MINOR IN
CYBERSECURITY & RISK MANAGEMENT

A minor in Cybersecurity and Risk Management is designed to provide students with a foundational understanding of the principles, techniques, and tools needed to protect information systems and assets from unauthorized access, use, disclosure, disruption, modification or destruction. The minor aims to prepare students for careers in a variety of industries, including information technology, finance, healthcare, government, and law enforcement, where knowledge of cybersecurity and risk management is increasingly in demand. Graduates may pursue positions such as cybersecurity analyst, network security engineer, information security consultant, risk analyst, or compliance officer. Up to 18 hours can be double counted with students' other majors and minors.

TOTAL MINOR COURSEWORK: 21 HOURS

MINOR REQUIRED COURSES: 15 HOURS

BUS 1950 - Computer Concepts and Applications for Business. Credits: 3
    or EGT 1323 - Computers for Engineering Technology. Credits: 3
MIS 3200 - Networking Fundamentals. Credits: 3
    or CIT 2523 - Data Communication Technology I. Credits: 3
MIS 4850 - Systems Security. Credits: 3
MIS 4860 - Ethical Hacking and Network Defense. Credits: 3
OSC 4700 - Special Topics in Operations and Supply Chain Management. Credits: 3

MINOR ELECTIVE COURSES: SELECT 6 HOURS FROM THE FOLLOWING
(AT LEAST THREE SEMESTER HOURS IN MIS)

CIT 2183 - Software Development for Technology I.
CIT 2283 - Software Development for Technology II.
CIT 2523 - Data Communication Technology I.
CIT 2773 - Database Administration.
CIT 2803 - Operating Systems for Computer Technology.
DGT 3813 - Web Development
MIS 2000 - Business Analytics Programming.
MIS 3000 - Introduction to Databases for Business Analytics.
MIS 3060 - Introduction to Business Intelligence.
MIS 3330 - Java Programming.
MIS 3505 - Advanced Microcomputer Apps Development.
MIS 3530 - Business Web Site Design.
MIS 3970 - Study Abroad.
MIS 4275 - Internship in Management Information Systems.
MIS 4600 - Special Topics in Management Information Systems.
MIS 4700 - Advanced Networking.

MIS 4740 - Independent Study.
MIS 4760 - Systems Analysis, Design, and Development.
    or CIT 4760 - Systems Analysis, Design, and Development.
MIS 4770 - Database and Data Management.
    or CIT 4770 - Database and Data Management.
MIS 4960 - Certified Ethical Hacking.
OSC 4820 - Business Analytics and Data Mining.

LUMPKIN COLLEGE OF BUSINESS AND TECHNOLOGY

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