MANAGEMENT INFORMATION SYSTEMS - CYBERSECURITY CONCENTRATION

Department: Management Information Systems (https://catalog.bradley.edu/undergraduate/business/management-information-systems/)

The concentration in cybersecurity prepares graduates to manage the security of networks and information systems. Students gain experience with conducting technical and socially-engineered penetration tests. In this concentration, students perform security assessments for local business clients in order to identify security risks and provide recommended steps for remediation.

Major requirements may be found at Management Information Systems Major (https://catalog.bradley.edu/undergraduate/programs/management-information-systems-major/#requirementstext).

Code	Title	Hours
Major Requirements		**28**
CS 141	Introduction to Python Programming	3.0
MIS 272	Business Analytics Tools and Techniques	3.0
MIS 373	Applied Networking	3.0
MIS 375	Business Systems Analysis and Design	3.0
MIS 379	Information Systems Security	3.0
MIS 483	Advanced Ethical Hacking	3.0
Elective Courses (choose three)		9.0
CIS 230	Introduction to Computer Forensics	
CIS 330	Advanced Computer Forensics	
CIS 415	Applied Cryptography	
CIS 435	Computer Networks and System Security	
CIS 495	Software and Web Applications Security	
MIS 279	Personal Security and Privacy	
Course approved by the Department Chair		
Students must also complete the Foster College's business core.		