

GRADUATE CERTIFICATE IN CYBERSECURITY

The Graduate Certificate in Cybersecurity provides students with the knowledge and skills needed to face the ever-changing need for information management and security. Upon completion of the courses, students are able to identify enterprise and IT-related risks for organizations and evaluate their potential impact. Students learn how to evaluate weaknesses in an organization's IT controls and make recommendations to improve regulatory compliance, reporting, and operational performance. Students learn basic programming concepts, demonstrate the ability to set-up and troubleshoot hardware and software for a computer network, and gain significant "hands-on" experience in both attacking and defending virtual systems. This certificate is compatible with our MCIS degree requirements, enabling certificate recipients to transition into the MCIS program and apply it to their degree. It is also compatible with some of the MBA requirements, allowing some MBA students to earn the certificate as part of their MBA degree.

Requirements Effective Fall 2020

Additional coursework may be required due to prerequisites.

Code	Title	Credits
CIS 563	Information Assurance and Security	3
CIS 606	Application Software Infrastructure	3
CIS 620	IT Communications Infrastructure	3
CIS 623	Cybersecurity	3
Program Total Credits:		12

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.