



Online
CERTIFICATE IN CYBERSECURITY
15 Credit Hours

Admission Requirements:

- Application and processing fee.
- Official Baccalaureate transcript from a regionally accredited college or university
- GPA of 3.0 or higher. Provisional admission may be given to students with a 2.5 to 2.99 cumulative undergraduate GPA. The program director will evaluate applications on a case-by-case basis
- Resume or CV that includes any related experience in the field of information technology.
- International applicants will be required to provide TOEFL scores (if applicable) and transcript assessment for degrees completed outside of the United States.

No GRE or GMAT required

Cost:

- Per Credit - \$650
- Resource Fee - \$200 per course
- Total Tuition Per Course - \$2,150
- Estimated Total Tuition - \$10,750

Curriculum:

IT 620 - Information Assurance and Control

Investigates the impacts of technology on data quality and reliability. Covers foundations of IT security, encryption and authentication, the value of information as a strategic resource, data quality issues, information security standards, and contemporary principles of knowledge management.

IT 622 - Risk Management and Compliance

Explores policy addressing compliance to legal and ethical standards, including FERPA, COPPA, GDPR, Federal Sentencing Guidelines, GLBA, SOX, etc. Introduces risk management planning best practices such as: ISACA COBIT, ITIL, and NIST. (CSEC 2) (Prereq: IT 620)

IT 612 - Advanced Information Assurance Management

Covers the advanced domains of the Information Systems Security Professional (CISSP) common body of knowledge. Domains range from forensics and legal topics to physical and operations security to programming, cryptography and network security. Prepares students to take the CISSP exam. (CSEC 5) (Prereq: IT 620 Information Assurance and Control).

IT 633 - System Certification & Accreditation

Integrates risk management planning, enterprise architectures and compliance issues in the design and development of a system certification and accreditation program based on recognized standards such as NIST and ISO 27000. (CSEC 3) (Prereq: Risk Management and Compliance)

IT 642 - Incident Management and Response

Applies cyber incident handling process concepts based on NIST 800-61, 800-53 IR control family and other standards to develop a realistic incident management program. (CSEC 4) (Prereq: Risk Management & Compliance).