

CYBERSECURITY CERTIFICATE

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The Undergraduate Cybersecurity Certificate provides 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.

The certificate is earned by completing 12 course credits. The following courses are required to earn the course credits:

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.

Code	Title	Hours
Core Courses:		
ISCI 1110	Cybersecurity Bootcamp	1
ISCI 1117	Computing for Informatics	3
ISCI 1120	Network+ Prep	2
ISCI 2130	Security+ Prep	3
PSYC 1216	Industrial/Organizational Psychology	3
Total Hours		12

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.

Faculty

Department of Mathematics and Computer Science:

- Manfred Minimair
- Joseph Ingemi
- Shajina Anand

Department of Psychology

- Andrew Simon
- Anthony Caputo

School of Law

- David Opderbeck

Contact Us

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