Northeastern
ILLINOIS UNIVERSITY

CYBERSECURITY
BACHELOR OF SCIENCE

HYBRID

CONTACT PERSON(S):

College of Business and Technology
Office of Program Advising
Phone: (773) 442-6111
E-mail: CBT-UG@neiu.edu

ADDRESS:
Northeastern Illinois University
5500 N. St. Louis Ave
Chicago, IL 60625

WEBSITE:
https://www.neiu.edu/academics/
college-of-business-and-
technology/departments/computer-
science/cybersecurity-bs

REQUIRED COURSES:

CS-200 Programming Fundamentals	4 cr.
CS-201 Discrete Structures	3 cr.
CS-323 Cyberlaw	3 cr.
CS-207 Object-Oriented Programming And Data Structures	5 cr.
CS-260 Computer Security	3 cr.
CS-331 Computer Networks	3 cr.
CS-315 Modern Database Management	3 cr.
CS-324 Introduction To The Design Of Algorithms	3 cr.
CS-355 Cryptography	3 cr.
CS-308 Operating Systems	3 cr.
CS-360 CyberSecurity	3 cr.
CS-362 Digital Forensics	3 cr.
CS-345 Network Security	3 cr.

Select two from the following:	6 cr.

CS-349 Introduction To The Internet Of Things
CS-359 Machine Learning
CS-301 Computer Organization
CS-319 Writing Intensive Program: Fundamentals Of Software Engineering
CS-314 Independent Study In Computer Science or any CS 300-level courses, approved by the Computer Science Department

This program prepares students to be professional in the realm of cybersecurity. Students will gain expertise in areas such as cryptography, network security, digital forensics, and incident response through hands-on labs and real-world projects. Upon completion, graduates will be well-prepared to enter the cybersecurity workforce or pursue advanced studies, equipped with the skills and knowledge needed to tackle emerging cyber threats and safeguard digital assets effectively.

TARGET AUDIENCE:
Students with an AA/AS or a minimum of 60 semester hours and are interested in careers in cybersecurity, e.g., network security engineers, crypto analysts, cybersecurity specialists, digital forensic and cybercrime analysts, and ethical hackers.

Adult students with computing related backgrounds, and especially armed services veterans are also highly welcome.

COST:
$430.95 per credit hour
Out-of-State Tuition: $861.90 per credit hour
Tuition and fees are subject to change without notice.

REGISTRATION PROCEDURE:
Once you have been admitted to Northeastern Illinois University, Contact CBT Office of Program Advising, CBT-UG@neiu.edu. Our advisors will help you declare a major in Cybersecurity, create a plan of study for you, and assist you in registering for classes.

ACADEMIC CALENDAR:
Fall classes begin in August and Spring classes begin in January. For more information, please visit NEIU Academic Calendar: https://www.neiu.edu/academics/registrar-services/academic-calendar

TRANSFER HOURS POLICY:
A maximum of 64 semester hours may be transferred to NEIU from a community college.

FINANCIAL AID INFO:
https://www.neiu.edu/financial-aid/contact-financial-aid

SPECIAL CHARACTERISTICS:
Students must have earned a minimum cumulative grade point average of 2.0 or higher for all college or university course work attempted. Students must be in good academic standing at the last college or university attended. Required documents are an application for admission, $30 nonrefundable application fee, and official transcripts from all colleges or universities attended.