

TELECOMMUNICATIONS FORENSICS AND SECURITY GRADUATE CERTIFICATE

Banner Code: VS-CERG-TFAS

Academic Advising

MSN 2B5
4400 University Drive
Fairfax, VA 22030

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Website: ece.gmu.edu/graduate-certificates/certificate-program-telecommunications-forensics-and-security

This graduate certificate is to provide an in-depth understanding of security and forensics as they apply to networks and digital storage media.

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

Requirements

Certificate Requirements

Total credits: 15

Core Courses

TCOM 562	Network Security Fundamentals	3
or ISA 562	Information Security Theory and Practice	
TCOM 515	Internet Protocol Routing: Lecture and Laboratory Course	3
or TCOM 561	Security, Privacy, and Applied Cryptography for Telecommunications	
Select one from the following:		3
TCOM 660	Network Forensics ¹	
TCOM 661	Digital Media Forensics ¹	
TCOM 663	Operations of Intrusion Detection and Forensics ¹	
TCOM 664	Incident Response Forensics ¹	
Total Credits		9

¹ May not be taken twice for credit. If any of these courses is taken in the core element, it cannot be taken again in the elective element.

Electives

Select 6 credits from the following:		6
ISA 562	Information Security Theory and Practice	
TCOM 660	Network Forensics	
TCOM 661	Digital Media Forensics	
TCOM 662	Advanced Secure Networking	
TCOM 663	Operations of Intrusion Detection and Forensics	
TCOM 664	Incident Response Forensics	
Total Credits		6