

Academic Program Sequence Map

Mercy University

Program Degree Type and Name: MS in Cybersecurity

Catalog Year: 2026-2027

Program Level: Graduate

Academic Term Type: Semester

<i>* Denote core course with an asterisk and (cc) next to the course number</i>									
Year and Term: Year 1 Fall Term					Year and Term: Year 1 Spring				
Credits Per Classification					Credits Per Classification				
Course Number & Title	CR	Maj	Co/Prerequisite(s)	Milestone/Advice	Course Number & Title	CR	Maj	Co / Prerequisite(s)	Milestone/Advice
*IASP 500 (cc) Topics in Info. Security	3	x			Any Category	3	x		
*IASP 505 Found. of Cybersec. Sci.	3	x			IASP575**	3	x		
Legal/ MGMT Category	3	x			Network Category	3	x		
Term Credit Total:	9	9			Term Credit Total:	9	9		
Year and Term: Year 2 Fall Term					Year and Term: Year 2 Spring				
Credits Per Classification					Credits Per Classification				
Course Number & Title	CR	Maj	Co/Prerequisite(s)	Milestone/Advice	Course Number & Title	CR	Maj	Co / Prerequisite(s)	Milestone/Advice
Special Category	3	x			IASP 600 Master's Project	3	x	See the Note2 below	
Any Category	3	x							
Any Category	3	x							
Term Credit Total:	9	9			Term Credit Total:	3	3		
Program Totals					Master's Project- IASP 600				
Credits: 30					Major: 30				
General Education: N/A									

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: (Major Categories are listed below)

Application Category	IASP520 Data Mining & Knowledge Discovery IASP525 Databases Security IASP530 Forensic Computing IASP565 Social Media & Security IASP 585 Applied Cryptography IASP 575 Cyber Threat Analytics Using AI &M
Network Category	IASP550 Intrusion Detection & Prevention IASP555 Mobile Tech & Wireless Sensor Services IASP560 Wireless Network & Security
Legal/Management Category	IASP510 Social Implication of Info Security IASP540 IT Audit and Compliance IASP580 Security Audit & Compliance
Special Category	IASP590 Internship: Adv Topics in Sec Practice (WBE) IASP595 Special Topics in Info Security IASP 599 Independent Study IASP601 Master's Thesis (ELC)
Major Electives	9 credits can be taken from any of the Application, Network, Legal/Management Category, or Special Category)
Capstone Category	IASP 600 Master's Project

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

****Note 3:** IASP500, IASP505, and at least one from each {Application, Network Categories}