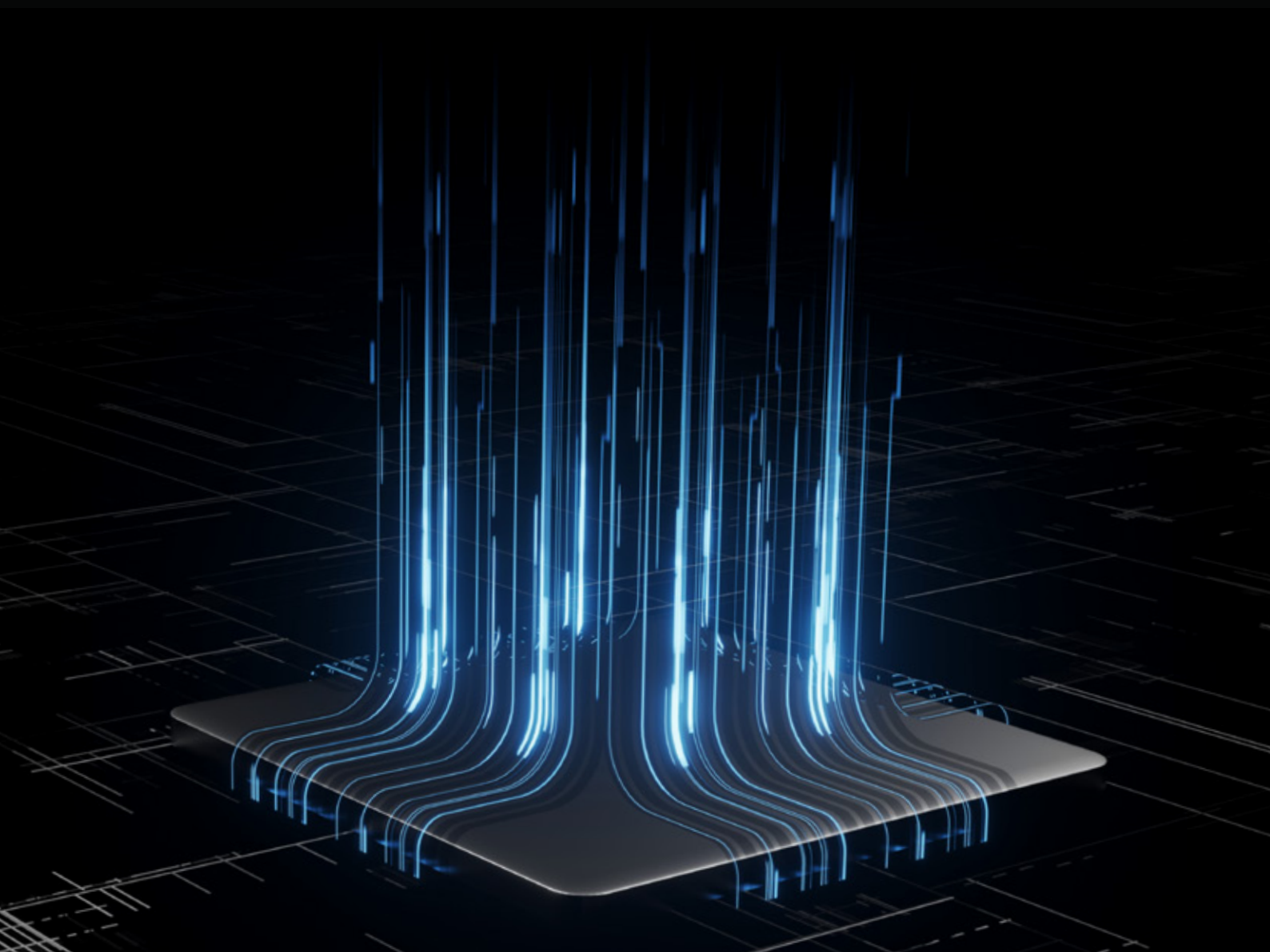




NYU

**TANDON SCHOOL
OF ENGINEERING**



CHIEF INFORMATION SECURITY OFFICER (CISO) PROGRAM

PREPARE FOR LEADERSHIP IN CYBERSECURITY

In today's connected world, information security has emerged as a leading concern for individuals, organizations, and governments alike. As businesses digitalize rapidly and become more reliant on remote work, the potential for cyberattacks has increased dramatically. With cloud technology and artificial intelligence (AI), cyberattacks are also becoming ever more sophisticated and frequent.

Cybersecurity, once confined to an IT function or a specialist role, has now become a strategic necessity, and the role of the chief information security officer (CISO) has become increasingly vital. The modern CISO must be a business leader, motivating collaboration across the organization and driving solutions that enable the company to manage evolving risk and achieve its business goals.

