Brandeis University’s Graduate Professional Studies (GPS) is looking for an industry leader to develop and teach in our Information Security Leadership Master’s Program. Brandeis University is consistently ranked among the nation’s top universities, and our online courses are developed using best practices in online learning. Information about Brandeis University and Graduate Professional Studies can be found online.

About the course:
RIAS 110: Identity Management and Access Control, an elective in the Information Security Leadership Master’s Program, covers the concepts and practices of using user access control techniques and mechanisms to appropriately address security requirements such as confidentiality, integrity, authentication, authorization, and accountability. Concepts explored include common IT security challenges; the role of cryptography; access control principles, mechanisms, and techniques related to user identification and strategies for enabling stronger authentication using Public-Key Infrastructure (PKI), smartcards, and biometrics; enterprise identity management concepts; and industry standards for enabling identity provisioning, single sign-on, and federation.

At the end of this course, students will be able to:
- Determine and develop policies for enterprise level user identity access management considering legal and regulatory obligations as well as enterprise risk requirements.
- Identify a conceptual architecture including cryptographic requirements to support secure communication channels ensuring confidentiality, integrity, authentication, and non-repudiation.
- Develop a conceptual architecture including transport-level security requirements with confidentiality, integrity, and authentication of data in transit web or peer-to-peer structures.
- Develop a conceptual architecture with transport-level security requirements to support the security of a company’s credit card transactions with its banks.
- Identify the security standards and technology components that need to be in place to ensure that the overall security and access control are not compromised.
- Analyze strategies for enabling the multi-factor authentication using multiple methods such as Smart cards and Biometrics.

Qualified candidates will have Subject Matter Qualifications in the following areas:
- **Required:**
  - Current active employment in the Information Security Leadership field, or related industry
  - Minimum of 5 years’ experience in computer security and information assurance or demonstrated experience in security operations or security and technology audit
  - Familiar with the following:
    - Technology Operations or Security Operations or Security Management or Legal and Compliance with a Security/Privacy focus or technology/security audit
    - Identity and access management and I&AM solutions
    - Cryptography and cryptanalysis and the application of cryptography in business
    - Processes and approach to creating/developing PKI or crypto program or management in an organization
  - Ability to communicate the domains of security
- Strong written communication skills
- Ability to communicate effectively across multiple levels of an organization.
- Minimum of a Master’s degree

- **Preferred:**
  - Teaching experience preferred; online teaching or learning experience preferred

**General responsibilities include:**
- For new courses requiring development:
  - Design a syllabus following program chair guidance and the syllabus template
  - Create content that aligns with course outcomes and offers the author’s experiences and perspectives on key points
- For all courses - develop and deliver the course according to our teaching standards, which include actively facilitating online discussions, providing relevant and timely feedback on student work, reporting grades, and discussing student issues with staff
- Create or refine and facilitate the course site in the Moodle learning management system

**General skill requirements include:**
- Strong interpersonal skills when relating to students
- The ability to communicate effectively in writing, including conveying complex information and promoting in-depth engagement on course topics
- The ability to devote adequate time to courses, including responding to students and providing meaningful feedback in a timely manner

**About the Master’s in Information Security Leadership Program:**
Graduates of the Brandeis MS in Information Security Leadership are empowered with the confidence of a top-tier master’s to lead through any cybersecurity challenge, and to influence decisions for risk prevention. Through the program, graduates are prepared to oversee the information security life cycle of an organization, including planning, acquisition, development and evolution of secure infrastructures.

All GPS Master’s courses are 10-weeks long and taught asynchronously in the online learning environment with no set days or times for interaction.

**About GPS Faculty:**
GPS Faculty instructors are active practitioners in the industries that align with our programs and have the professional expertise to bring to course discussions and threads. Instructors are part time and work fully online, with no requirement to appear on campus. Our faculty have earned at least a master’s degree with many holding terminal academic degrees and industry-specific credentials. Previous experience teaching online is not required; GPS offers a comprehensive training program for qualified applicants.

**How to apply:**
GPS welcomes applications for its adjunct faculty pool on an ongoing basis. The application process consists of the online application and, if subject matter qualifications are met, a series of interviews at the discretion of the Program Chair and the Associate Directory of Faculty Operations. [Complete your application online.](#)