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.

Get started today at **wilmu.edu/Apply**.

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

$1,257
per course
Cost of a typical 3-credit course.

Classes start every 8 weeks.

WILMINGTON
U N I V E R S I T Y™
TECHNOLOGY

Bachelor of Science in Cybersecurity

General Education Requirements (39 Credits)

☐ CTA 206	Computer Applications	
☐ ECO 105	Fundamentals of Economics	
☐ ENG 121	English Composition I	
☐ ENG 122	English Composition II	
☐ ENG 131	Public Speaking	
☐ ENG 310	Research Writing	
☐ MAT 205	Introductory Survey of Mathematics	

☐ HIS 381	Contemporary Global Issues	
OR		
☐ POL 300	American Politics	
☐ PHI 100	Introduction to Critical Thinking	
☐ PSY 101	Introduction to Psychology	
☐ Humanities Electives (6 Credits)*		
☐ Natural Science Elective (3 Credits)		

Support Core (9 Credits)

☐ MAT 200	Precalculus	
☐ MAT 308	Inferential Statistics	✅
☐ PHI 314	Ethics for Computer Professionals	✅

Cybersecurity Core (39 Credits)

☐ CSC 345	Database Foundations	✅
☐ SEC 100	Introduction to Computer Hardware and Operation	
☐ SEC 210	Principles and Practice of Information Security	
☐ SEC 230	Introduction to Linux	
☐ SEC 235	Networks and Telecommunications	
☐ SEC 250	Operating System and Computer Systems Security	
☐ SEC 290	Introduction to Programming With Python	

☐ SEC 310	Cryptography: Algorithms and Applications	✅
☐ SEC 335	Linux for Systems Administrators	✅
☐ SEC 340	Windows Operating Systems and Systems Administration	✅
☐ SEC 410	Web and Data Security	✅
☐ SEC 450	Firewalls and Network Security	✅
☐ SEC 480	Experiential Learning in Cybersecurity	
OR		✅
☐ 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.** ✅

☐ LES 330	Cyberlaw	
☐ LES 331	Electronic Discovery	
☐ SEC 240	Foundations in Cyber Investigations	
☐ SEC 305	Psychology of a Cyber Attacker	
☐ SEC 325	Breaking Down Cloud Security	
☐ SEC 326	Cloud Architecture, Reliability & Economics	
☐ SEC 327	Cloud Services & Tools	
☐ SEC 328	Cloud Operations & Performance	
☐ SEC 329	Cloud Practitioner Certificate (CPC) Exam Review	
☐ SEC 350	Introduction Computer Forensics	
☐ SEC 355	Mobile Device Security and Forensics	
☐ SEC 360	Advanced Mobile Security and IoT Forensics	
☐ SEC 370	Computer Incident Response Course	
☐ SEC 375	Malware Analysis Techniques	
☐ SEC 420	Data Integrity and Disaster Recovery	
☐ SEC 425	Ethical Hacking	

☐ SEC 435	Advanced Network Management	
☐ SEC 440	Network Forensics	
☐ SEC 465	Cybersecurity and IoT	
☐ SEC 480	Experiential Learning in Cybersecurity	
☐ SEC 490	Cybersecurity Internship	
☐ SEC 491	Cybersecurity Internship	
☐ UAV 100	Intro to Drone Operations	
☐ UAV 102	Drone Design and Maintenance	
☐ UAV 200	Security of UAV and UAS Systems	
☐ IST 7060	Project and Change Management	
☐ IST 7100	IT Policy and Strategy	
☐ SEC 6080	Industrial Control Systems (ICS) Security	
☐ SEC 6082	SCADA Architecture	
☐ SEC 6084	SCADA Risk Management and Auditing	
☐ SEC 6086	SCADA Security Awareness and Standards	

Electives

☐ **3 Credits** of COT Electives from these programs: CSC, CTA, GMD, ISM, MIS, SEC and TEC.	☐ **15 Credits** of Free Electives †	