If you want to discover powerful ways to build an enterprise-wide cybersecurity culture, the nine-month Chief Information Security Officer (CISO) Program from NYU Tandon School of Engineering is for you.



WHY NYU TANDON?

Founded in 1854, NYU Tandon is the second-oldest school of engineering and technology in the United States. Our faculty is focused on research involving AI, cybersecurity, communications and information technology, data science, emerging media, health, robotics, sustainability, and urban affairs.

As a global education leader with a world-class faculty and state-of-the-art labs producing groundbreaking research, NYU Tandon is at the forefront of cybersecurity studies. We launched one of the first cybersecurity master's degree programs in 1998, and our professors are expert at finding the keys to keeping personal data private, power grids impregnable, and national defense infrastructure secure and safe from malicious attacks. Additionally, the NYU Cyber Fellows program has been the training ground for cybersecurity professionals from top-tier companies, such as JPMorgan Chase, Google, Amazon, Target, Estee Lauder, Bloomberg, and AIG.



OVERVIEW

The World Economic Forum's Global Risks Report 2021 puts cybersecurity failure as the fourth most significant global risk today. Organizations big and small across industries need to secure their systems from attack while managing increased regulatory scrutiny of how they use and protect data. As a CISO, you will be expected to lead the way by staying abreast of evolving risks and proactively safeguarding your organization from attack.

Gain a Holistic Perspective

The CISO Program will equip you with the tools, skill set, and frameworks required to succeed as a cybersecurity leader. Our expertly developed curriculum will help you design and develop an information security road map that aligns and scales with your organization's growth trajectory. You will learn to assess, govern, measure, and quantify information security and threats, while exploring new and emerging technologies and the latest trends in cybersecurity.

Become a Future-Focused Leader

You will hone your leadership, collaboration, and communication skills, enabling you to manage stakeholder expectations and build consensus at an organizational level as you foster a resilient cybersecurity architecture.

Engage with Thought Leaders

As a program participant, you will interact with world-renowned faculty and industry experts who are global thought leaders and collaborate with accomplished peers from around the world.

81%

of CEOs identify building a cybersecurity culture to be as important as building technological controls.

79%

of CEOs view information security as a strategic function and a potential source of competitive advantage.

Source: KPMG 2021 CEO Outlook



KEY PROGRAM FEATURES

Core Curriculum

Kick-start your program journey with 18 weeks of in-depth core sessions in cyber risk management and information security.

Flexible Learning Journey

Tailor your curriculum by choosing two online electives and gain the relevant skill set specific to your learning and career goals.

Networking Event

Connect with high-achieving peers from around the globe and build a lifelong network of executives from different industries at a three-day in-person event on the NYU Tandon campus.

World-Renowned Faculty

Learn from distinguished faculty who are subject matter experts and glean insights from global industry practitioners with guest lectures throughout the program.

Success Coach

Craft your learning journey through regular check-in sessions with a dedicated success coach.

Information Security Playbook

Throughout the program, you will work on an information security playbook that will serve as a career road map.



COMPREHENSIVE CURRICULUM

The CISO Program will equip you with the skills needed to drive information security strategy in your organization. This immersive nine-month learning journey covers three core modules through a mix of live sessions, video lectures, and weekly assignments. Guest lectures by industry practitioners provide an outside-in perspective on the latest industry trends while the CISO Circle offers networking and mentoring opportunities with an exclusive advisory board of industry experts. You will also be assigned a success coach who will help you craft a learning journey aligned with your career goals.

Engaging Experiential Sessions

You will examine case studies or participate in simulations that will test your understanding of concepts, frameworks, and decision-making in a real-world business challenge. In addition to your core learning, you will be tasked with the creation of an information security playbook that will provide you with the tools and frameworks to succeed in your role as a CISO.

Customized Learning Journey

In addition to the core modules, you will be able to choose two areas of specialization by selecting from a range of electives. These electives have been designed to enhance your technical skills, widen your business lens, and help you take the next step in your career. The program concludes with a three-day in-person networking event on the NYU Tandon campus in Brooklyn, New York City.



