

# PATHWAYS MINORS

# INTEGRATED SECURITY

## What is it?

Using interdisciplinary approaches to the study of security, the Integrated Security minor facilitates the study of complex interactions that take place within and among human, cyber, economic, global, and political dimensions. It enables students to **develop conceptual, analytical and evaluative skills relative to the dynamic and cascading effects of emerging security events, threats, and risks.** Students will learn to exercise decision making with a holistic and integrative understanding of a wide range of security challenges.



## Why do it?



Tomorrow's business organizations as well as political and nongovernmental institutions need innovative people who are ready to address significant global challenges and opportunities in the natural and human world. Students in this minor **take courses that uniquely emphasize an interdisciplinary, experiential, real-world simulation of a rapidly cascading security event.** In addition, students learn how to evaluate the content and intent of multiple sources of information based on context, interpret intercultural experiences from multiple worldviews, and review past decision-making strategies to develop skills applicable far beyond the minor.

## Who is it for?

As the concept of security is inherently interdisciplinary, the minor is designed to be highly accessible to **students of all majors** across the university.

### Pathways Core Concepts

1a - Advanced Discourse  
3 - Reasoning in the Social Sciences  
5f - Foundational Quantitative and Computational Thinking  
Additional concepts possible depending on elective choices

### Pathways Integrative Concepts

Ethical Reasoning  
Intercultural and Global Awareness

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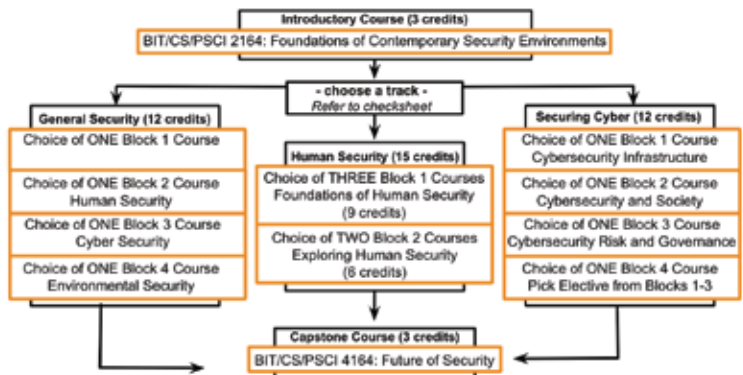
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## Requirements

This 18-hour minor in Integrated Security includes a 3 hour introductory course, 12 hours of elective courses to be selected from 1 of 3 tracks, and a 3 hour capstone course.

## Required courses

BIT/CS/PSCI 2164:  
Foundations of  
Contemporary Security  
Environments  
BIT/CS/PSCI 4164:  
Future of Security:  
Integrative Solutions  
for Complex Security



## Elective courses

Based on their majors and personal career goals, students select 12 credit hours of elective courses from 1 of 3 tracks: general security, securing cyber, and human security. Each track builds upon a theme contained in the foundations course, and each track requires 12-15 hours of courses that incorporate interdisciplinary approaches to security studies. For a complete list of elective courses, consult the checksheet at <https://registrar.vt.edu/graduation-multi-brief/index1.html>.



- Learn about primary security theories across multiple domains of knowledge.
- Consider the issues associated with integrative, experiential security events.
- Experience complex decision-making challenges in time-sensitive circumstances.
- Apply knowledge based on experience to new ideas.

[www.pathways.prov.vt.edu/minors](http://www.pathways.prov.vt.edu/minors)

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