Information Assurance Emphasis Requirements

Core Requirements

- ECCU 500 - *Managing Secure Network Systems (CND) ECCU 501 - *Ethical Hacking and Countermeasures (CEH)
- ECCU 502 - *Investigating Network Intrusions and Computer Forensics (CHFI)
- ECCU 503 - *Security Analysis and Vulnerability Assessment (ESCA)
- ECCU 504 – Foundations of Organizational Behavior for the IT Practitioner
- ECCU 505 – Introduction to Research and Writing for the IT Practitioner
- ECCU 506 - *Conducting Penetration and Security Tests (LPT)

Please select 12 credits from courses listed below:

ECCU 507 - Linux Networking and Security
ECCU 509 - Securing Wireless Networks
ECCU 510 - Secure Programming (ECSP)
ECCU 511 – Global Business Leadership
ECCU 512 - Beyond Business Continuity: Managing Organizational Change
ECCU 515 – Project Management in IT Security
ECCU 517 - Cyber Law

Final Course required ECCU 519 CAPSTONE

Total credits hours required for the MSCS program: 36 Credits

Management Emphasis Requirements

Core Requirements

- ECCU 500 - *Managing Secure Network Systems (CND) ECCU 501 - *Ethical Hacking and Countermeasures (CEH)
- ECCU 502 - *Investigating Network Intrusions and Computer Forensics (CHFI)
- ECCU 503 - *Security Analysis and Vulnerability Assessment (ESCA)
- ECCU 504 – Foundations of Organizational Behavior for the IT Practitioner
- ECCU 505 – Introduction to Research and Writing for the IT Practitioner
- ECCU 506 - *Conducting Penetration and Security Tests (LPT)

Required Management Courses

ECCU 511 - Global Business Leadership
ECCU 512 - Beyond Business Continuity: Managing Organizational Change
ECCU 514 - Quantum Leadership OR MGMT 502 Business Essential

Please select 3 credits from the list below

ECCU 513 - Disaster Recovery (ECRP)
ECCU 515 - Project Management in IT Security
ECCU 516 - The Hacker Mind: Profiling the IT Criminal
ECCU 517 - Cyber Law

Final Course required ECCU 519 CAPSTONE

Total credits hours required for the MSCS program: 36 Credits