

## Bachelor of Science

# Cybersecurity

The Bachelor of Science in Cybersecurity will prepare graduates for one of the fastest growing careers in Computing. Students will learn both theories and hands-on skills of software and hardware security tools to design secure systems and protect enterprise information and network assets. Students will gain expertise in investigating computer related crimes and identifying the resources exploited by cyber-criminals and terrorists. They also will learn how to apply standards, models, and best practices to solve real world issues and draft security policies to mitigate risks and threats of today's IT infrastructure.

### Be **EXPERIENCE<sup>D</sup>**

We empower individuals to become passionate, solution-minded Cybersecurity professionals by fostering: continuous innovation, research, leadership development, interdisciplinary problem solving, and real-world experience. The Cybersecurity degree focuses on practical skills that are required by IT security professional positions.

**#3** among the nation's elite institutions for co-op and internships (US News & World Report 2020)

### Be **IMPACTFUL**

UC is a nationally recognized leader in cybersecurity education and cyber operations by the National Security Agency and the Center of Academic Excellence. The University of Cincinnati is home to the **Ohio Cyber Range Institute (OCRI)**.

### Be **INVEST<sup>ED</sup>**

Invest in yourself and your career. Before you graduate, you will build a resume that sets you apart, make connections that can help lead to job offers, learn what you like most about your field, and gain the confidence only experience provides. Students who complete the program will be prepared for a variety of cyber occupations including:

- Digital Forensics Analyst
- Incident Response Specialist
- Intrusion Detection Specialist
- Penetration Tester
- Secure Code Auditor
- Vulnerability Analyst



**\$88,241** average earnings  
for entry level college graduates (US Bureau of  
Labor Statistics, 2019)

**28.5%** Increase in demand in  
employment for this field over the next 10  
years (US Bureau of Labor Statistics, 2019)



We offer over **400 student organizations** and clubs that support a variety of interests. **You're certain to find your niche.** The School of Information Technology offers the following student organizations:

- Cyber@UC
- Information Technology Student Association
- Women in Technology
- Women in Cybersecurity (WiCyS)

**Get involved and take risks. You never know what opportunities may arise from taking chances.**

### Ready to Begin?

For more information about this program or to schedule a visit, please contact a representative:

**Email:** [cechrecruit@uc.edu](mailto:cechrecruit@uc.edu)  
**Phone:** (513) 556- 6308  
**Visit us online:** [cech.uc.edu](http://cech.uc.edu)