3+1)			SAT 3611 Infrastructure Service Admin & Security (3)	SAT 4817 Security Pen Testing & Audit (3)	Free Electives	Technical Elective (3 or 4 credits)
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	Free Elective	SAT 4310 Adv. Scripting Programming (3)	CS/SAT 4520 Machine Learning in Cyber Security (3)
	Cocurricular ½ credit		Cocurricular ½ credit		Cocurricular 1 credit	Cocurricular 1 credit	

Technical Electives
(3 credits minimum)

CS 3000-CS 5999

SAT 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 121 total credits.