

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 the Cybersecurity degree program, WilmU was named a National Center of Academic Excellence in Information Assurance/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.



Gamify Your Cybersecurity Studies With the Cyber Wildcats

The Cyber Wildcats Club provides immersive, hands-on cybersecurity experiences that ensure our students are always ready for the next challenge. Real-time Capture the Flag (CTF) competitions challenge participants to exploit or defend against security vulnerabilities on a live network, and other club activities provide ample opportunities to hone cybersecurity skills between competitions.



40 courses | 120 total credits

Finish your Cybersecurity degree faster by transferring credits.

\$1,287
per course

Cost of a typical 3-credit course



Classes start every 8 weeks.

Get started today at wilmu.edu/Apply.



WILMINGTON
UNIVERSITY™

TECHNOLOGY

Bachelor of Science in Cybersecurity

General Education Requirements (39 Credits)

<input type="checkbox"/> CTA 260	IT Support Fundamentals I	<input type="checkbox"/> HIS 381	Contemporary Global Issues
<input type="checkbox"/> ECO 105	Fundamentals of Economics	OR	
<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	Precalculus	<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		OR		
			<input type="checkbox"/> SEC 490	Cybersecurity 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	Cybersecurity Internship
<input type="checkbox"/> SEC 326	Cloud Architecture, Reliability & Economics	<input type="checkbox"/> SEC 491	Cybersecurity 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.

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

*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 fewer than 16 transfer credits are required to take FYE 101 as one of their electives.



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