

Academic Program Sequence Map

Mercy University

Program Degree Type and Name: MS in Cybersecurity

Catalog Year: 2024-2025

Program Level: 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				Year and Term: Year 1 Spring		Year and Term: Year 2 Spring	
Course Number & Title	CR	Maj	Co/Prerequisite(s)	Milestone/Advice	Course Number & Title	CR	Maj		
*IASP 500 (cc) Topics in Info. Security	3	x			Any Category	3	x		
*IASP 505 Found. of Cybersec. Sci.	3	x			Application Category	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		Credits Per Classification				Year and Term: Year 2 Spring		Year and Term: Year 2 Spring	
Course Number & Title	CR	Maj	Co/Prerequisite(s)	Milestone/Advice	Course Number & Title	CR	Maj		
Special Category	3	x			IASP 600 Master's Project	3	x		
Any Category	3	x							
Any Category	3	x							
Term Credit Total:	9	9			Term Credit Total:	3	3		
Program Totals		Credits: 30		General Education: N/A		Master's Project- IASP 600		Major: 30	

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

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
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

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Special Category	IASP590 Internship: Adv Topics in Sec Practice IASP595 Special Topics in Info Security IASP 599 Independent Study IASP601 Master's Thesis
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

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Credits Per Classification	
Co / Prerequisite(s)	Milestone/Advice
IASP505	
IASP505	
Credits Per Classification	
Co / Prerequisite(s)	Milestone/Advice
See the Note2 below	

Courses CA: Career Activity ELC: Experiential Learning Course

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

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Office of the Provost Aug 2024