

SUNY – University of Albany – Graduate Certificate in Information Security

The Graduate Certificate in Information Security program will equip you with the vital tools to fight cyber criminals, defend against hack attacks, and protect information systems in Fortune 500 companies, small businesses, and government agencies. It will also provide you with credentials that will vastly improve job prospects in this fast-growing area.

This program has been designed to help you succeed. It provides essentials of information security and the ability to tailor your coursework to your own personal objectives while allowing flexibility with several courses available in online format. Through this program, we provide:

- Integration of real-world experience from partnerships with industry & law enforcement
- Solid foundation in information security and risk management
- Ability to select advanced courses based on your specific interests and future goals
- Practical experience with hands-on laboratory exercises
- Online learning and face-to-face classroom options
- Active interactions between knowledgeable faculty and your peers
- Regular course and program updates and redesign to remain relevant & fulfill industry needs

The course sequence below is required for completion of the Information Security Graduate Certificate program. Course substitutions may be made based on consultation with the program director and as new courses are developed. The program is very flexible, with multiple courses available online.

Foundation Courses (6 credits):

ITM 604	Data Communications, Computer Networking and Computer Security	(3)
	-OR-	
ITM 644	Introduction to Information & Cyber Security	(3)
ITM 640	Information Security Risk Assessment	(3)

Support Courses (3-9 credits):

ITM 641	Security Policies	(3)
ITM 642	Computer Forensics	(3)
	-OR-	
ACC 553	Digital Forensics	(3)
ITM 643	Incident Handling	(3)
ITM 647	Security Implementation	(3)

Supplement Courses (0-6 credits):

ITM 645	Psychology & Information Security	(3)
ITM 646	Mathematical Models for Information Security	(3)
ITM 691	Field Study in Information Technology Management	(3)
	-OR-	
ITM 695	Independent Study in Information Systems or Information Technology	(3)
ACC 522	Statistical Methods for Forensic Accounting and Assurance	(3)
ACC 581	Internal Controls and Financial Information Systems	(3)

The University of Albany is fully accredited by Middle States Commission on Higher Education.

For additional information contact:

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Additional Information: <http://www.albany.edu/business/cybersecurity-program.php>

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