

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 2090 Technical Writing and Presentation
	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) <i>(take in fall or spring)</i>		

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) <i>(take in fall or spring)</i>		

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)
	<i>^(may be taken for credit towards your degree)</i>		

SENIOR YEAR

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

Cybersecurity Management Electives

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

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