

Program Degree Type and Name: BS/MS 4+1 in Cybersecurity

Catalog Year: 2026-2027

Program Level: Undergrad/Graduate

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	Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice
(Gen Ed) ENGL111	3	x						(Gen Ed) ENGL112	3	x				ENGL 111	
(Gen Ed) Seminar I: First Year Seminar	3	x						MATH201: Precalculus	3		x			MATH 116	
MATH116: College Algebra	3	x						CISC131: Foundations of Computing I	3		x		B or higher		GC
CISC120: Intro Computers & App Software	3		x					GE: LANG115/LANG116/elective	3	x					
(GE) ENGL110/LANG115/LANG116/elective	3	x						(Gen Ed) Seminar II: Transformative Ideas	3	x					
Term Credit Total:	15	12	3					Term Credit Total:	15	9	6				
Year and Term: Year 2 Fall term		Credits Per Classification													
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice	Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice
MATH244: Discrete Structures	3		x			MATH 201		MATH122: Statistics	3		x			MATH 116	
CISC231: Foundations of Computing II	3		x			CISC/MATH 131		IASP 221: Linux Administration	3		x		B or higher	CISC 131	
IASP230: Intro to Cybersecurity	3		x		B or higher	CISC131		IASP330: Dis. Recovery & Bus. Continuity	3		x			IASP 230	
(Gen Ed) LANG 116/Elective	3	x						(Gen Ed) Scientific Reasoning Group	3	x					
(Gen Ed) Humanities Group	3	x						(Gen Ed) Ethical Reasoning Group	3	x					
Term Credit Total:	15	6	9					Term Credit Total:	15	6	9				
Year and Term: Year 3 Fall term		Credits Per Classification													
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice	Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice
(Gen Ed) Seminar III: Big Problems	3	x				ENGL112		CISC385: Cryptography	3		x			MATH 244, CISC 231	
CISC337: Database Management System	3		x			CISC 231		CISC335: Computer Network	3		x			CISC 231	
IASP355: Pen. Testing & Ethical Hacking	3		x			IASP 221, IASP 230		IASP340 Security Policy and Procedures	3		x				
(Gen Ed) Creative Expression	3	x						Open Elective	3			x			
(Gen Ed) Self and Society	3	x						Major Elective	3		x				
Term credit total:	15	9	6					Term Credit Total:	15		12	3			
Year and Term: Year 4 Fall term		Credits Per Classification													
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice	Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice
IASP420: Network Security	3		x			CISC335		*IASP470 (cc) : Capstone (System Sec.)	3		x			CISC 335, IASP 355	CA/ELC/WBE
IASP455: Sec. & Intel. Programming	3		x			CISC 231 & CISC339		IASP430: Digital Forensics	3		x			IASP 355	
Major Elective/IASP380/IASP395	3		x				WBE	Major Elective	3		x				
IASP 500 Topics in Info. Security	3			x	B+ or higher		4+1	Graduate: Legal/Mgmt Elective Group	3			x			4+1
IASP 505 Found. of Cybersec. Sci.	3			X	B+ or higher		4+1	Graduate: Application or Network Group	3			x			4+1
Term Credit Total:	15		9	6				Term Credit Total:	15		9	6			
Year and Term: Year 5 Fall Term		Credits Per Classification													
Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice	Course Number & Title	CR	GE	Maj	OE	SM	Co / Prerequisite(s)	Milestone/Advice
Graduate: Application or Network Elective	3		x				4+1	IASP 600: Master's Project (Capstone)	3		x			See Note2 below	4+1
Graduate: Special Category Elective	3		x				4+1	Graduate: Major Elective	3		x				4+1
Graduate: Major Category Elective	3		x				4+1	Graduate: Major Elective	3		x				4+1
Term Credit Total:	9		9					Term Credit Total:	9		9				
Program Totals		Credits: 120 UG (additional 18 credits needed for Masters Degree)			General Education: 42			Major & Major Elective: 63			Open Elective: 15 (includes 12 credits towards 4+1)				

Legend: CR: Credits GE: General Education Maj: Major / Major Elective OE: Open Elective SM: Success Marker Co/Prerequisite(s): List of co/ prerequisites for noted course GC: Gateway Courses CA: Career Activity ELC: Experiential Learning Course WBE: Work-Based Experience

Note 2: IASP500, IASP505, and at least one from each {Application, Network and Legal/Management Categories}

