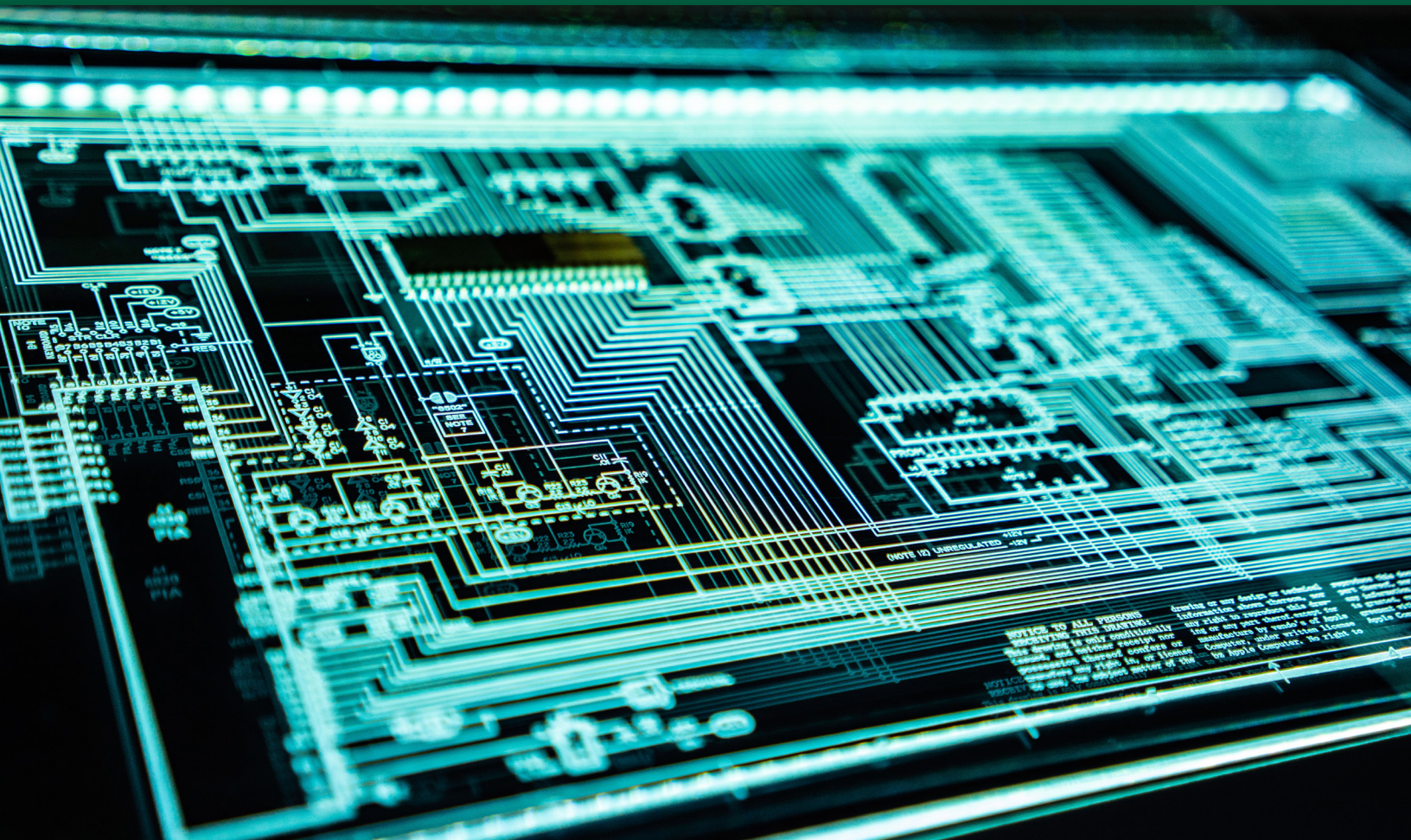## Your Guide to the

MS in Information Assurance and Cybersecurity Management

Security Analyst • Security Consultant • Security Administrator • Penetration Tester • Security Software Developer • Security Specialist • Security Code Auditor • Security Architect • Malware Analyst • Data Protection Officer • Security Incident Responder • Chief Privacy Officer • Risk Manager

