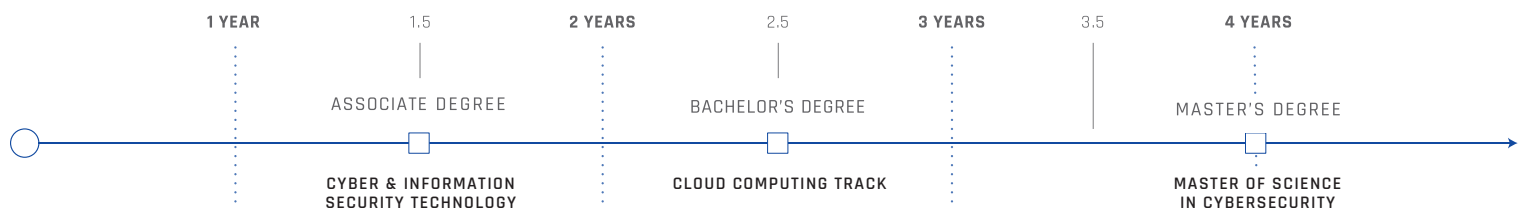# ⚛ CLOUD COMPUTING

Cloud computing or software services provided across the internet are ushering in a wave of new opportunities to help businesses become more flexible, efficient and agile. By providing infrastructures, platforms and software as a service, cloud computing allows users to access and implement important business and technology tools whenever and wherever they need.

If you're interested in pursuing a career in the emerging field of Cloud Computing, consider ECPI University. Through ECPI's accelerated schedule, you could earn a Bachelor of Science Degree in Computer and Information Science with a major in Cyber and Information Security Technology and a track in Cloud Computing in as little as 2.5 years.

1 YEAR	1.5	2 YEARS	2.5	3 YEARS	3.5	4 YEARS
	ASSOCIATE DEGREE		BACHELOR'S DEGREE			MASTER'S DEGREE
	CYBER & INFORMATION SECURITY TECHNOLOGY		CLOUD COMPUTING TRACK			MASTER OF SCIENCE IN CYBERSECURITY

Outcomes

Upon successful completion of the Bachelor of Science in Computer and Information Science with a major in Cyber and Information Security Technology, graduates are able to:

Computer and Information Science Outcomes:
‣ Use processes, tools, and technologies to support an organization
‣ Lead and work as a member of a technical team
‣ Apply written, oral, and graphical communication in both technical and non-technical environments
‣ Identify and use appropriate technical literature
‣ Engage in continuous professional development through user groups, associations, conferences, readings, research, and other channels
‣ Develop and use ethical best practices in the maintenance and security of information and systems

Cyber and Information Security Technology Major Outcomes:
‣ Plan, design, configure and administer a network and security infrastructure
‣ Maintain, monitor, and troubleshoot a network and security infrastructure
‣ Assess and implement technical and non-technical security controls to protect an organization from threats and vulnerabilities

Possible Career Track

Upon completion, graduates with a Bachelor of Science Degree in Computer and Information Science with a major in Cyber and Information Security Technology and a track in Cloud Computing could pursue career opportunities across a wide range of industries and businesses in positions such as:

‣ Network and Datacenter Administrator
‣ Network Infrastructure Support
‣ Storage Technology Manager
‣ Virtual Server Administrator
‣ Information Technology Solution Providers
‣ Network Implementation Team
‣ Network Support and Help Desks

ecpi UNIVERSITY

CLOUD COMPUTING TRACK
BACHELOR OF SCIENCE DEGREE

To receive a Bachelor's Degree in Computer and Information Science with a Major in Cyber and Information Security Technology - Cloud Computing Track, students must earn 120 semester credit hours. The program requires a minimum of eight semesters or 30 months of instruction.

