



**GRADUATE DEGREE:  
CYBERSECURITY & INFORMATION ASSURANCE (MS)**



**Master of Science (M.S.) in Cybersecurity Information Assurance**

One of the continuing challenges facing society is the security and protection of information assets. In a recent CSI/FBI survey, 92 percent of respondents had detected computer security breaches in the previous year and 75 percent reported financial losses as a result.

The events of September 11 accelerated longstanding concerns about the threat of cyber-terrorism and the vulnerability of the nation's information systems. As a result, there is a recognized need for professionals, who are trained in information security and cybersecurity, to address these critical issues.

**REQUIRED COURSES**

- Computer Network Security
- Network Technology (N+)
- Hardware & Operating Systems
- Database Management Systems
- Info Tech Security & Assurance
- Secure Programming
- Info Technology Governance

**ELECTIVE COURSES (SUGGESTED)**

- Network Security
- Cyberlaw & E-Commerce
- Computer Forensics
- Ethical/Legal Dimensions of Tech
- Proj Mgt for Communications & IS
- Object-Oriented SAD
- Cryptography
- Leadership Skills in IT Proj Mgt
- Managing SW Development in IT
- Proj Mgt for E-Business Applications
- Quality Issues in IT Proj Mgt
- Strategic Planning in IT Proj Mgt

**SAMPLE POSITIONS**

- Cybersecurity Manager
- Cybersecurity Analyst
- Cybersecurity Specialist
- Information Security Analyst
- Information Security Specialist
- Cyber/Info Security Consultant

**FOR MORE INFORMATION**

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