

Academic Program Sequence Map

Program Degree Type and Name: Bachelor of Science in Cybersecurity

Catalog Year: 2025- 2026

Program Level: Undergraduate

Academic Term Type: Semester

* Denote core course with an asterisk and (cc) next to the course number																				
Year and Term: Year 1 Fall term		Credits Per Classification																		
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)		Milestone/Advice												
ENGL111: Written Engl and Lit Studies I	3	x																		
CINQ 101 Critical Inquiry	3	x																		
MATH116: College Algebra	3	x																		
CISC120: Intro Computers & App Software	3	x																		
Gen Ed or ENGL 110	3	x																		
Term Credit Total:		15	15																	
Year and Term: Year 2 Fall term		Credits Per Classification																		
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)		Milestone/Advice												
MATH244: Discrete Structures	3		x			MATH 201														
CISC231: Foundations of Computing II	3	x				CISC 131														
IASP230: Intro to Cybersecurity	3		x																	
Gen Ed	3	x																		
Gen Ed	3	x																		
Term Credit Total:		15	9	6																
Year and Term: Year 3 Fall term		Credits Per Classification																		
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)		Milestone/Advice												
JRSM301 : Junior Seminar	3	x				ENGL112, SPCM110, MATH116														
CISC337: Database Management System	3		x			CISC 231														
IASP355: Pen. Testing & Ethical Hacking	3		x			IASP221														
Gen Ed	3	x																		
Gen Ed	3	x																		
Term credit total:		15	9	6																
Year and Term: Year 4 Fall term		Credits Per Classification																		
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)		Milestone/Advice												
IASP420: Network Security	3		x			CISC335														
IASP455: Sec. & Intel. Programming	3		x			CISC 231 & CISC 339														
Major Elective	3		x																	
Major Elective	3		x																	
Open Elective	3			x																
Term Credit Total:		15		12	3															
Program Totals		Credits: 120			General Education: 60					Major & Major Elective: 48				Open Elective: 12						

Year and Term: Year 1 Spring term		Credits Per Classification																		
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)		Milestone/Advice												
ENGL112: Written Engl and Lit Studies II	3	x				ENGL111														
MATH201: Precalculus	3	x				MATH116 or B or higher in														
CISC131: Foundations of Computing I	3	x			B or higher			GC												
COMM 110: Oral Communication	3	x																		
Gen Ed	3	x																		
Term Credit Total:		15	15																	
Year and Term: Year 2 Spring term		Credits Per Classification																		
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)		Milestone/Advice												
MATH122: Statistics	3	x				MATH 116														
IASP221: Linux Administration	3		x		B or higher	CISC131														
IASP330: Dis. Recovery & Bus. Continuity	3		x			IASP 230														
Gen Ed	3	x																		
Gen Ed	3	x																		
Term Credit Total:		15	9	6																
Year and Term: Year 3 Spring term		Credits Per Classification																		
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)		Milestone/Advice												
CISC385: Cryptography	3		x			MATH244														
CISC335: Computer Network	3		x			CISC231														
IASP340 Security Policy and Procedures	3		x																	
Gen Ed	3	x																		
Open Elective	3			x																
Term Credit Total:		15	3	9	3															
Year and Term: Year 4 Spring term		Credits Per Classification																		
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)		Milestone/Advice												
* IASP470 (cc): Capstone (System Sec.)	3		x			CISC 335 & IASP 355		CA/ELC												
IASP430: Digital Forensics	3		x			IASP 355														
Major Elective	3		x																	
Open Elective	3			x																
Open Elective	3			x																
Term Credit Total:		15		9	6															

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