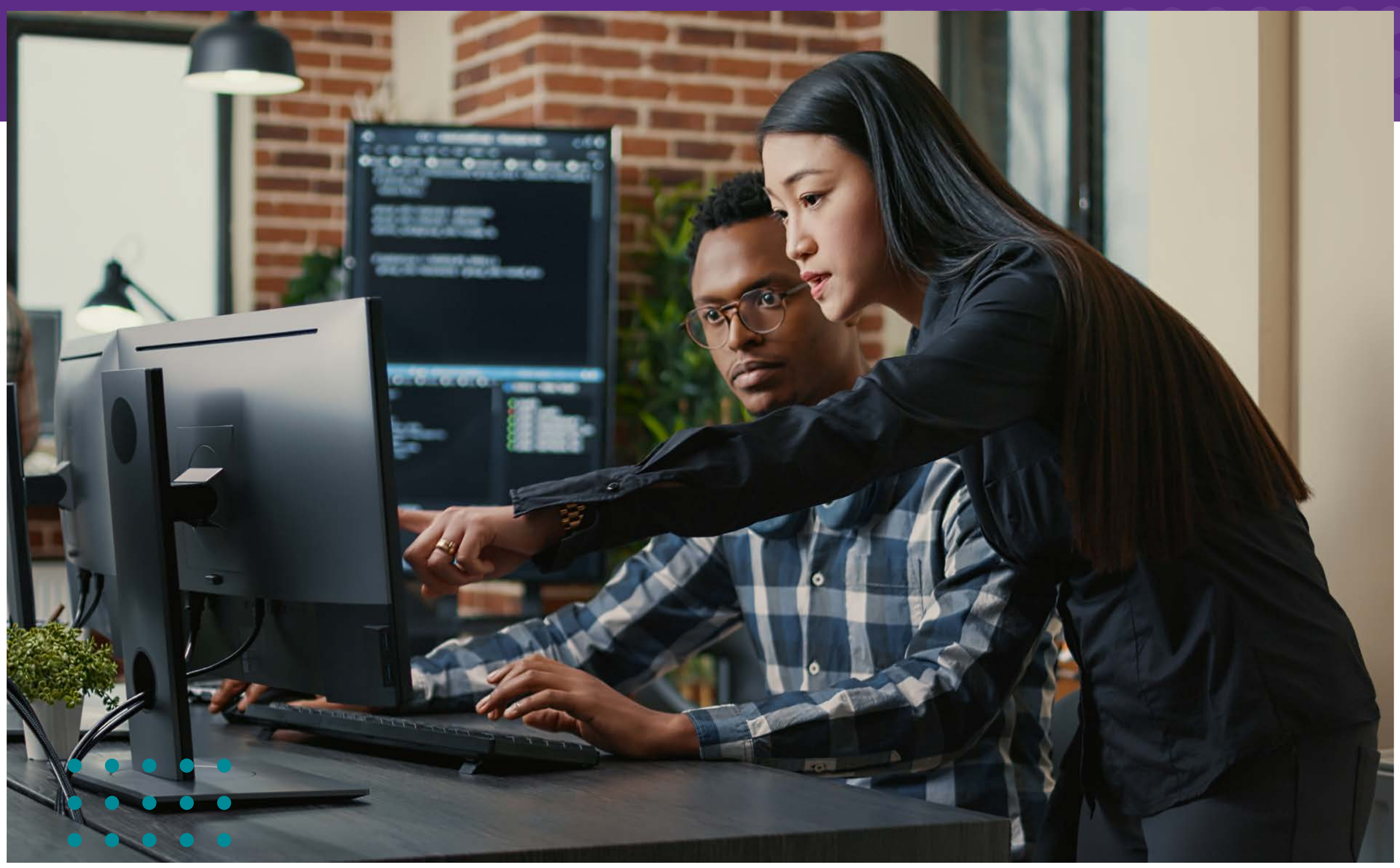
NYU TANDON SCHOOL OF ENGINEERING

CYBERSECURITY

Online Master's Degree



SECURE A BETTER FUTURE

With a worldwide shortage of qualified cybersecurity professionals, the Cybersecurity graduate program provides you with the opportunity to earn a prestigious online master's degree and build valuable skills in identifying and protecting against the fast-evolving threats to our cybersecurity. NYU is one of the select institutions recognized by the National Centers of Academic Excellence in Cybersecurity (NCAE-C), and concentrations are offered in cyber defense and cyber operations. Your education will be bolstered by immersion in hands-on virtual labs, corporate partner collaborations, industry-reviewed curricula, and specialized career-elevating badges.

- 100% online courses
- Flexible part-time or full-time options

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NSA-recognized concentrations in cybersecurity

$120K
Average starting salary in the field

3.5 Million
Job openings in cybersecurity worldwide

WHY ONLINE EDUCATION?

Flexibility

Receive an NYU Tandon engineering degree with the flexibility to balance your academic journey with your work schedule

Networking & Support

Benefit from connections with industry experts and leaders, mentorship programs, professional coaching, and more

Timely Knowledge

Our courses are constantly evolving to include information from cutting-edge fields

CURRICULUM OUTLINE

Required Cybersecurity Courses (12 Credits)

- Information, Security, and Privacy
- Network Security
- Applied Cryptography
- Application Security

Breadth Electives (Select 3 for 9 Credits)

- Deep Learning
- Computer Networking
- Introduction to Operating Systems
- Design and Analysis of Algorithms I
- Principles of Database Systems
- Machine Learning
- Foundations of Computer Science

Depth Electives (Select 3 for 9 Credits)

- Digital Forensics
- Special Topics in Computer Science (AI Governance)
- Information Systems Security Engineering and Management
- Selected Topics in CS (Machine Learning Security)
- Penetration Testing and Vulnerability Analysis
