

# Bachelor of Science in Cybersecurity



## Earn a Cybersecurity Degree From a Recognized Leader

Every organization has a critical need to maintain cyber and systems security to protect their vital data and operations. As a result, information security is listed among the fastest-growing occupations by the U.S. Bureau of Labor Statistics. Wilmington University's affordable bachelor's degree in Cybersecurity combines academic rigor with optimum flexibility.



### Choose a Cybersecurity Degree of the Highest Standards

For its Cybersecurity degree program, WilmU was named a National Center of Academic Excellence for Information Assurance and Cybersecurity by the National Security Agency and the U.S. Department of Homeland Security.



### Tailor Your Cybersecurity Degree to Meet Career Goals

WilmU's degree in Cybersecurity provides a broad and rich selection of security electives that deliver a foundation in cybersecurity. You can also customize your degree through a Digital Forensics concentration. This undergraduate cybersecurity degree will help prepare you to sit for industry-recognized certifications, including CISA, CISSP, A+, Linux+, Security+ and Network+.



### Cybersecurity Courses Guided by Information Security Leaders

You'll gain expertise through the hands-on application of IT skills, technical lab exercises led by active cybersecurity practitioners, and even interscholastic cybersecurity competitions.

Get started today at [wilmu.edu/Apply](https://wilmu.edu/Apply).



**40 courses** | **120 total credits**  
Finish your Cybersecurity degree  
faster by transferring credits.

**\$1,227**  
**per course**

Cost of a typical 3-credit course



Classes start every 8 weeks.



**WILMINGTON**  
**UNIVERSITY™**

**TECHNOLOGY**

# Bachelor of Science in Cybersecurity

## General Education Requirements (39 Credits)

<input type="checkbox"/> CTA 206 Computer Applications	<input type="checkbox"/> HIS 381 Contemporary Global Issues
<input type="checkbox"/> ECO 105 Fundamentals of Economics	<b>OR</b>
<input type="checkbox"/> ENG 121 English Composition I	<input type="checkbox"/> POL 300 American Politics
<input type="checkbox"/> ENG 122 English Composition II	<input type="checkbox"/> PHI 100 Introduction to Critical Thinking
<input type="checkbox"/> ENG 131 Public Speaking	<input type="checkbox"/> PSY 101 Introduction to Psychology
<input type="checkbox"/> ENG 310 Research Writing	<input type="checkbox"/> Humanities Electives (6 Credits)*
<input type="checkbox"/> MAT 205 Introductory Survey of Mathematics	<input type="checkbox"/> Natural Science Elective (3 Credits)

## Support Core (9 Credits)

<input type="checkbox"/> MAT 200 Pre-Calculus	<input type="checkbox"/> PHI 314 Ethics for Computer Professionals ✓
<input type="checkbox"/> MAT 308 Inferential Statistics ✓	

## Cybersecurity Core (39 Credits)

<input type="checkbox"/> CSC 345 Database Foundations ✓	<input type="checkbox"/> SEC 310 Cryptography: Algorithms and Applications ✓
<input type="checkbox"/> SEC 100 Introduction to Computer Hardware and Operation	<input type="checkbox"/> SEC 335 Linux for Systems Administrators ✓
<input type="checkbox"/> SEC 210 Principles and Practice of Information Security	<input type="checkbox"/> SEC 340 Windows Operating Systems and Systems Administration ✓
<input type="checkbox"/> SEC 230 Introduction to Linux	<input type="checkbox"/> SEC 410 Web and Data Security ✓
<input type="checkbox"/> SEC 235 Networks and Telecommunications	<input type="checkbox"/> SEC 450 Firewalls and Network Security ✓
<input type="checkbox"/> SEC 250 Operating System and Computer Systems Security	<input type="checkbox"/> SEC 480 Experiential Learning in Cybersecurity
<input type="checkbox"/> SEC 290 Introduction to Programming with Python	<b>OR</b>
	<input type="checkbox"/> SEC 490 Computer and Network Security Internship ✓

