2024-2025 MODEL DEGREE PROGRAM FOR CYBERSECURITY MANAGEMENT

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Business degree with an emphasis in Cybersecurity Management. The order in which these courses are taken may vary with course availability. However, normal degree progress in the College of Business requires that students complete the degree in a freshman, sophomore, junior, senior sequence. **Students are responsible for completing all course prerequisites; prerequisites are strictly enforced.**

Most Business courses require a grade of C- or higher to include: INFS 1100 and all skills, junior core, senior capstone, and emphasis courses. Note: MATH 1040 requires a C or higher.

All classes are presumed to be 3 credits unless otherwise noted.

FRESHMAN YEAR

✓ **Fall Semester**	✓ **Spring Semester**
GPS 1010 Gateway Program Seminar	ECON 2020 Introduction to Macroeconomics
ECON 1010 Introduction to Microeconomics	TCID 2080 Business and Administrative Writing
Core Writing Course (ENGL 1310, 1308, *or* 1305)	INFS 1100 Productivity Apps for the Workplace
MATH 1040 College Algebra (4 credits)	Open Elective
Open Elective	Explore – Arts, Humanities, Cultures
BUAD 3100 ROAR Program I (1 credit) *(take in fall or spring)*	

SOPHOMORE YEAR

✓ **Fall Semester**	✓ **Spring Semester**
ACCT 2010 Financial Accounting	ACCT 2020 Managerial Accounting
BLAW 2000 Business Law	INFS 3000 Info Systems and Business Intelligence
COMM 2010 Comm in Workplace *or* 2100 Public Speaking	INFS 3070 Foundations of Business Programming
QUAN 2010 Business Statistics	MKTG 3000 Principles of Marketing
Explore – Physical & Natural World (4 credits)	QUAN 2020 Quantitative Analysis for Business
BUAD 3200 ROAR Program II (1 credit) *(take in fall or spring)*	

JUNIOR YEAR

✓ **Fall Semester**	✓ **Spring Semester**
FNCE 3050 Basic Finance	INFS 3500 Intro to Cybersecurity Technologies
INFS 3700 Computer Networks & Telecommunications	MGMT 3300 Intro to Management & Organization
INFS 3750 Organizational Cybersecurity	Upper Division Business Course
OPTM 3000 Fundamentals of Operations Mgmt	Open Elective
Writing Intensive or Open Elective	Open Elective
ROAR Program Experiential Learning (zero credit)	*Writing Portfolio* (PORT 3000 required, zero credit)
^(may be taken for credit towards your degree)	

SENIOR YEAR

✓ **Fall Semester**	✓ **Spring Semester**
BGSO 4000 Business, Government, & Society	STRT 4500 Strategic Management
CYSM 4100 IT Risk Management *(fall only)*	CYSM 4300 IT Security Auditing *(spring only)*
Cybersecurity Management Elective	Cybersecurity Management Elective
Open Elective	Open Elective
BUAD 3300 ROAR Program III (1 credit)	Open Elective (1 credit)
^(should take prior to final semester)	

Cybersecurity Management Electives	
CYSM 4500 Ethical Hacking *(spring only)*	INFS 3100 Agile Software Development *(fall only)* **OR** OPTM 3390 Managing Projects for Competitive Advantage
CYSM 4700 – Cloud Computing *(fall only)*	INFS 4700 – Advanced Networking Topics *(spring only)*
Approved Cybersecurity Elective 3000+ *(not taken for other requirements)*	Approved Cybersecurity BUAD 4960 Internship

*students should plan <u>four</u> semesters to complete the CYSM emphasis courses due to pre-requisites and course sequencing.