

MANAGEMENT OF SECURE INFORMATION SYSTEMS, MS (SCHOOL OF BUSINESS)

Banner Code: BU-MS-MSIS

Graduate Program Office

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Administration

- Candace Deans, Director, MS in Technology Management Program & Co-Director, MS in Management Secure Information Systems Program

The degree, an interdisciplinary program offered by the Volgenau School of Engineering, the School of Business, and the Schar School of Policy and Government, prepares professionals for the challenges of modern computerized information systems that have become increasingly complex and vulnerable to cyber-attacks, resulting in a significant number of government regulations. Consequently, those responsible for the safe, secure, and efficient operation of such systems need to grasp their technical aspects and be familiar with both the principles of management and the public policy impact of regulatory and organizational decisions.

MSIS 614	Financial and Cost Accounting	2
MSIS 620	Economics of Technology Management	2
MSIS 635	Decision Models and Methods	2
MSIS 643	Managerial Finance	2
MSIS 747	Enterprise Information Security Audit	2
MSIS 735	Capstone Project	3
or MSEC 720	Capstone Project in Management of Secure Information Systems	
MSIS 750	Global Practices in Security of Information Systems	3
or MSEC 710	Global Residency	
Total Credits		36

Admissions & Policies

Admissions

All students must have graduate standing. Non-degree student status is not available.

Full eligibility and admission requirements can be viewed online (<http://business.gmu.edu/cyber-security-degree/admissions>).

Requirements

Degree Requirements

Total credits: 36

Required Courses

Code	Title	Credits
MSEC 510	Foundations of Cyber Security	2
MSEC 511	Security Practices in the Enterprise	2
MSEC 520	Networking Principles	2
MSEC 620	Networking Security	2
MSEC 630	Secure Information System Governance, Regulation, and Compliance	2
MSEC 641	Enterprise Security Threats	1
MSEC 642	Enterprise Security Technologies	2
MSEC 650	Seminar: Enterprise Security Case Studies	1
PUBP 610	Organizations, Management, and Work: Theory and Practice	2
PUBP 611	Critical Infrastructure Protection in Theory, Policy and Practice	2
MSIS 611	Leadership and Change Management	2