

Bachelor of Science

CYBERSECURITY AND NETWORKING

PROGRAM LENGTH: 36 MONTHS

SCHOOL OF TECHNOLOGY

Launch a new career in computer networking and cybersecurity

In today's computerized world, companies need to stay connected and secure. You could launch a rewarding new career by helping run day-to-day computer operations at almost any kind of organization. With the right degree in cybersecurity and networking, you could become an integral part of the IT team.

Program objectives

Our bachelor's degree program in cybersecurity and networking could give you the expertise, skills, and foundation you need to launch a successful high-tech career. By graduating from this program, you may become an IT professional with wide-ranging practical and theoretical knowledge. You'll be prepared to help guide the future of programming and networking.

With a cybersecurity and networking degree, you could work in a variety of settings. These days, practically every company and organization relies on computers to carry out their work, and you can help them stay connected and secure.

Why choose Independence University?

Independence University provides the degree you need for the life you want—on your terms and on your schedule. Our online learning model allows you the freedom to pursue your degree whenever and wherever it's most convenient for you.

Our degree programs are career-focused, without elective courses that you don't need or want. Complete your bachelor of science degree in as few as 36 months!

IU is different from other online schools. We combine the student services and support you'd expect from a traditional, classroom-based university with the flexibility of online delivery, so you can get the ultra-personalized support you need from enrollment to graduation and beyond.

Skills gained

- Information security management
- Ethical hacking
- Computer forensics
- Computer servicing
- Security concepts
- Network communications
- Operating systems
- Cryptography
- Computer forensics

Possible careers

- Network administrator
- Systems analyst
- Project manager
- Security expert
- Entrepreneur

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Course Name	Credits
Computer Fundamentals	3.5
Databases	3.5
Capstone	4.0
Psychology of Motivation	4.0
Professional Development	4.0
Computer Law	4.0
Information Security Management	3.5
Ethical Hacking	3.5
Threats and Defense Mechanisms	3.5
Introduction to Cryptography	3.5
Computer Forensics	3.5
Management Principles	4.0
Entrepreneurship	4.0
Computer Servicing I	3.0
Computer Servicing II	3.5
Server Administration I	3.5
Server Administration II	3.5
Server Administration III	3.5
Networking Concepts I	3.5

Course Name	Credits
Networking Concepts II	3.5
Security Concepts I	3.5
Security Concepts II	3.5
Network Communications I	3.5
Network Communications II	3.5
Cloud/Mobile Computing Concepts	3.5
Network Communications III	3.5
Network Communications IV	3.5
Information Storage I	3.5
Information Storage II	3.5
Introduction to Operating Systems	4.0
Linux Operating System I	3.5
General Operating Systems	3.5
Electronic Communication Management	3.5
Linux Operating System II	3.5
Solutions Concepts	3.5
Programming Logic and Design I	3.5
Database Programming I	3.5

Course Name	Credits
General education courses:	
Communication and Public Speaking	4.0
Economics	4.0
Economic Principles	4.0
English Composition	4.0
Advanced Interpersonal Communication	4.0
Ethics	4.0
America Civilization	4.0
College Algebra	4.0
Critical Thinking	4.0
Psychology	4.0
World Cultures	4.0
Statistics	4.0
Total minimum number of credits:	180.5