GRADUATE STAND-ALONE CERTIFICATE IN EMERGING TECHNOLOGIES AND PROLIFERATION

The certificate will provide students with an understanding of the strategic implications of specific technological developments within the context of international relations and international security. The courses will provide an overview of nuclear engineering and related technologies and the primary debates in the field of international security concerning new technologies and nuclear proliferation. Students will explore emerging nuclear and other relevant technologies from a strategic and political perspective and also engage with technical systems from an applied perspective.

Code	Title	Credit Hours
One course from International Affairs:		**3**
INTA 8803	Special Topics (Problem of Proliferation)	
INTA 6103	International Security	
One course from Nuclear & Radiological Engineering:		**3**
NRE 6505	Fundamentals of Nuclear Nonproliferation	
NRE 6757	Radiation Detection	
One elective for INTA, NRE or AE:		**3**
INTA 8803	Special Topics (Problem of Proliferation)	
INTA 6103	International Security	
NRE 6757	Radiation Detection	
NRE 6505	Fundamentals of Nuclear Nonproliferation	
AE 6393	Introduction to System of Systems Engineering Principles	
AE 6394	System of Systems Engineering Applications	
Seminar:		**3**
INTA/NRE 6720	Seminar: Politics Tech & Proliferation	
Total Credit Hours		**12**

See more Graduate Certificate Guidelines for more information