Advanced Cyber Security Certificate (Undergraduate)

Turn your technical skills into an Advanced Cybersecurity Certificate

Today's tech-reliant world has created a high-stakes environment in which IT security analysts must stay one step ahead of cyberattackers. Become part of the solution. With our online Advanced Cybersecurity Certificate program, you'll gain the technical knowledge you need to step into the fast-growing field of IT security, helping keep computer systems safe from data breaches and cyberattacks. You can earn the certificate one 5-week course at a time — without putting your job and life on hold.

In this certificate program, you'll study:

- Information assurance
- Systems security
- Risk management
- Cybersecurity
- Enterprise security

Pair this certificate with a Bachelor of Science in Information Technology. You'll get real-life experience through hands-on IT labs and simulations while earning additional credentials to help propel your technology career.

Learn skills employers are looking for

This certificate can help you prepare to sit for the Certified Information Systems Security Professional (CISSP®) and EC-Council’s Certified Secure Computer User (CSCU) certification exams.

Why does that matter? Certifications connect you to a community of cyber professionals so you can collaborate with other experts. They also show employers you’re serious about understanding cybersecurity strategy.

What sets us apart?

When you choose our Advanced Cybersecurity Certificate (Undergraduate), you can:

Learn from IT pros
Our programs integrate real-world IT principles taught by faculty with an average of 26 years of experience in industry roles such as CEOs, CIOs and IT directors.

Finish your degree faster
Transfer eligible college credits or apply to have relevant industry certifications or licenses evaluated for potential credit.

Prepare for your career
Gain IT skills through courses that align with the Certified Information Systems Security Professional (CISSP) and EC-Council’s Certified Secure Computer User (CSCU) certification exams.
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Networking opportunities

Access powerful networking tools through our PhoenixLink™ career services platform. Take advantage of personal career coaching. Search and apply for jobs, or make your resumé visible to employers. And connect with employers and alumni through career fairs and mixers. It's all about connections. And we help you make them.

The goal of accreditation is to ensure that education provided by institutions of higher education meets acceptable levels of quality. Accreditation is your assurance the University meets quality standards.

Institutional accreditation

Regional accreditation is an institution-level accreditation status granted by one of six U.S. regional accrediting bodies. Accreditation by more than one regional accrediting body is not permitted by the U.S. Department of Education.

University of Phoenix is accredited by the Higher Learning Commission (HLC), hlcommission.org. Since 1978, University of Phoenix has been continually accredited by the Higher Learning Commission and its predecessor.
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Required courses: 6

Total credits required: 18

Max. number of transfer credits: 3

Requirements and prerequisites

You'll need 18 credits to complete this certificate program. Credits can be earned through required courses and may vary based on previous experience, training or transferable credits.

Transfer credits

Earn your degree faster. Transfer eligible college credits or, if you have industry or professional certifications such as EC-Council’s Certified Secure Computer User (CSCU) or the Certified Information Systems Security Professional (CISSP®), you can apply to have relevant certifications or licenses evaluated for potential college credit. Industry certifications may help you get credits waived at no additional cost to you. Contact an enrollment representative at 844.YES.UOPX for more information.

Relevant curriculum

Cybersecurity professionals are needed to help protect valuable assets and run secure networks in today's global businesses. Through our relevant curriculum, you can prepare to sit for the Certified Information Systems Security Practitioner (CISSP) or EC-Council’s Certified Secure Computer User (CSCU) industry certification exams.

Core courses

- CMGT230: Fundamentals Of SSCP
- CMGT430: Enterprise Security
- CMGT400: Intro To Information Assurance & Security
- CMGT442: Information Systems Risk Management
- CMGT433: Cyber Security
- CMGT431: Information Systems Security
- CMGT432: Introduction To Cryptography

While widely available, not all programs are available in all locations or in both online and on-campus formats. Please check with a University Enrollment Representative.