



Katz

Katz School
of Science and Health

Program Details

Make Cybersecurity Your Business

The Online MS in Cybersecurity

The [online Master of Science \(MS\) in Cybersecurity](#) from Yeshiva University's (YU) Katz School of Science and Health at Yeshiva University is your entry point to a rewarding career in the vital field of cybersecurity. We've designed our cybersecurity master's program to focus not only on the technical aspects of cybersecurity but its role in a business environment as well, and we're proud to offer this essential education to you 100% online.

At YU's Katz School, we understand that a cybersecurity education is only as valuable as what you can do with it. That's why we focus on training you to excel on industry-standard certification exams, offering coursework in management strategy to prepare you for a leadership role and assembling a renowned practitioner faculty of some of the most experienced cybersecurity professionals working today.

Program Benefits

- Prepare to sit for the Certified Information Systems Security Professional (CISSP) exam after your very first class
- Benefit from a cybersecurity education crafted in the dynamic industrial center of New York
- Engage with a curriculum that teaches management skills alongside technical cybersecurity knowledge
- Study with YU Katz's School faculty of seasoned, successful industry experts
- Grow a global professional network of like-minded, dedicated peers
- Customize your studies with two elective courses, including an optional internship experience
- Track your grades, complete assignments and communicate with classmates and faculty through our intuitive online learning management system
- Cap off your program by creating and presenting a professional-quality deliverable in our culminating capstone course

Online Program Structure

- 10 courses
- 30 credits
- 7 required courses, 2 electives, 1 capstone
- Optional internship
- 14-week semesters
 - 7-week terms
- Complete in as few as 20 months
- Three opportunities to start per year

Admission Requirements

- **Four-year bachelor's degree** from an accredited college or university
- Completed [online application](#)
- **\$50 application fee** (waivable by university; connect with an admissions outreach advisor for more information)
- Unofficial transcripts from academic institutions where nine or more credits were earned can be submitted via the online application to start the review process. If admitted, official transcripts provided directly from academic institutions where nine or more credits were earned must be submitted no later than one month prior to the first day of class
- Current **resume or CV**
- **Personal statement**
- Students who completed their undergraduate studies at an international institution may be required to submit **English language proficiency scores** (TOEFL or IELTS); these scores should be from within the last two years
- Applicants who have been awarded a bachelor's and/or graduate degree from an international higher education institution outside of the United States or a non-English speaking Canadian institution will need to submit a course-by-course [NACES transcript evaluation](#) (see [admissions requirements](#) for more details)



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The Curriculum

All courses are worth 3 credits.

Core Courses (24 credits):

- **CYB-5000** Cybersecurity Foundations
- **CYB-5100** Architecture of Secure Operating Systems, Applications, and Devices
- **CYB-5200** Network, Data, and Communications Security
- **CYB-5300** Risk Management
- **CYB-5400** Cybersecurity Audit, Assessment, and Training
- **TMG-5500** Leading Technology Organizations
- **CYB-7992** E-Discovery, Digital Evidence, and Computer Forensics
- **CYB-6500** Capstone

Elective Courses (Choose two, 6 credits):

- **CYB-TBD** Security Operations and Incident Response
- **CYB-5600** Emerging Cybersecurity Threats
- **CYB-5601** Cybercrime, Cyberwar and Threat Actors
- **CYB-6400** Internship

Your Gateway to Certification

At the Katz School at YU, your career is always our number one priority.

The online MS in Cybersecurity prepares students for some of the leading professional certification exams in the field. Program coursework fully prepares you to sit for the Certified Information Systems Security Professional (CISSP) exam, and you will also graduate well on your way toward readiness for Certified Ethical Hacker (CEH), Certified Information Security Manager (CISM) and ISACA-CRISC certifications.

Choose a cybersecurity degree that wants to see you succeed.

Our Faculty of Cybersecurity Experts

We believe the most effective teachers of cybersecurity are the ones who live it every day.

Faculty for the online MS in Cybersecurity program are industry-tested experts who have risen to leadership roles in some of the most dynamic organizations in the business world today. Study with security leaders and executives at top 20 global banks; Certified Ethical Hackers, Certified Fraud Examiners and Certified Information Systems Auditors; former military intelligence officers; and other standout cybersecurity professionals.

Shouldn't a subject as important as cybersecurity be taught by the best?

Launch a stellar career.

Shape a smarter, safer world.

To learn more about the online MS in Cybersecurity from Katz, contact an admissions outreach advisor at 866-545-9506 or by email at onlinecyber@online.yu.edu.