

2023-2024 INFORMATION SYSTEMS MODEL DEGREE PROGRAM

The following four-year plan lists all the specific course requirements for the Bachelor of Science in Business degree with an emphasis in Information Systems. 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.

All skills, junior core, senior capstone and emphasis courses must be completed with a C- or better.

All classes are presumed to be 3 credits unless noted.

Fall Semester	FRESHMAN YEAR	Spring Semester
<div> <div>_____ GPS 1010 Gateway Program Seminar</div> <div>_____ ECON 1010 Introduction to Microeconomics</div> <div>_____ Core Writing Course (ENGL 1310 or 1308 or 1305)</div> <div>_____ MATH 1040 College Algebra (4 credits)</div> <div>_____ Open Elective</div> <div>_____ BUAD 3100 ROAR Program I (1 credit)</div> <div>(can take in fall or spring semester)</div> </div>		<div> <div>_____ ECON 2020 Introduction to Macroeconomics</div> <div>_____ TCID 2090 Technical Writing and Presentation</div> <div>_____ INFS 1100 Production Apps for the Workplace</div> <div>_____ MATH 1120 Calculus for Business & Economics</div> <div>_____ Explore – Arts, Humanities and Cultures</div> </div>

Fall Semester	SOPHOMORE YEAR	Spring Semester
<div> <div>_____ ACCT 2010 Financial Accounting</div> <div>_____ BLAW 2000 Business Law</div> <div>_____ COMM 2010 Comm in Workplace or 2100 Public Speaking</div> <div>_____ QUAN 2010 Business Statistics</div> <div>_____ Explore – Physical & Natural World (4 credits)</div> <div>_____ BUAD 3200 ROAR Program II (1 credit)</div> <div>(can take in fall or spring semester)</div> </div>		<div> <div>_____ ACCT 2020 Managerial Accounting</div> <div>_____ INFS 3000 Information Systems & Business Intelligence</div> <div>_____ INFS 3070 Business Programming Fundamentals</div> <div>_____ MKTG 3000 Principles of Marketing</div> <div>_____ QUAN 2020 Quantitative Analysis for Business</div> </div>

Fall Semester	JUNIOR YEAR	Spring Semester
<div> <div>_____ FNCE 3050 Basic Finance</div> <div>_____ INFS 3400 Database Management</div> <div>_____ INFS 3700 Computer Networks & Telecommunications</div> <div>_____ OPTM 3000 Fundamentals of Operations Mgmt</div> <div>_____ Writing Intensive or Open Elective</div> <div>_____ ROAR Program Experiential Learning (zero credit)</div> <div>(may be taken for credit towards your degree)</div> </div>		<div> <div>_____ MGMT 3300 Intro to Management & Organization</div> <div>_____ INFS 3500 Introduction to Cybersecurity Technologies</div> <div>_____ INFS 3800 Programming Web-Based Systems</div> <div>_____ Open Elective</div> <div>_____ Open Elective</div> <div>_____ Writing Portfolio (PORT 3000 required, zero credit)</div> </div>

Fall Semester	SENIOR YEAR	Spring Semester
<div> <div>_____ BGSO 4000 Business, Government & Society</div> <div>_____ INFS Elective</div> <div>_____ Upper Division Business Course</div> <div>_____ Open Elective</div> <div>_____ Open Elective (1 credit)</div> <div>_____ BUAD 3300 ROAR Program III (1 credit)</div> <div>(should take prior to final semester)</div> </div>		<div> <div>_____ STRT 4500 Strategic Management</div> <div>_____ INFS 4050 Information Technology Integration</div> <div>_____ INFS Elective</div> <div>_____ Open Elective</div> </div>

INFS Electives:

INFS 3100 – Agile Software Development (fall only)	CYSM 4100 – IT Risk Management
INFS 3750 – Organizational Cybersecurity (fall and spring)	CYSM 4300 – IT Security Auditing
INFS 4400 – Big Data Analysis (spring only)	CYSM 4500 – Ethical Hacking
INFS 4700 – Advanced Networking Topics (spring only)	CYSM 4700 – Cloud Computing & Security
OPTM 3390 – Managing Projects for Competitive Advantage	Approved Technical Elective