Certificate

Cybersecurity Risk Management Certificate

A key tool for addressing the mounting cyber threats is the NIST Risk Management Framework required by the Federal Information Security Act (FISMA). When students complete the certificate program, they will have a comprehensive understanding of it as well as project experience in applying the NIST Risk Management Framework (RMF)—the foundational framework which guides information security and information security auditing.

Admission Information

The following admission requirements will apply to all applicants. All students must:

- Submit a completed online application and the application fee,
- Submit transcripts of all undergraduate and graduate work from regionally accredited institutions.

Applicants who have not earned a degree in the United States must also submit:

- Current scores on the Test of English as a Foreign Language (TOEFL),
- A sample of scholarly writing, and three recommendations, at least one of which evaluates proficiency in English.

Curriculum Requirements

Students are required to complete the following six graduate courses. The curriculum is based on standards established by the National Institute of Standards and Technology. Students are required to maintain a minimum GPA of 3.0/4.0.

Required Courses		
CYSE 530	Introduction to Cybersecurity Risk Management	3
CYSE 531	Advanced Techniques Cybersecurity Risk Management	3
CYSE 532	Cyber Risk CSF/CMMC	3
CYSE 533	Cyber Risk FedRAMP/Audit	3
Electives		**6**
Select two of the following:		
CYSE 608	Windows System for Cybersecurity	
CYSE 609	Fundamentals of Linux System for Cybersecurity	
ENGN 672	Energy Systems Management	
MSIM 670	Cyber Systems Engineering	
ENMA 625	Introduction to Homeland Security Logistics	
ENMA 670	Cyber Systems Engineering	
ENMA 724	Risk Analysis	
Total Credit Hours		**18**