

# APPLIED CYBER SECURITY GRADUATE CERTIFICATE

**Banner Code:** EC-CERG-ACBS

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Fairfax Campus

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Website: <http://ist.gmu.edu/programs/graduate-programs/>

AIT 701

Cyber Security: Emerging Threats and  
Countermeasures

Total Credits

12

This graduate certificate offers courses in four key elements of cyber security. It is designed for professionals who work for, or in support of, U.S. federal agencies and provides post-bachelor's academic preparation for students who may not wish to complete a full master's degree program as well as for master's graduates who wish to take the topic-specific courses the certificate provides.

The graduate certificate may be pursued on a full or part-time basis.

## Admissions & Policies

### Admissions

Applicants must hold a baccalaureate degree from an accredited institution and have earned a GPA of 3.00 or higher in the last 60 credits.

Students not enrolled in a graduate degree program at Mason should apply for the certificate program through the Office of Graduate Admission. Students already enrolled in a Mason graduate degree program should apply to the department for admission into the certificate program. Admission to the certificate program does not guarantee admission to any MS program.

### Policies

For policies governing all graduate certificate programs, see AP.6 Graduate Policies (<http://catalog.gmu.edu/policies/academic/graduate-policies/#ap-6-8>).

## Requirements

### Certificate Requirements

Total credits: 12

This certificate may be pursued on a full-or part-time basis.

### Coursework

Code	Title	Credits
Select twelve credits from any of the following:		12
AIT 660	Cyber Security Fundamentals	
AIT 670	Cloud Computing Security	
AIT 671	Information System Infrastructure Lifecycle Management	
AIT 672	Identity and Access Management	
AIT 673	Cyber Incident Handling and Response	