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The Master of Science in Information Assurance and Cybersecurity Management prepares students for leadership, managerial and domain-specific roles in cybersecurity. Students should be able to pursue employment in managerial and operational positions that require quick analytical thinking, decision-making under uncertainty regarding critical resources, and domain-specific technical skills for managing secure operations. The degree also prepares students for information assurance positions that require secure management of data in information systems. Students can expect to gain expertise in information security controls, the regulatory environment, information risk management, and incident response.

Because this is a graduate-level major, to ensure that students possess the foundational knowledge for academic success, students admitted to this major are most likely to be successful if they have academic or work experience in the areas of information systems, programming, computer networks, algorithms, and data structures.

About the Program

- This program is 100% online. There are no face-to-face or on-campus meetings or courses.
- Students can complete the program from anywhere in the world. International students do not need a visa.
- The typical student enrolling into the program has two-to-five years of related professional experience.
- Our professors are renowned for their academic and professional accomplishments.
- Ongoing professional development bootcamps presented by faculty and other experts give students an edge above the competition.
- According to "My Florida Future," the median salary of the graduates of this program is $77K one year after graduation. Certain graduates of this program has earned over $100K one year after graduation.

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Coursework

Core Courses (9 Credit Hours)

- **EEL 6787 -** Data Network, Systems, and Security
- **ISM 6577 -** Decision Processes for Business Continuity and Disaster Recovery
- **ISM 6328 -** Information Security & Risk Management

Additional Required Courses (18 Credit Hours)

Students must take the following course:

- **MAT 5932 -** Applied Cryptography

Students must take five out of the following six courses:

- **ISM 6124 -** Advanced Systems Analysis and Design
- **ISM 6145 -** Seminar on Software Testing
- **ISM 6218 -** Advanced Database Management
- **ISM 6316 -** Project Management
- **BUL 5842 -** Risk Management and Legal Compliance
- **ACG 6457 -** Accounting Systems Audit, Control, and Security

Practicum (3 Credit Hours)

Students must take the following course:

- **ISM 6940 -** Practicum for Information Assurance

Admission Requirements

Students are admitted to the program based on the evaluation of their application in its entirety, including:

- Bachelor's degree with a 3.00 GPA
- GRE General Test score (please note that applicants with degrees from accredited U.S. universities or four-year bachelor's degree programs from foreign institutions may request a waiver of the GRE requirement if they have a 3.00 or greater GPA)
- Language proficiency scores (for international students only).
- An essay (between 250-500 words) that describes the student's academic and professional background, reasons for pursuing this degree, and professional goals pertaining to cybersecurity
- Two letters of recommendation, at least one of which should come from a faculty member familiar with the applicant's academic performance and potential. If the applicant is unable to provide the letter from a former professor, with approval from the program's admission coordinator, letters from other professional sources will be accepted
- Current Resume or CV

Preferred Qualifications

- Undergraduate degree in computer science, computer engineering, MIS, or IT
- Background in accounting information systems, database management, and systems analysis and design

Financial Assistance

Florida has one of the lowest costs nationwide of completing an academic degree. Our tuition information can be found at http://usfweb.usf.edu/graduate-studies/tuition-and-fee-calculator/ (enter 'Graduate (Business, Engineering)' in the Program Level drop down menu). The MS in Information Assurance and Cybersecurity Management program is a minimum of 30 credits, not including any outstanding prerequisites.

How to Apply

Applications are submitted online at grad.usf.edu and are evaluated as they are received. Admissions decisions are usually made within four weeks. Non-USF transcripts must be submitted with application.

Application Deadline

Please apply as early as possible. Admission will close once the program reaches capacity.

Fall	Spring	Summer
June 1	October 15	February 15

Please contact International Services at **global.usf.edu/is** for more information on international requirements.

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