

# SCIENCE, TECHNOLOGY, AND SECURITY GRADUATE CERTIFICATE

**Banner Code:** PP-CERG-ST5

## Academic Advising

560 Founders Hall  
Arlington Campus

359 Research Hall  
Fairfax Campus

Website: [schar.gmu.edu](http://schar.gmu.edu)

The Schar School of Policy and Government offers certificate programs in conjunction with its master's programs. Students already pursuing a master's degree in the school may, in most cases, after admission to a certificate program, earn an additional six credits (two courses) in Schar to receive a certificate in addition to the master's degree. The certificate in science, technology, and security provides an introduction to the intersection of science and security, covering topics such as the technology of CBRN weapons, proliferation, technical countermeasures, and the role of science and technology in the policy-making process.

The graduate certificate in science, technology, and security may be pursued on a part-time or full-time basis.

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

## Required Courses

Code	Title	Credits
BIOD 706	Nuclear, Biological, and Chemical Weapons Policy and Security	3
BIOD 760	National Security Technology and Policy	3
Total Credits		6

## Electives

Code	Title	Credits
Select three electives from the following:		9
BIOD 604	Emerging Infectious Diseases I: Bacteria and Toxins	
BIOD 605	Emerging Infectious Diseases II: Viral Agents	
BIOD 709	Nonproliferation and Arms Control	
BIOD 725	Terrorism and Weapons of Mass Destruction	
BIOD 751	Biosurveillance	
Other course with prior written approval of program director		
Total Credits		9

## Admissions & Policies

### Admissions

Applicants to all graduate programs must meet the admission standards and application requirements for graduate study as specified in Graduate Admission Policies (<http://catalog.gmu.edu/admissions/graduate-policies/>). Participants must be admitted to a certificate program. Admission requirements are the same as those for the master's programs and may be found on the Schar admissions website (<http://schar.gmu.edu/admissions/>).

### Policies

For policies governing all graduate certificates, see AP.6.8 Requirements for Graduate Certificates (<http://catalog.gmu.edu/policies/academic/graduate-policies/#ap-6-8>).

### Termination from Program

Students admitted to a Schar program will be terminated from that program upon receiving one grade of F and are no longer eligible to take courses in the school. Per university regulation, students are terminated from the university after accumulating grades of F in two courses or 9 credits of unsatisfactory grades in graduate courses. For policies governing all graduate degrees, see Graduate Policies (<http://catalog.gmu.edu/policies/academic/graduate-policies/>).

## Requirements

### Certificate Requirements

Total credits: 15