

# PROGRAM BREAKDOWN

## MASTER OF SCIENCE IN CYBERSECURITY

(30 GRADUATE LEVEL SEMESTER CREDIT HOURS – ESTIMATED COMPLETION TIME: 15 MONTHS)

COURSE NUMBER	COURSE NAME	CREDIT HOURS
MCS 516	Principles of Information Security	3.0 credit hours
MCS 524	Network, Protocols and Security	3.0 credit hours
MCS 539	Applied Cryptography	3.0 credit hours
MCS 563	Cloud Security	3.0 credit hours
MCS 626	IT Operations	3.0 credit hours
MCS 655	Information Security and Penetration Testing	3.0 credit hours
MCS 672	IT Auditing and Secure Operations	3.0 credit hours
MCS 687	Ethical Hacking and Response	3.0 credit hours
MCS 692	Computer Forensics	3.0 credit hours
MCS 710	Applied Capstone Project	3.0 credit hours

