

# CYBERSECURITY MINOR

The Undergraduate Cybersecurity Certificate and Minor provide essential skills and knowledge in Cybersecurity which are in demand in a variety of career tracks from areas such as Business, Computer Science, Information Technology, Diplomacy, Political Science, Psychology and Mathematics.

## What is Cybersecurity?

Cybersecurity is the body of technologies, measures and practices to protect computer and information systems against unauthorized access or attack. Workers with skills and knowledge in cybersecurity are in very high demand in private industry and government. The cybersecurity body of knowledge is interdisciplinary including relevant information from computer science, electrical engineering, information technology, management, psychology, law, and application domains of the computer systems. The program teaches the fundamental skills and knowledge needed by workers in professions that interact with computer and information systems.

## Who should Apply?

Undergraduate students studying Business, Computer Science, Information Technology, Diplomacy, Political Science, Psychology, Mathematics and modern languages are especially suited for the undergraduate cybersecurity certificate. But, anybody who wants an introduction to issues in Cybersecurity may apply.

- My organization needs to set up policy and procedures to ensure the safety of its business data. How can I secure the data?
- How do I prevent intruders from invading my computer systems?
- How is the Internet governed? How do laws and government policy affect the privacy of citizens?
- How does psychology in my organization affect its security?

If you have ever wondered these or similar questions the program is for you. Many positions of employment require a solid understanding of Cybersecurity to lead businesses in a secure way, safeguard the privacy of individuals, address regulatory requirements and protect against malicious activity. If you want to advance your career prospects in areas that interact with computer and information systems, give serious considerations in enrolling in this certificate program.

## Contact Us

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## Curriculum for the Minor

The minor expands the Certificate in Cybersecurity curriculum and adds six more credits to the certificate which can be taken afterwards or concurrently. The additional credits allow students to focus on specific areas of interest and gain an in-depth understanding of these areas. Students may start by declaring the Certificate in Cybersecurity before declaring the Minor.

ISCI 2130	Security+ Prep	3
ISCI 1117	Computing for Informatics	3
PSYC 1216	Industrial/Organizational Psychology	3
<i>Select two: *</i>		6
ISCI 3111	Cybersecurity Law and Policy	
ISCI 4021	Cybersecurity Capstone	
CSAS 3211	Networks and Networking	
BMGT 2501	Principles of Management	
BMGT 4560	Project Management	
BITM 3740	IT Project Management	
BITM 3744	Business Intelligence	
<b>Total Hours</b>		<b>18</b>

\* At least one course must be an ISCI or CSAS course.

Code	Title	Hours
<b>Core Courses:</b>		
ISCI 1110	Cybersecurity Bootcamp	1
ISCI 1120	Network+ Prep	2