Program Requirements are as follows:

CORE CURRICULUM
28 SEMESTER CREDIT HOURS

	CREDITS
Introduction to Business	3
Applied Project Management	3
Applied Project Management LAB	1
Fundamentals of Customer Service OR Introduction to Scripting	3
Logic and Design	3
Introduction to Cloud Solutions	3
Introduction to Networking	3
Linux Administration	3
Principles of Cybersecurity	3
Introduction to Databases	3

ARTS AND SCIENCES*
31 SEMESTER CREDIT HOURS

	CREDITS
Arts and Sciences Capstone	3
Principles of Communication	3
College Composition	3
Advanced Composition	3
Culture and Diversity	3
College Algebra	3
Statistics	3
ONE PAIR OF THE FOLLOWING	
Physics	3
Physics LAB	1
Environmental Biology	3
Environmental Biology LAB	1
Introduction to Psychology	3
Positive Psychology	3

*For allowable substitutions of arts and sciences courses, see the Arts and Sciences Department page

SELF INTEGRATION
9 SEMESTER CREDIT HOURS

	CREDITS
Introduction to Operating Systems	3
Computer Applications	3
Career Orientation Seminar	0
Essentials for Success	3

CYBER AND INFORMATION SECURITY TECHNOLOGY
37 SEMESTER CREDIT HOURS

Introduction to Routing and Switching	3
Introduction to Routing and Switching LAB	1
Intermediate Routing and Switching	3
Routing and Switching LAB	1
Network Protocols and Services	3
Windows Client and Server	3
Windows Client and Server LAB	1
Advanced Windows Server	3
Windows Active Directory	3
Windows Active Directory LAB	1
Network Scripting	3
Ethical Hacking	3
Advanced Defense and Countermeasures	3
Cyber and Network Security Capstone OR Bachelor's Externship-CIS	3
Computer Configuration I	3

CLOUD COMPUTING TRACK
15 SEMESTER CREDIT HOURS

Storage Area Networks and Disaster Recovery	3
Storage Area Networks and Disaster Recovery LAB	1
Network Virtualization Fundamentals	3
Network Virtualization Fundamentals LAB	1
Advanced Linux Administration	3
Network Virtualization Administration	3
Network Virtualization Administration LAB	1

SEMESTER CREDIT HOURS   120

B95775995-040323-REVC

START DATE _____

ORIENTATION _____

COMPUTER & INFORMATION SCIENCE
PROGRAM DEGREES

Tuition Includes

- Tutoring
- Parking fees
- Graduate employment services
- Externships (if applicable)
- Subsidized certification vouchers
- Full- and part-time job assistance while attending school

Application Fee	$15 non-refundable, one-time charge
Registration Fee	$100
Monthly Payment	Monthly payments are determined after all federal grants and loans, scholarships, and alternative loans are applied.

What You Need

- Complete FAFSA online at fafsa.gov (for help go to: ecpi.edu/fa)
- 3 references

BACHELOR'S DEGREE
SOFTWARE DEVELOPMENT MAJOR

- Mobile Development
- Web Design & Development
- Data Analytics
- Software Development

CYBER & INFORMATION SECURITY TECHNOLOGY MAJOR

- Cloud Computing
- Cyber & Information Security Technology
- Accelerated Cyber & Information Security Technology (Degree Completion)
- Cybersecurity
- Digital Forensics Technology

ASSOCIATE DEGREE
AS (VA & NC) AAS (SC)

- Cyber & Information Security Technology
- Software Development

*Programs offered vary by campus location.

Program Cost

- Associate = 5 semesters x $8,712 = $43,560 (est.)
- Bachelor's = 8 semesters x $8,712 = $69,696 (est.)
- Accelerated Bachelor's = 4 semesters x $8,712 = $34,848* (est.)
- ECPI semester = 15 weeks consisting of three 5-week terms
- Technology fee = $480.00 per semester
- ECPI University reserves the right to make changes in tuition and fees without further notice.

*Cost will vary by individual student's final transfer credits. Final cost will be calculated at time of enrollment.

FAFSA

- Pell Grant
- SEOG Grant
- Work Study
- Sub Loans
- Unsub Loans
- Plus Loans
- Alternative Loans
- Cash Payments
- Scholarships
- Tuition Assistance
- Veterans Aid
- VOC Rehab
- State Aid