The cybersecurity industry is no longer solely focused on technological expertise. Organizations need leaders who understand the interdependencies of technology, policy, and management. Cybersecurity leaders must possess the knowledge to manage cybersecurity events while having the broad management and interpersonal skills to translate complex technical details into concepts that can be readily understood by the C-suite.

Our Master of Science in Management of Secure Information Systems is an advanced, multidisciplinary cybersecurity degree that incorporates management and policy with IT security expertise to position you for roles in upper management.

Leading Edge of Cybersecurity Field
Cybersecurity is a rapidly evolving and growing field. We rely on our deep connections in the local and global cybersecurity community to remain at the leading edge of cybersecurity education. Our instructors are cybersecurity leaders from academia, government, and industry.

Global Residency
We are fully committed to preparing you to lead your organization in the competitive global arena. You may embark on a week-long international study tour of one or more countries at the forefront of IT management and cybersecurity policy and practice, where you will meet with executives in government, the private sector, and multilateral organizations. As an alternate to the Global Residency, students can attend the Black Hat Cybersecurity Conference.

“This degree will enable me to be well-positioned to become a decision maker in this field with the breadth and depth of knowledge to create and implement meaningful solutions to tomorrow’s problems.”
- Nick Kaywork, MSIS ’13
Program Manager, Federal Government

PROGRAM AT A GLANCE
- January start date
- Classes held on Saturdays, 8 a.m. to 5 p.m., on our Arlington Campus
- Cohort of up to 35 professionals
- Capstone project
- One-week global residency
- Cross-disciplinary program drawing on the expertise of faculty members within the schools of business, policy, and engineering
- Total of 36 credit hours completed in 16 months
Business Case Project (Capstone Project)
The culminating capstone project requires an integrative learning project in which you apply classroom studies to a real-world business problem.
You will take on the role of a security leader and address a major cybersecurity challenge for a large government or multinational organization challenge, such as cybersecurity risks raised by new mobile payment systems, the Internet of Things, utility control systems, and United States supply chain risks.

World-Class Faculty
You learn from the best minds and recognized experts in their respective fields. Many have done significant research, been published extensively, currently work as cybersecurity leaders in banking and government, and serve as consultants to Fortune 500 companies—our faculty have the credentials and the perspectives to provide you with the best of both worlds: theoretical learning and practical application.

PROGRAM ELIGIBILITY
- Bachelor’s degree from an accredited institution
- A minimum of three years of full-time work experience in a field relevant to the program

STUDENT PROFILE

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<thead>
<tr>
<th>AVERAGE AGE</th>
<th>37</th>
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<tr>
<td>AVERAGE WORK EXPERIENCE</td>
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COURSE LIST

- Foundations of Cybersecurity
- Security Practices in the Enterprise
- Networking Principles
- Networking Security
- Secure Information System Governance, Regulation, and Compliance
- Enterprise Security Threats
- Enterprise Security Technologies
- Seminar: Enterprise Security Case Studies
- Global Residency/Black Hat Cybersecurity Conference
- Capstone Project in Management of Secure Information Systems
- Leadership and Change Management
- Financial and Cost Accounting
- Economics of Technology Management
- Decision Models and Methods
- Managerial Finance
- Capstone Project
- Enterprise Information Security Audit
- Global Practices in Security of Information Systems
- Organizations, Management, and Work: Theory and Practice
- Critical Infrastructure Protection in Theory, Policy, and Practice