

Approx. program length:

4 years

Credits:

120

Cost per credit:

\$398

[Tuition Guarantee](#)

Format:

Online & campus

Bachelor of Science in Information Technology

Your IT skills have taken you this far. Our Bachelor of Science in Information Technology is designed to help you leverage that experience and prepare you for your next step, sooner.

Transfer eligible credits you already have and potentially earn even more credits for your existing IT industry certifications and work experience. Then, customize your program with elective tracks and certificates in Cyber Network Defense, Advanced Software Developer and more. See the full list of options in the Specializations section.

Top skills learned in this program:

- Business Process
- Cybersecurity
- Information Systems
- Operations
- Systems Analysis

Projected job growth:

16%

According to [Bureau of Labor Statistics](#)

What can you do with a bachelor of information technology?

A BSIT can help prepare you to be a:

- Information technology director
- Information systems director
- Information systems supervisor
- Information systems manager
- Information technology manager

According to the [Bureau of Labor Statistics](#), job growth for computer and information systems managers is projected to be much faster than average between 2021 and 2031.

BLS projections are not specific to University of Phoenix students or graduates.

Total credits required:

120

Requirements and prerequisites

You'll need 120 credits to complete the Bachelor of Science in Information Technology program. Your course schedule may vary based on transferable credits or credits earned through the University's Prior Learning Assessment.

17 Core Courses

Here's where you'll pick up the bulk of your program-specific knowledge. By the time you finish these courses, you should have the confidence and skills needed in this field.

- CIS/207T: Information Systems Fundamentals
- CYB/100: Cyber Domain
- CYB/110: Foundations of Security
- PRG/211: Algorithms and Logic for Computer Programming
- CYB/130T: Object-Oriented Scripting Language
- CYB/205: Infrastructure Administration
- DAT/210: Data Programming Languages
- NTC/362: Fundamentals of Networking
- DAT/305: Data Structures for Problem Solving
- BSA/375: Fundamentals of Business Systems Development
- BSA/385: Intro to Software Engineering
- CMGT/410: Project Planning and Implementation
- NTC/300: Cloud Technologies
- NTC/302: Network Web Services
- DAT/380: Advanced Database Architecture
- DAT/390: Database Integration with Other Systems
- BSA/425: BSIT Capstone

15 General Education

These courses lay the foundation for all our degree programs. Because communication, math and writing skills aren't just universally applicable in this field — they're useful in daily life.

- GEN/201: Foundations for University Success
- PSY/110: Psychology of Learning
- ENG/110: English Composition I
- HUM/115: Critical Thinking in Everyday Life
- FP/100T: Everyday Economics and Finances
- ENG/210: English Composition II
- BIS/221T: Introduction to Computer Applications and Systems
- SOC/110: Teamwork, Collaboration, and Conflict Resolution
- SCI/163T: Elements of Health and Wellness
- CIS/291: PC and Device Fundamentals
- CIS/293: Network Troubleshooting and Support
- CIS/295: Introduction to PC and Mobile Operating Systems
- CIS/297: Computer Security and Operational Support Fundamentals
- MTH/219T: Introduction to College Algebra
- MTH/220T: College Algebra

8 Electives

Elective courses allow you to learn about topics you're interested in. That means you'll have a degree that's unique to you and your education goals.

- COM/295T: Business Communications
- NTC/248T: Foundations of Networking
- NTC/260: Foundations of Cloud Services
- WEB/240: Web Design Fundamentals
- BSA/250: Foundations of Data Analytics
- CYB/320: Global Cyber Ethics
- NTC/364: NETWORK TECHNOLOGIES
- CYB/405: Information Systems Governance

Schedule

Both the on-campus and online Bachelor of Information Technology feature the same courses, and your academic counselor will help you schedule them.

If you are located in Phoenix, this program may be offered as Blended. This means you'll start at the Phoenix campus to complete your general education courses, and then transition to online learning for your core program courses.

What you'll learn

When you earn your bachelor of information technology online or on campus, you'll be equipped with a concrete set of skills you can apply on the job.

You'll learn how to:

- Apply key principles of systems analysis and design to selected business processes within the organization in order to implement effective information systems.
- Design selected network and cloud infrastructures that will comply with key requirements of accepted industry best practices to improve organizational network operation.
- Design and develop key database models aligning with business requirements for storage, retrieval and use of data.
- Implement cybersecurity solutions that comply with global governance best practices.
- Demonstrate an ability to evaluate, design, and implement application programs to meet business processes.

Tailor your program to your career by adding a certificate onto your degree. Options include: