

Approx. program length:

2 years

Credits:

63

Cost per credit:

\$398

[Tuition Guarantee](#)

Format:

Online

Learn key IT security skills

Develop problem-solving tools and techniques to defend the cyber domain through our Associate of Science in Cybersecurity degree. Courses in cybersecurity foundations and network defense align with EC-Council certifications. You'll take just one 5-week course at a time, so you can balance work and life on the path to your degree.

In this cybersecurity program, you'll learn how to:

- Protect all assets of a computer infrastructure in the cyber domain
- Explain security risk assessment and summarize a vulnerability mitigation plan
- Outline technical problems and summarize computing requirements that can solve them

What sets us apart?

When you choose our Associate of Science in Cybersecurity, you can:

Prepare for your career

Coursework aligns with the following EC-Council certifications: Certified Secure Computer User, Certified Network Defender and Certified Ethical Hacker.

Learn from IT pros

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.

Get a degree that fits your life

Designed for working adults, this degree program can be completed in short, manageable 5-week courses so you can balance school and life.

Job opportunities

An Associate of Science in Cybersecurity degree can help prepare you to be a:

- Information security analyst
- Information security officer
- Network and computer system administrator

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, graduates 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 Associate of Science in Cybersecurity, 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.

Course length:

5 weeks

Total credits required:

63

Max. number of transfer credits:

48

Requirements and prerequisites

You'll need 63 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 relevant U.S. Army experience or other industry experience, such as EC-Council Certified Network Defender, you can apply to have that experience evaluated for potential college credit. Industry certifications may help you get courses 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® Associate of Science in Cybersecurity degree can help you develop the skills you'll need in the technology world.

Core courses

- CYB100: Cyber Domain
- CYB233: Ethical Hacking Part 3
- CYB135: Object-oriented Security Scripting
- CYB213: Applied Security Part 2
- CYB231: Ethical Hacking Part 2
- CYB229: Ethical Hacking Part 1
- CYB120: Computer Network Defense Part 1
- CYB130: Object-oriented Scripting Language
- CYB140: Computer Network Defense Part 2
- CYB225: Linux Fundamentals
- CYB150: Computer Network Defense Part 3
- CYB235: Project Ethical Hacking
- CYB207: Risk Frameworks
- CYB227: Sniffing And Network Analysis
- CYB209: Compliance Management, Certification And Accreditation
- CYB110: Foundations Of Security
- CYB205: Infrastructure Administration
- CYB215: Project Cyber Operations
- CYB211: Applied Security Part 1