

Space Studies, Graduate Certificate

The Space Studies Graduate Certificate program prepares students to become part of the next generation of leaders who will navigate the rapidly evolving space domain.

This interdisciplinary program unites the university's expertise across science, technology, policy and ethics. The certificate is open to graduate students in the School of Foreign Service (SFS).

Program URL

<https://spacestudies.georgetown.edu/academics/graduate-certificate/>

Certificate overview

By integrating policy analysis with scientific literacy, the space studies graduate certificate will equip students to engage with one of humanity's most dynamic frontiers and to help shape the future of space exploration and governance.

Requirements

The curriculum for the certificate program is designed to provide a comprehensive understanding of space studies through a combination of a foundational course and electives.

Code	Title	Credits
Gateway Course		3
STIA 4005	Foundations of Space Studies	
Electives		12
Commercial Space		
STIA 4321	Rocket Economics	
Space Application Labs		
STIA 4280	Habitable Planet Lab	
Space Humanities/Ethics		
STIA 4408	Justifying Space	
STIA 4416	Spaceflight and Globalization	
Space Policy/Law		
MSFS 5590	Space Policy & Diplomacy	
STIA 4400	Space Diplomacy	
STIA 4410	Cislunar Governance	
Space Security		
MSFS 6521	Space & Society	
SEST 6518	Space Strategy, Policy, & Ops	
SEST 6567	Space Technologies & Security	
SEST 6631	Outer Space/Strat Capabilities	
SEST 6632	Space Policy and Power	
STIA 4406	Space Security + Exploration	
Space Science and Technology		
BIOL 5170	Astrobiology Reading	
ERTH 3360	Environmental Remote Sensing	
or ENIA 501		
ERTH 4010	Environmental GIS	

STIA 4270	Global Migrations and Heath
STIA 4417	Nat'l Lab Space Research Forum
STIA 4418/ PHYS 2020	Astronomy & Astrophysics
STIA 4434	Artificial Intel: Pol Prob
STIA 4554	Remote Sensing

Total Credits **15**