CYBERSECURITY STUDIES MINOR

Contact:

Laurie Ferger
Program Director
(315) 443-2911
iundergrad@syr.edu

Website:

https://ischool.syracuse.edu/academics/cybersecurity-studies-minor/

Program Description

The Cybersecurity Studies Minor provides students with a comprehensive understanding of cybersecurity concepts, technologies, policies, and related issues, along with an examination of modern challenges and their countermeasures.
The program is designed for students from all majors at Syracuse University, aiming to enhance both their academic and professional paths with cybersecurity knowledge and skills. it requires no prior technical experience, making it accessible to a broad range of students.

1. Identify and analyze security properties, technologies, policies, and current issues in cybersecurity
2. Examine security challenges and vulnerabilities in real-life applications and propose possible countermeasures
3. Develop effective professional communication skills

Curriculum Overview:

Code	Title	Credits
This minor requires 18 credits. Students must complete 12 credits of required courses and 6 additional credits of electives. At least 12 credits must be at the 300-level or above.		
Required Courses		
Students must complete all four classes from the list below, for a total of 12 credits		12
IST 323	Introduction to Cybersecurity	
IST 336	Leading Issues in Cybersecurity	
IST 342	Cybersecurity Policy	
IST 476	Applied Information Security	
Elective Courses		
Students must select 2 courses, or 6 credits, from the list below. If a selected topics course (IST300/IST400), internship (IST471) or independent study (IST490) is selected, it must have a focus in cybersecurity in order to count towards the minor. Other relevant cybersecurity courses offered at SU may be counted as electives for the minor, and students must have the course approved by petition prior to registration.		6
IST 300	Selected Topics	
IST 400	Selected Topics	
IST 402	Digital Forensics	
IST 425	Enterprise Risk Management	
IST 431	Security in a Networked Environment	
IST 471	Internship in Information Management and Technology	
IST 490	Independent Study	
Total Credits		**18**