

# Bachelor of Science in Information Technology with Advanced Networking Certificate



Approx. program length:

**4 years**

Credits:

**120**

Cost per credit:

**\$398**

[Tuition Guarantee](#)

Format:

**Online**

## Network down? Not on your watch.

Learn the skills to keep computer networks up and running with a Bachelor of Science in Information Technology with an Advanced Networking Certificate. This degree program's certificate option allows you to take core courses early in your program. The Advanced Networking Certificate you earn will be an additional credential, helping you move toward your career goals even before you graduate.

In this BS in Information Technology with an Advanced Networking Certificate program, you'll learn to:

- Install, configure and monitor computer networks
- Conduct website performance testing
- Implement network security measures

You can select certificate options or [elective areas](#) that prepare you to sit for industry certifications such as the CompTIA® Cloud+® or Microsoft® MCSA – Administering a SQL Database Infrastructure and Provisioning SQL Databases.

## What sets us apart?

When you choose our Bachelor of Science in Information Technology with an Advanced Networking 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.

### Learn on your schedule

Designed to fit into the lives of busy working adults, this degree program can be completed in short, manageable, 5-week courses.

### Finish your degree faster

Transfer prior college credits or apply to have relevant industry certifications or licenses evaluated for potential credit.

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Projected job growth:

**6%**

According to [Bureau of Labor Statistics](#)

## Job opportunities

According to the Bureau of Labor Statistics, the job growth for network and computer systems administrators is projected to be 6 percent between 2016 and 2026. A Bachelor of Science in Information Technology with an Advanced Networking Certificate can help prepare you to be a:

- Network administrator
- Network coordinator
- Network manager
- Systems administrator
- Computer network specialist
- Network support 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.

These include:

- CompTIA® Cloud+®
- Microsoft® MCSA – Administering a SQL Database Infrastructure and Provisioning SQL Databases

## 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 Information Technology with an Advanced Networking 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](http://hlcommission.org). Since 1978, University of Phoenix has

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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 CompTIA® Cloud+® or Microsoft® MCSA – Administering a SQL Database Infrastructure and Provisioning SQL Databases, 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® BSIT 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

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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.