

# DOCTOR OF PHILOSOPHY WITH A MAJOR IN INTERNATIONAL AFFAIRS, SCIENCE AND TECHNOLOGY

The PhD in International Affairs, Science and Technology program provides a unique opportunity for students with backgrounds in either social sciences or science and technology to deepen their understanding of international affairs through the advanced study of sub-fields such as international relations theory, international security, international political economy, comparative politics, and methods for social scientific research. There is widespread recognition that a number of important problems in international affairs – such as how to control the proliferation of weapons of mass destruction, or how to promote economic growth in the developing world – cannot properly be understood without an appreciation of the scientific and technological issues involved. At the same time, it is evident that neither the development nor the impact of new technologies is confined within state or national boundaries. Scientific innovation increasingly depends on international collaboration, while the consequences of those innovations, for example in terms of their environmental impact, similarly demand international coordination to be monitored and regulated. Graduates of this research-oriented program will be well placed to embark on careers in academic research, or to move into the policy world where their dual expertise will be rare and highly valued.

The PhD program is founded upon a broad, rigorous, and student-centered curriculum. All students must complete INTA 6102 and INTA 6003. Because students come from a wide range of backgrounds, they may petition to substitute or pass-out of certain core requirements based upon previous experiences and coursework and under the guidance and approval of the dissertation committee. However, reduction in credit is limited to a total of nine credit hours.

Code	Title	Credit Hours
<b>Required Courses</b>		
INTA 6102	International Relations Theory	3
INTA 6003	Empirical Research Methods	3
INTA 9000	Doctoral Thesis	18
<b>Core Courses</b>		
INTA 8010	International Affairs, Science and Technology Ph.D. Proseminar	1
INTA 8000	Seminar in Science, Technology and International Affairs I	3
INTA 8001	Seminar in Science, Technology and International Affairs II	3

### Concentration Tracks

Each of the predesigned tracks includes a core class and two electives. These tracks are considered core classes and must be completed before examinations.

Select two of four concentration tracks from the following:	18
International Affairs and Security	
Globalization and Development	
Comparative and Regional Studies	

Student-created (Unique Track): Graduate Program  
Director- and Faculty-approved Track

<b>Minor</b>	
Select three related INTA 6000/8000-level courses. <sup>1</sup>	9
<b>Advanced Methods or Language Requirement</b>	
Advanced Methods or Language Requirement <sup>2</sup>	0-18
<b>Total Credit Hours</b>	<b>58-76</b>

- Students must complete a minor concentration that focuses on an approved topic in the field of science, technology, and international affairs. This may be satisfied by completing three related INTA courses at the 6000 and 8000 levels in international innovation or security or three courses in other Schools of the Ivan Allen College, or in colleges or interdisciplinary fields of the Institute or elsewhere.
- Students must also satisfy either the language or advanced methods requirement. The language requirement is satisfied through demonstrated competency (reading proficiency only) in one language other than English (equivalent of four semesters of college-level coursework or an equivalent exam). The advanced methods requirement may be satisfied through completion of two semesters of coursework (in addition to core requirements) of advanced statistics, methods, and/or computer science taken either within the School or in other colleges of the Institute.

### Breakdown of Hours Required for Degree

Code	Title	Credit Hours
INTA 9000	Doctoral Thesis	18
INTA 6102	International Relations Theory	3
INTA 6003	Empirical Research Methods	3
INTA 8010	International Affairs, Science and Technology Ph.D. Proseminar	1
INTA 8000/8001	Seminar in Science, Technology and International Affairs I	6
Track courses		18
Minor concentration		9
Advanced Methods or Language Requirement		0-18
<b>Total Credit Hours</b>		<b>58-76</b>

Other requirements for the PhD include admission to candidacy for the degree through a qualification process that includes successful completion of two comprehensive examinations in specified fields of international affairs; submission and oral defense of a Science, Technology, and International Affairs Field Exam Paper on an approved topic; and submission and defense of a dissertation prospectus that must be approved and supervised by the dissertation committee composed of relevant experts in the fields and a member external to the school. Finally, students must complete and successfully defend a doctoral dissertation.