The Master Of Science In Information Assurance and Cybersecurity

Graduate study in Information Assurance and Cybersecurity is accessible both to students who have completed undergraduate Computer Science or Management Information Science majors or minors and to those with baccalaureate degrees in technical fields with the equivalent of a Computer Science or Management Information Science minor in formal coursework or professional experience. Applicants who do not possess the appropriate academic, technical, or experiential backgrounds may be required to take stem work courses to ensure a minimum standard of technical competence. Stem work decisions are made on an individual basis by the department chair.

For More Information:
cs.shsu.edu/programs

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Graduate Advisor
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Requirements

The Master of Science in Information Assurance and Cybersecurity program has a total of 30 semester credit hours. Students will be required to complete a written comprehensive examination in core subjects where they received a grade of B or lower, before graduation. Students also may be required to supplement their written responses in an oral examination. Students must be enrolled the semester in which they take comprehensive examinations.

Highlights

The MS in Information Assurance and Cybersecurity is designed to provide graduates with the following marketable skills:

- Establish & operate an investigator's lab and process digital evidence.
- Develop plans to safeguard digital files against unauthorized modification and destruction.
- Analyze/asses risk and identify vulnerabilities in an organization's network.

Other Degrees offered through the department of computer science:

- Computing & Data Science, MS
- Digital Forensics, MS
- Digital & Cyber Forensic Science, PhD

Careers

- Cybersecurity Analyst
- Risk Management Specialist
- Red/Blue/Purple Team
- Security Operations Center
- Information Systems Manager
- Computer Network Architect
- Computer Systems Administrator
- Information Security Analyst
- Malware Analyst
- Security Consultant
- IT Management, Director Level, and Chief information Security Officer Positions

Scan for a list of required courses for Information Assurance and Cybersecurity, MS.

Scan for a full list of Computer Science degrees and certificates.

Scan for Career Services’ Focus 2 application, to explore occupations and make informed career decisions.