Atlantis University

PROGRAM BREAKDOWN

Master of Science in Cybersecurity

(30 Graduate Level Semester Credit Hours – Estimated Completion Time 15 months)

Students enrolled in the Masters of Science in Cybersecurity must complete the following for graduation:

- 12 credits from the core courses.
- 15 credits from the technical courses.
- 3 credits for the final capstone project.
- Complete the three (3) co-requisite courses.

COURSE NUMBER	COURSE NAME	CREDIT HOURS
	Core Courses (12 credits).	
MET 510	Network Systems and Technologies	3 credit hours
MET 520	Cloud Computing and Data Analytics	3 credit hours
MET 530	Information Security	3 credit hours
MET 540	Systems Integration and Architecture	3 credit hours
	Technical Courses - 15 Credits	
	Network Security (6 Credits Required): Choose two courses from the below	
MCS 516	Principles of Information Security	3 credit hours
MCS 524	Network, Protocols and Security	3 credit hours
MCS 563	Cloud Security	3 credit hours
MCS 592	Computer Forensics	3 credit hours
	Information Systems (3 Credits Required): Choose two courses from the below	
MBA 671	Information and Technology Systems	3 credit hours
MCS 616	IT Operations	3 credit hours
MCS 672	IT Auditing and Secure Operations	3 credit hours
MIT 537	Risk and Information Systems Control	3 credit hours
	Advanced Security (6 Credits Required): Choose two courses from the below	
MCS 539	Advanced Cryptography	3 credit hours
MCS 655	Information Security and Penetration Testing	3 credit hours
MCS 687	Ethical Hacking and Response	3 credit hours
MIT 547	Information Security Management	3 credit hours
	Final Research Project – 3 credits	
MCS 710	Final project (Capstone)	3 credit hours
	Degree requirements (3 co-requisite courses - No credit): All students must complete the three co-requisite courses as part of the requirement for graduation.	
LIS 400	Information Resources for Academic and Professional Success	3 credit hours
LIS 500	Scholarly Writing and Research Strategies	3 credit hours
LIS 700	Research Methodology	3 credit hours