Program Orientation | September 2022

Core Modules (Online and Live Online | 18 weeks)

CISO as a Leader

- The Role Itself
- Developing the Enterprise Information Security Strategy
- Crafting and Communicating the Information Security Risk Story
- Organizing and Developing Your IT Security Team
- Identifying and Managing Strategic Partnerships

Information Security and Cyber Risk Management

- Fundamentals of IT Risk
- Risk Frameworks and Assessment Methodologies/Tools
- Establishing and Operating an IT Risk Governance Framework
- Cyber Regulations, Information Security Law, and Ethics
- Measuring Information Security and Setting Risk Appetite
- Quantifying Cyber Risk
- New and Emerging Technologies

Risk and Information Security Programs

- Managing the Complexities of Data Privacy
- Understanding Threats and Leveraging Threat Intelligence
- Information Security in the Cloud
- The Intersection of Supply Chain Risk and IT Risk
- Security Implications of Digital Interactions and Automation
- Organizational Cyber Preparedness and Training

Electives (Online | 16 Weeks | Choose Any Two)

- Threat Intelligence and Cybersecurity Analytics
- Data Science and Machine Learning in Cybersecurity
- Network Security
- Penetration Testing and Vulnerability Analysis
- Intrusion Detection and Incident Response

Reunion and Graduation (Three Days | In Person)

All Modules Cover

- Experiential learning including case studies and simulations
- Mentoring opportunities with CISO Circle
- One-on-one sessions with a success coach
- Live sessions with NYU Tandon faculty and thought leaders
- Networking and peer interactions

LEADING FACULTY

Our award-winning faculty are subject matter experts and leaders who are recognized for exceptional achievement as evidenced by their distinguished fellowships and memberships in national academies.



Jim Routh

Faculty Director

Jim Routh has a long history in technology and cybersecurity as a leader and management consultant. An award-winning cybersecurity leader, Routh formerly served as CISO at MassMutual, CVS (CSO), Aetna (CSO/CISO), KPMG, and American Express. He's currently a board member and advisor for several organizations and venture funds. Routh brings a vast business and technology background and is recognized as an industry leader in digital transformation and innovation in cybersecurity practices.



Sanjay Macwan

Global CIO and CISO, Vonage

Sanjay Macwan currently serves as global CIO and CISO at Vonage, where his focus is on driving secure cloud-native infrastructure, digital transformation, and world-class data-driven decisions. Previously, Macwan built and led successful technology innovation programs for AT&T Foundry and Comcast NBCUniversal Media Labs. He holds 48 US patents in mobility, information security, cloud, multimedia and content, and IP networking. He is also an investor/advisor to local tech startups in sports, healthcare, and advertising and the venture capital firm Tech Council Ventures.



Ed Amoroso

Chief Executive Officer, TAG Cyber LLC

Dr. Ed Amoroso is currently the chief executive officer of TAG Cyber, a research and advisory company that supports global enterprise cybersecurity teams and commercial security vendors. He was with AT&T for over three decades before retiring as the chief security officer in 2016. Amoroso has served as a research professor at NYU Tandon since 2017. He has authored six books on cybersecurity and dozens of major research and technical papers and articles in peer-reviewed and major publications.

CERTIFICATE

Upon successful completion of the program, participants will be awarded a verified digital certificate by NYU Tandon School of Engineering.



NYU

**TANDON SCHOOL
OF ENGINEERING**

THIS IS TO CERTIFY THAT
YOUR NAME
HAS ATTENDED AND SUCCESSFULLY COMPLETED THE
**CHIEF INFORMATION SECURITY
OFFICER PROGRAM**

Nasir Memon

*Vice Dean for Student and Academic Affairs
NYU Tandon School of Engineering*



PARTICIPANT PROFILE

The CISO Program is ideal for senior professionals in cybersecurity-focused and IT management roles across diverse industries. Whether you have just stepped into a CISO role (or equivalent), are working as a consultant in the cybersecurity field, or are a rising security or IT executive tasked with overseeing your organization's overall cybersecurity operations and strategy, you will benefit from the in-depth curriculum, expert faculty, and invaluable networking opportunities of this program.

Requirements

- Minimum 10 years of work experience
- Fluency in written and spoken English
- International exposure (preferred)



NEXT STEPS

To apply to the program, please complete the [online application form](#).

PROGRAM FEE

US\$18,000

Inclusions: Program materials

Exclusions: Accommodation for the three-day in-person reunion and graduation, transport expenses (domestic, international, visa fee, and more), and other expenses are not included in the program fees.

APPLICATION DEADLINES AND FEES

Round 1	Round 2	Round 3	Round 4
Closed	Closed	Closed	August 16, 2022
			US\$300

Admitted participants will be required to pay 20 percent of the fee amount within 10 days of admission to confirm their seat.

Please note: Admissions to the program are evaluated on a rolling basis. We strongly recommend interested participants apply early.



NYU Tandon School of Engineering is collaborating with online education provider Emeritus to offer a portfolio of high-impact programs. These programs leverage NYU Tandon's thought leadership in management practice developed over years of research, teaching, and application.

Email: nyut_ciso@emeritus.org

Phone: +1 646 713 0918 (U.S.)
+971 44302011 (Dubai)
+65 6871 4030 (Singapore)
+52 55535 02404 (South America)
+91 90290 07437 (India)
+86 400 100 8874 (China)

[APPLY NOW](#)

[SCHEDULE A CALL](#)

