



Bachelor's Degree in CYBERSECURITY

— Protect organizations' valuable assets as a cybersecurity expert

A Bachelor's Degree in Cybersecurity will give you the skills you need to become a valued professional in network security, cybersecurity management, or operations. Students in this program will gain competence in the areas associated with the (ISC)² Certified Information Systems Security Professional (CISSP) exam, and will be prepared for certification exams, such as:

- (ISC)² Certified Cloud Security Professional (CCSP).
- (ISC)² Systems Security Certified Practitioner (SSCP).
- EC-Council Certified Encryption Specialist (ECES).
- EC-Council Certified Incident Handler (ECIH).
- CompTIA A+, Network+, Security+, and Project+.

— Become a hacker's nightmare

A Cybersecurity degree will provide you with a working knowledge of core industry elements, such as computer networking and programming, as well as how to safeguard organizational assets with cutting-edge technical solutions.

You'll learn the skills you need to become a valued expert, including how to protect data and information from cyber threats, differentiate between security models, evaluate network vulnerabilities, and understand the ethical and legal issues surrounding information security.

— Did you know?

The average cost incurred by a U.S. company that suffers a data breach is more than \$8 million, but that drops to \$2.6 million for organizations that have implemented fully automated cybersecurity defense systems. (Forbes.com, Jan. 10, 2020)

Career Opportunities

A CSU Global Bachelor's Degree in Cybersecurity can contribute to your overall career advancement. Organizations of all types – private, public, nonprofit, and beyond – are actively seeking passionate, qualified cybersecurity professionals.

Top Cybersecurity Job Titles

Information Security Analyst

2019 Median Pay: \$99,730

Network Architect

2018 Median Pay: \$112,690

↑ 32%

Employment of Information Security Analysts is projected to grow 32 percent from 2018 to 2028, much faster than the average for all occupations. (bls.gov)

62% More Experts Needed

To meet the growing demand of cybersecurity professionals in the U.S., the workforce needs to grow by 62 percent. (2019 (ISC)² Cybersecurity Workforce Study)

<http://www.bls.gov>

COURSE NUMBER AND TITLE		DEGREE REQUIREMENT	CREDITS
ENG101	Composition I	Gen Ed: Written Communication	3
ENG102	Composition II	Gen Ed: Written Communication	3
MTH122	College Algebra	Gen Ed: Mathematics	3
ENG130	Introduction to Literature	Gen Ed: Arts and Humanities	3
HUM101	Critical Reasoning	Gen Ed: Arts and Humanities	3
HST201	US History I	Gen Ed: History	3
ECN215	Macroeconomic Principles	Gen Ed: Social & Behavioral Sciences	3
POL101	Introduction to Political Science	Gen Ed: Social & Behavioral Sciences	3
BIO201	Public Health and the Environment	Gen Ed: Natural and Physical Sciences	3
PHY101	Introductory Physics with Lab	Gen Ed: Natural and Physical Sciences	4
MTH350	Discrete Mathematics	Program Core	3
ORG300	Applying Leadership Principles	Program Core	3
ITS310	Introduction to Computer-Based Systems	Program Core	3
ITS315	Introduction to Networks	Program Core	3
ITS350	Information Systems and Security	Program Core	3
ITS360	Introduction to Cybersecurity and Digital Crime	Program Core	3
ITS405	Intermediate Networking	Program Core	3
ITS410	Database Management	Program Core	3
ITS411	Principles of Database Security	Program Core	3
ITS415	Principles of Cybersecurity	Program Core	3
ITS425	Ethical Hacking and Penetration Testing	Program Core	3
ITS446	Securing Virtual and Cloud Systems	Program Core	3
ITS455	Digital Forensics and Investigations	Program Core	3
ITS460	Information Security Legal and Ethical Issues	Program Core	3
ITS462	Introduction to IT Auditing	Program Core	3
ITS481	Cybersecurity Capstone	Program Core	3
Number of Elective Credits Remaining			41
TOTAL			120

— Utilize Certificates and Specializations as Building Blocks to Your Degree

You want to earn your Bachelor's Degree in Cybersecurity, and there are many ways to do it. With CSU Global certificates and specializations, you can tailor your program to add more value, expertise in a specific area, and even extra credentials along the way, as you work toward your ultimate goal of graduating with a degree. **Visit [CSUGlobal.edu/paths](https://www.csuglobal.edu/paths) to learn more.**

Here are just a few of the **countless paths** to reach the 120 credits required in a degree:

IT PROJECT MANAGEMENT

- Undergraduate Certificate in Networking
- Specialization in Computer Programming
- Bachelor's Degree in Cybersecurity

CYBERTHREAT MANAGEMENT

- Undergraduate Certificate in Marketing
- Specialization in Web Application Development
- Bachelor's Degree in Cybersecurity

IT OPERATIONS

- Undergraduate Certificate in Information Technology Operations
- Specialization in Criminal Forensics
- Bachelor's Degree in Cybersecurity