CYBERSECURITY MANAGEMENT - CERTIFICATE

The Graduate Certificate in Cybersecurity Management provides an opportunity for student growth in the field of cybersecurity.

The focus of the program is at the intersection of the business and technical aspects related to cybersecurity. Students will gain a broad technical knowledge of cybersecurity as well as an understanding of the alignment with and support of key business objectives. Students will understand the challenges of computer network security while ensuring the confidentiality, integrity, and availability of data. Further, they will be able to integrate policy, best practices, and strategies to address a broad range of challenges and threats, while balancing the development of a security environment that is usable, yet secure.

The courses included in the certificate are not offered every semester. Students should allow multiple semesters to complete all of the certificate requirements. Non-business students will need assistance registering for courses within Mays Business School. To request enrollment in one of these certificate courses, non-business students should submit a waitlist request (http://www-info.tamu.edu/INFOWait/). Note in the comments area of the request that the certificate is being pursued.

The certificate is open to any degree-seeking graduate student at Texas A&M University.

Direct questions regarding the certificate to INFOStudentServices@mays.tamu.edu.

Program Requirements

Code	Title	Semester Credit Hours
ISTM 635	Business Information Security	3
ISTM 645	IT Security Controls	3
ISTM 655	Security Management and Compliance	3
Select one of the following:		3
CSCE 652	Software Reverse Engineering	
CSCE 664	Wireless and Mobile Systems	
CSCE 665	Advanced Networking and Security	
CSCE 701/ CYBR 601	Foundations of Cybersecurity	
CSCE 713	Software Security	
CYBR 602	Law and Policy in Cybersecurity	
CYBR 603	Cybersecurity Risk	
CYBR 604/ CSCE 704	Data Analytics for Cybersecurity	
CYBR 711/ CSCE 711	Foundation of Modern Cryptography	
ECEN 759/ CYBR 630	Hardware Security	
MATH 470	Communications and Cryptography	
MATH 673	Mathematical Foundations of Cryptography	
PSAA 608/ CYBR 661	Cybersecurity Policy, Issues and Operations - A Manager's Guide	
Total Semester Credit Hours		**12**