



**NYU**

**TANDON SCHOOL  
OF ENGINEERING**

# CYBERSECURITY

MASTER'S DEGREE

## An elite, affordable experience for an unrivaled \$15,000

With the support of the New York City Cyber Command and industry partners, this elite, affordable part-time online master's degree in Cybersecurity will provide students with access to a curriculum designed by industry leaders, a realistic virtual environment for hands-on learning, advice from white hat hackers in industry, exciting events, mentors, and other resources— providing an experience that is the first of its kind.



### AT A GLANCE

- ▶ Up to 75% Tuition Scholarship
- ▶ Open to All US Residents
- ▶ 36-Month Program
- ▶ 10 Courses
- ▶ Completely Online

### SUPPORTED BY

- ▶ Blackstone,
- ▶ Booz Allen Hamilton
- ▶ Bridgewater
- ▶ EY LLC
- ▶ Goldman Sachs
- ▶ Facebook
- ▶ IBM Security
- ▶ Jefferies
- ▶ Loki Labs
- ▶ Morgan Stanley
- ▶ Synack
- ▶ U.S. Bank

### #NYCyberFellow BENEFITS

- ▶ Up to 75% Scholarship, along with other financial support available
- ▶ 5-year access to regularly updated course content
- ▶ Hands-on experience on the Cyber Range, a virtual lab with real-world scenarios
- ▶ Curriculum developed in collaboration with Blackstone, Goldman Sachs, IBM, and others
- ▶ Corporate and Peer Mentors in Cybersecurity
- ▶ Access to guest speakers from industry and government agencies
- ▶ Internship and job opportunities from our corporate partners
- ▶ Membership in the NYU Alumni and Cyber Alumni Community of 55K+

# What will you study?

## YEAR 1

- ▷ Information, Security and Privacy
- ▷ Computer Networking
- ▷ Network security
- ▷ Introduction to Operating Systems

## YEAR 2

- ▷ Application Security
- ▷ Design and Analysis of Algorithms
- ▷ Information Systems Security Engineering and Management

## YEAR 3

- ▷ Penetration Testing and Vulnerability Analysis
- ▷ Applied Cryptography
- ▷ Elective

*\*Waivers, transfer of credits and similar issues will be addressed on a case-by-case basis.*

## Did you know?

### 1.8 million

is the estimated global employment shortfall by 2021  
—Frost & Sullivan

### \$6 trillion

is the predicted annual global cost of cybersecurity crime by 2021  
—Cybersecurity Ventures

### \$3.6 million

is the estimated cost of data breach in 2017  
—Ponemon Institute

### \$1 trillion

predicted global spending on cybersecurity products from 2017-2021  
—Cybersecurity Ventures

## Start your application

The next cohort starts on September 2018

Final Deadline:  
May 1, 2018

[online.engineering.nyu.edu/cyber-fellows](http://online.engineering.nyu.edu/cyber-fellows)

## Bridge to Tandon

Not sure if you qualify academically? **No problem.**

## BRIDGE TO TANDON

Bridge to Tandon is a low-cost computer-science prerequisite course giving you the background needed to be considered for admission. Cohorts begin every January, April, June and August.

Cost: \$1,500

[online.engineering.nyu.edu/cyber-prereq](http://online.engineering.nyu.edu/cyber-prereq)



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#TechInService2Society