## Cybersecurity - No Concentration (18 credits)

Students must complete five (5) Security Electives and one free or College of Technology elective in order to satisfy the requirements of the degree. \*\* ✓

<input type="checkbox"/> LES 330 Cyberlaw	<input type="checkbox"/> SEC 435 Advanced Network Management
<input type="checkbox"/> LES 331 Electronic Discovery	<input type="checkbox"/> SEC 440 Network Forensics
<input type="checkbox"/> SEC 240 Foundations in Cyber Investigations	<input type="checkbox"/> SEC 465 Cybersecurity and IoT
<input type="checkbox"/> SEC 305 Psychology of a Cyber Attacker	<input type="checkbox"/> SEC 480 Experiential Learning in Cybersecurity
<input type="checkbox"/> SEC 325 Breaking Down Cloud Security	<input type="checkbox"/> SEC 490 CNS Internship
<input type="checkbox"/> SEC 326 Cloud Architecture, Reliability & Economics	<input type="checkbox"/> SEC 491 CNS Internship
<input type="checkbox"/> SEC 327 Cloud Services & Tools	<input type="checkbox"/> UAV 100 Intro to Drone Operations
<input type="checkbox"/> SEC 328 Cloud Operations & Performance	<input type="checkbox"/> UAV 102 Drone Design and Maintenance
<input type="checkbox"/> SEC 329 Cloud Practitioner Certificate (CPC) Exam Review	<input type="checkbox"/> UAV 200 Security of UAV and UAS Systems
<input type="checkbox"/> SEC 350 Introduction Computer Forensics	
<input type="checkbox"/> SEC 355 Mobile Device Security and Forensics	<input type="checkbox"/> IST 7060 Project and Change Management
<input type="checkbox"/> SEC 360 Advanced Mobile Security and IoT Forensics	<input type="checkbox"/> IST 7100 IT Policy and Strategy
<input type="checkbox"/> SEC 370 Computer Incident Response Course	<input type="checkbox"/> SEC 6080 Industrial Control Systems (ICS) Security
<input type="checkbox"/> SEC 375 Malware Analysis Techniques	<input type="checkbox"/> SEC 6082 SCADA Architecture
<input type="checkbox"/> SEC 420 Data Integrity and Disaster Recovery	<input type="checkbox"/> SEC 6084 SCADA Risk Management and Auditing
<input type="checkbox"/> SEC 425 Ethical Hacking	<input type="checkbox"/> SEC 6086 SCADA Security Awareness and Standards

## Electives

<input type="checkbox"/> 3 Credits of COT Electives from these programs: CSC, CTA, GMD, ISM, MIS, SEC and TEC.	<input type="checkbox"/> 15 Credits of Free Electives †
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## Dual-Credit ADVANTAGE™

SAVE TIME & TUITION

You can apply selected courses (and their credits) in this degree program to a variety of WilmU certificate programs, allowing you to earn a resume-boosting certificate and your bachelor's degree simultaneously. Learn more at [wilmu.edu/DualCredit](http://wilmu.edu/DualCredit).

### Related Dual-Credit Certificates:

- Digital Evidence Discovery
- Digital Evidence Investigation
- SCADA Cybersecurity (*Graduate*)

### Accelerate Your Master's Degree

Replace your free electives with a graduate certificate to get a head start on your master's degree.

### Already have an associate degree?

A WilmU completion degree provides just the courses you need to earn your bachelor's degree.

Look for the ✓ to see typical completion degree courses.

*Prerequisite and additional courses not listed here may be required.*

### Have questions? We're here to help!

Academic Recruiters

(302) 213-3916

[recruiting@wilmu.edu](mailto:recruiting@wilmu.edu)

\*Choose TWO courses from the following: ART, COM 245, CUL, DRA, DSN 110, ETN, HIS 230, HUM, LIT, MUS, PHI, SPA, TEC 215 and VFP 313.

\*\*Choose ONE course from the following: CSC, CTA, GMD, ISM, MIS, SEC and TEC.

† Students with less than 16 transfer credits are required to take FYE 101 as one of their electives.



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