

# MINOR IN CYBERSECURITY & RISK MANAGEMENT FOR ALL MAJORS



## PROTECT COMPUTER SYSTEMS AGAINST CYBERSECURITY THREATS AND DISASTER

The **Cybersecurity & Risk Management** minor offers a core of courses focused on how computer networks operate and how to identify vulnerabilities in computer systems and secure information systems.

- + Gain knowledge in the rapidly evolving field of Cybersecurity and Risk Management.
- + Develop skills for conducting Cybersecurity testing in order to be part of red teams that help organizations discover and fix the vulnerabilities in their computer systems.
- + Learn how to conduct risk assessment and determine mitigation strategies for handling risk associated with computing assets.

### LEARN HOW TO:

- Conduct cybersecurity reconnaissance, scanning, and penetration testing in order to discover and fix the vulnerabilities in computer systems.
- Conduct risk assessment and determine mitigation strategies for handling risk associated with computing assets.
- Evaluate technical and non-technical measures for protecting the confidentiality, integrity, and availability of IT infrastructure.

### MINOR REQUIRED COURSES: 15 HRS

**BUS 1950** Computer Concepts & Apps for Business  
**OR EGT 1323** Computers for Engineering Technology  
**BAIS 3200** Networking Fundamentals  
**OR CIT 2523** Data Communication Technology  
**BAIS 4850** Systems Security  
**BAIS 4860** Ethical Hacking and Network Defense  
**OSC 4700** Special Topics Operations & Supply Chain Mgmt  
**OR OSC 4830** Risk and Environmental Management

### MINOR ELECTIVE COURSES: 6 HRS



Students will take two additional courses of approved electives for the minor. Scan the QR code for a list of electives in the course catalog.

### QUESTIONS? CONTACT:

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