- Special Topics in Computer Science (Applied Blockchain)

Capstone Project (Required)

Research Project (Optional)

Master's Thesis (Optional)

For a comprehensive list of elective options, see the **curriculum bulletin**.

[My professors] had very useful, industry-specific knowledge, and between that and the hands-on labs, I got a solid grounding that allowed me to ascend to my current position."

Ariel Weintraub
Cybersecurity, M.S. 2018
Chief Information Security Officer at MassMutual

BECOME AN IN-DEMAND CYBERSECURITY EXPERT

As a graduate of our Cybersecurity master's program, you'll be sought after for leadership positions in this rapidly growing industry. With specialized expertise, you will be well prepared to achieve your career goals in areas that include developing security products, security application programming, security analysis, penetration testing, security research, vulnerability analysis, and security architecture.

ENGAGE IN UNPARALLELED NETWORKING OPPORTUNITIES

NYU Tandon collaborates with top industry partners to benefit you as a cybersecurity student. As you become immersed in our award-winning online program and pursue your graduate degree, you will be connected with like-minded professionals from around the world. Our partners include:

AIG
MTA
ESTĒE LAUDER
target
News Corp
WELLS FARGO
Aflac
Collins Aerospace
TIAA
Bank of America

HOW TO APPLY

To be eligible for admittance for any graduate program at NYU Tandon, you must hold a bachelor's degree from a regionally accredited U.S. institution or its international equivalent. Review the application requirements for the Cybersecurity, M.S. program and follow all application deadlines.

ADMISSION REQUIREMENTS

Create an account to start a new application. In addition to your completed application, you will need to submit:

- Transcripts from all colleges or universities attended
- A résumé
- A personal statement
- Letters of recommendation
- ~~GRE or GMAT score~~ **WAIVED**
- The application fee

START NOW

grad.engineering.nyu.edu/apply

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Digital Learning
call: 646.997.4043 • text: 877.642.7883
tandon.digital.learning@nyu.edu