

GRADUATE DEGREE: INFORMATION SECURITY & ASSURANCE (MS)



Master of Science (M.S.) in Information Security and Assurance

One of the continuing challenges facing society is the security and protection of information assets. In a 2003 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 cyberterrorism and the vulnerability of the nation's information systems. As a result, there is a recognized need for professionals trained in information security and assurance to address these 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

- 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

- Information Security Manager
- Information Security Officer
- Information Security Analyst
- Information Security Specialist
- Information Security Engineer
- Information Security Consultant

FOR MORE INFORMATION

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