

Bachelor of Science in Information Technology with an Advanced Cyber Security Certificate



Approx. program length:

4 years

Credits:

120

Cost per credit:

\$398

[Tuition Guarantee](#)

Format:

Online

Stay steps ahead with cybersecurity expertise

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. Earn a Bachelor of Science in Technology with an Advanced Cybersecurity Certificate. You'll gain the technical foundation to pursue opportunities in the fast-growing field of IT security while taking courses that align with the Certified Information Systems Security Professional (CISSP®) and EC-Council Certified Secure Computer User (CSCU) certification exams.

In this BSIT/ACS program, you'll learn about:

- Information systems security
- Encryption methods and cybersecurity threats
- Network and communications security
- Business stability and disaster recovery planning

You'll take just one 5-week course at a time, so you can balance work and life on the path to your degrees.

What sets us apart?

When you choose our Bachelor of Science in Information Technology with an Advanced Cybersecurity Certificate, you can:

Learn from IT pros

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

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 the EC-Council CSCU certification exams.

[View the gainful employment disclosures for the Advanced Cyber Security Certificate \(Undergraduate\)](#)

[View the gainful employment disclosures for the Bachelor of Science in Information Technology](#)

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Projected job growth:

28%

According to [Bureau of Labor Statistics](#)

Job opportunities

According to the Bureau of Labor Statistics, the job growth for information security analysts is projected to be 28 percent between 2016 and 2026. A Bachelor of Science in Information Technology with an Advanced Cybersecurity Certificate can help prepare you to be an:

- Information security analyst
- Information security specialist

Gain real-world industry skills

Industry certification shows employers you've taken extra steps to gain the skills required for the job. Courses in our programs prepare you to sit for industry certification exams, including Certified Information Systems Security Professional (CISSP®) and EC-Council CSCU certification exams.

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.

Learning outcomes

Along with the knowledge and skills related to the University Learning Goals, students who graduate from the College of Information Systems and Technology should gain program-specific knowledge, skills and abilities. Each college or school creates a set of Program Student Learning Outcomes (PSLOs) to describe the knowledge, skills or attitudes students will possess upon completion of the program of study. By the time you complete your Bachelor of Science in Technology with an Advanced Cybersecurity Certificate, you should be able to perform these [learning outcomes](#).

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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Course length:

5 weeks

Total credits required:

120

Max. number of transfer credits:

90

Requirements and prerequisites

You'll need 120 credits to complete this program. These may be earned through a combination of required and elective courses. Required courses may vary based on previous experience, training or transferable credits. [View general requirements](#)

Transfer credits

Earn your degree faster. [Transfer eligible college credits](#) or, if you have industry or professional certifications such as the Certified Information Systems Security Professional (CISSP®) or EC-Council Certified Secure Computer User (CSCU), 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.

Industry review

Our Industry Advisory Council, comprised of experienced technology leaders, meets regularly to help ensure our educational programs are up to date and aligned with current and emerging industry trends. This is just one more way a University of Phoenix® Bachelor of Science in Information Technology degree can help you develop the skills you'll need in the technology world.

Core courses

- CYB100: Cyber Domain
- CMGT400: Intro To Information Assurance & Security
- CIS207: Information Systems Fundamentals
- DAT305: Data Structures For Problem Solving
- BSA375: Fundamentals Of Business Systems Development
- CYB130: Object-oriented Scripting Language
- DAT390: Database Integration With Other Systems
- DAT380: Advanced Database Architecture
- CMGT410: Project Planning And Implementation
- DAT210: Data Programming Languages
- NTC362: Fundamentals Of Networking
- CYB110: Foundations Of Security
- CYB205: Infrastructure Administration
- PRG211: Algorithms And Logic For Computer Programming
- BSA425: Bsit Capstone

CISSP is a registered trademark of the International Information Systems Security Certification Consortium Inc.

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.