Business Cybersecurity

Minor Contact

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Minor Code - U152

Code	Title	Hours
All courses must be completed with a C- or higher.		
MIST 355	Data Communications *	3
MIST 356	Network Security **	3
or CYBE 465	Cybersecurity Principles and Practice	
Select three of the following:		9
CRIM 431	Cybercrime	
CYBR 415	Cyber Operations	
CYBR 425	Cybersecurity Strategy, Risk, and Compliance	
HIIM 351	Healthcare Data Privacy, Confidentiality, and Security	
MATH 373	Introduction to Cryptography	
MIST 400	Advanced Information Security *****	
MIST 491	Professional Field Experience ****	
MIST 495	Independent Study	
Total Hours		15

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Students will be encouraged to take and pass the Network+ Certification.

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Students will be encouraged to take and pass the Security + Certification or the GIAC Network Forensic Analyst certification.

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Students may wish to take the GIAC certification for Law of Data Security & Investigations following this course.

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Experiential Learning is a hallmark of the College of Business and Economics, and it is the cornerstone of the Minor in Business Cybersecurity Management. MIST 491 experiential learning class must be performed in a highly subspecialized area of Cybersecurity, Information Technology, or Computer Networking, requiring prior approval and faculty sponsorship. Recommended professional field experiences should enable a rigorous and hands on Cybersecurity exposure. This may take the form of participation in the US Department of Homeland Security Cybersecurity Internship Program, working for the National Cyber Forensics Training Alliance (NCFTA), working in the Information Systems Security area of a major corporation or other internship engagement that imbues the skills required for a deep understanding of the Cybersecurity in business functional domain. In addition to faculty sponsorship, the internships will require a weekly log, coordination with the Chambers College of Business and Economics Internship Program officer, and a research paper written under the faculty sponsor guidance.

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Students will be encouraged to take and pass the Pentest+ Certification or the Certified Ethical Hacker (CEH) Certification.