

# GRADUATE CERTIFICATE IN INTERNATIONAL SCIENCE AND TECHNOLOGY POLICY

Scientific and technological advances provide the basis of international competitiveness and account for the bulk of national growth and the improvement of the quality of life around the world. The ability to create, adapt, and adopt new technologies defines modern societies. In today's global environment, the need for innovation is essential for solving societal problems and staying ahead of competition. Developments in information technology, space exploration, genetic modification, and advances in material science are governed and shaped by institutions that set science and technology policy.

The Elliott School offers a graduate certificate in international science and technology policy, consisting of 18 credits (6 courses), for professionals and students interested in exploring this topic outside their primary field of study.

Visit the program website (<https://elliott.gwu.edu/graduate-certificates/international-science-technology-policy/>) for additional information.

## ADMISSIONS

**Admission deadlines:** Fall: January 7th - Fellowship & Application Deadline

Spring: October 1st - Fellowship & Application Deadline

Applications for admission will continue to be accepted on a rolling basis after the fellowship deadlines have passed, but students will not be considered for fellowships.

**Standardized test scores:** GRE and GMAT scores are not accepted and will not be considered in the review process. Please do not submit scores.

**Recommendations:** Two (2) letters are required. Applicants should submit one (1) academic letter from a professor and one (1) professional reference.

**Prior academic records:** Transcripts are required from all colleges and universities attended, whether or not credit was earned, the program was completed, or the credit appears as transfer credit on another transcript. Unofficial transcripts from all colleges and universities attended should be uploaded to your online application. Official transcripts are required only of applicants who are offered admission and choose to enroll.

If academic records are in a language other than English, English language translations must be provided. The English translations alone should be uploaded into the online application. Official transcripts and certified English translations will be required of applicants who are offered admission and choose to enroll.

**Statement of purpose:** All applicants are required to submit an essay of approximately 500 words that answers one of the two questions below:

State your purpose in undertaking graduate study at the Elliott School. As part of your statement of purpose, describe your academic and research interests, career objectives, how a degree from the Elliott School will enable you to achieve your goals, and what unique skills, talents and/or perspectives you will bring to your program. Please be specific.

OR -

Please discuss an issue of international importance you wish to address in your professional career. Please include how the Elliott School and the academic program to which you have applied will prepare you to address this global issue.

**Additional requirements:** A resumé or curriculum vitae is required. Resumés/CVs must include dates of employment (if applicable) and date of degree conferral or expected degree conferral.

**International applicants only:** PLEASE NOTE: International applicants who require a student visa are not eligible for admission to this program.

International Applicants may be required to submit official English Language tests scores with their application. Please see the Elliott School's English Language Requirements for guidance on whether you need to take the TOEFL/IELTS/PTE. Please send official TOEFL scores to institution code 5246.

The minimum English Language Test Requirements can be found below:

Eligible for Admission & requires EAP Courses:

IELTS- 7.0 overall score, no band score below 6.0

TOEFL- 100 (internet test) 600 (paper test)

PTE- 68

Eligible for Admission & Exempt from EAP Courses\*\*:

IELTS- 7.0 overall score, no band score below 6.5

TOEFL- 105 (internet test) 650 (paper test)

PTE- 72

\*\*Spring applicants must receive at least these scores to be considered for admission.

Please review International Applicant Information carefully for details on required documents, earlier deadlines for applicants requiring an I-20 or DS-2019 from GW, and English language requirements.

Supporting documents not submitted online should be mailed to:

Office of Graduate Admissions  
 The Elliott School of International Affairs  
 The George Washington University  
 1957 E Street, NW, Suite 301  
 Washington, DC 20052

Contact for questions:  
 esiagrad@gwu.edu ~ 202.994.7050 ~ 202.994.9537 (fax)  
 9:00 am – 5:00 pm, Monday through Friday

## REQUIREMENTS

The following requirements must be fulfilled: a minimum of 15 credits, including one 3-credit core course and 12 credits in courses for a self-designed science and technology specialization.

At least four of the five courses required for the certificate must be taught by faculty in the International Science and Technology Policy (ISTP) MA program. The fifth course also can be chosen from this list or from other related University offerings, in consultation with the program director.

Code	Title	Credits
<b>Required</b>		
Core course (3 credits)		
IAFF 6141	International Science and Technology Policy Cornerstone	
Science and technology specialization (12 credits)		
Students work with the program director to develop a self-designed science and technology specialization consisting of four 3-credit courses. At least three of these courses must be selected from the following, which are listed in order of relevance and fit for the ISTP graduate certificate program of study:		
IAFF 6158	Special Topics in International Science and Technology Policy (Economics of Technological Change. Same as ECON 6255)	
IAFF 6143	Science and Technology Policy Analysis	
IAFF 6145	U.S. Space Policy	
IAFF 6146	Space Law	
or LAW 6548	Air and Space Law	
IAFF 6148	Space and National Security	
IAFF 6151	Environmental Policy	
IAFF 6152	Energy Policy	
IAFF 6153	Science, Technology, and National Security	

IAFF 6158	Special Topics in International Science and Technology Policy (Current Issues in Science Diplomacy)
IAFF 6158	Special Topics in International Science and Technology Policy (Issues in Space Policy)
IAFF 6158	Special Topics in International Science and Technology Policy (Economics of Space)
IAFF 6158	Special Topics in International Science and Technology Policy (Science Diplomacy)
IAFF 6158	Special Topics in International Science and Technology Policy (Artificial Intelligence and Policy Challenges)
IAFF 6186	Special Topics in Security Policy Studies (Cybersecurity)
IAFF 6158	Special Topics in International Science and Technology Policy (Science, Technology, and Global Statecraft)