Academic Program Sequence Map

MERCY UNIVERSITY

Program Degree Type and Name: <u>MS in Cybersecurity</u>   **Catalog Year:** <u>2022-2023</u>

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**	**Credits Per Classification**		
Course Number & Title	CR	Maj	Co / Prerequisite(s)	Course Number & Title	CR	Maj	Co / Prerequisite(s)
*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	IASP505
Legal/ MGMT Category	3	x		Network Category	3	x	IASP505
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**	**Credits Per Classification**		
Course Number & Title	CR	Maj	Co / Prerequisite(s)	Course Number & Title	CR	Maj	Co / Prerequisite(s)
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	**Credits: 30**		**General Education: N/A**	**Master's Project- IASP 600**		**Major: 30**	

Legend: Maj: Major / Major Elective   Co/Prerequisite(s): List of co/ prerequites for noted course

Note: (Major Categories are listed below)

		Note 2: IASP500, IASP505, and at least one from each {Application, Network and Legal/Management Categories}
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	
Special Category	IASP590 Internship: Adv Topics in Sec Practice IASP595 Special Topics in Info Security IASP 599 Independent Study IASP601 Master's Thesis	

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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