MONTCLAIR
STATE UNIVERSITY

COLLEGE OF SCIENCE AND MATHEMATICS

MS in Cybersecurity

Master of Science in Cybersecurity

The STEM-designated MS degree in Cybersecurity at Montclair State University trains students on a broad range of security related topics with hands-on experience and preps them to be part of the next generation Cybersecurity workforce to meet the growing demand for Cybersecurity professionals in industry, academia and government agencies. In addition, students will have a unique opportunity of doing research on related security projects.

This is a 30-credit program offering both fall and spring start dates.

> " Montclair State University's inclusive community and unwavering support have truly made my academic journey extraordinary. Coming from a background in Communication Studies, transitioning to pursue a Master's in Cybersecurity seemed daunting, but Montclair State University embraced me with open arms, providing the guidance and resources I needed to chase my dreams.

Yaa - Ghana
Cybersecurity student

$112,000 average salary for cybersecurity professionals in 2022

U.S. Bureau of Labor Statistics 2022

#88 top public schools
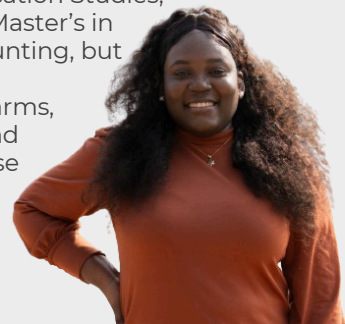
U.S. News & World Report 2023, Top Public Colleges and Universities

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20 kilometers from New York City

120+ student clubs and organizations

Program Highlights

- STEM-designated (eligible for 3 years of OPT)
- Comprehensive and affordable
- Students gain state-of-the-art cybersecurity skills to meet the demands of fast-growing industry
- Flexible curriculum taught by prominent faculty
- Opportunity to work on cutting-edge research projects
- Access to modern infrastructure and computing equipment in the Center for Computing and Information Science
- Designed to accommodate professionals from diverse academic backgrounds

Career Outcomes

Cybersecurity graduates can go into a wide range of fields. Some of the most common fields or career outcomes are:

- Computer security
- Network security
- Risk management
- Compliance
- IT auditing
- Security consultant
- Forensic computer analyst
- Information security analyst
- Security architect
- Engineer or systems administrator

Sample Courses

This **30-credit program** consists of many course options to choose from that will help you gain the skills and knowledge you need to help you succeed in your future career.

- Computer Networks
- Operating Systems
- Computer Security
- Information Security Management
- Cryptography
- Principles of Secure Programming
- Network Security
- Web Security
- Computer Forensics
- Computer Algorithms and Analysis
- Cyberlaw
- Research Methods in Computing
- Master's Project (or)
- Master's Thesis

Admission Requirements

- Application
- Application fee
- NACES transcript evaluation
- English proficiency test score
- Personal statement
- Resume
- Two letters of recommendation

NOTE: Our MS in Cybersecurity program welcomes students from various academic backgrounds. Admitted students without a background in the field will take bridge coursework (prerequisites) as assigned by the department. You can be assigned anywhere from 4-16 credits of prerequisite work depending on your background.

APPLY NOW