

# 2022-2023 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

- \_\_\_ GPS 1010 Gateway Program Seminar
- \_\_\_ ECON 1010 Introduction to Microeconomics
- \_\_\_ Core Writing Course (ENGL 1310 or 1308 or 1305)
- \_\_\_ MATH 1040 College Algebra (4 credits)
- \_\_\_ Open Elective
- \_\_\_ BUAD 3100 ROAR Program I (1 credit)  
(can take in fall or spring semester)

- \_\_\_ ECON 2020 Introduction to Macroeconomics
- \_\_\_ TCID 2090 Technical Writing and Presentation
- \_\_\_ INFS 1100 Production Apps for the Workplace
- \_\_\_ MATH 1120 Calculus for Business & Economics
- \_\_\_ Explore – Arts, Humanities and Cultures

Fall Semester

## SOPHOMORE YEAR

Spring Semester

- \_\_\_ ACCT 2010 Financial Accounting
- \_\_\_ BLAW 2000 Business Law
- \_\_\_ COMM 2010 Comm in Workplace or 2100 Public Speaking
- \_\_\_ QUAN 2010 Business Statistics
- \_\_\_ Explore – Physical & Natural World (4 credits)
- \_\_\_ BUAD 3200 ROAR Program II (1 credit)  
(can take in fall or spring semester)

- \_\_\_ ACCT 2020 Managerial Accounting
- \_\_\_ MKTG 3000 Principles of Marketing
- \_\_\_ QUAN 2020 Quantitative Analysis for Business
- \_\_\_ INFS 3070 Business Programming Fundamentals
- \_\_\_ Open Elective

Fall Semester

## JUNIOR YEAR

Spring Semester

- \_\_\_ FNCE 3050 Basic Finance
- \_\_\_ INFS 3000 Information Systems & Business Intelligence
- \_\_\_ INFS 3400 Database Management
- \_\_\_ INFS 3700 Computer Networks & Telecommunications
- \_\_\_ Writing Intensive or Open Elective
- \_\_\_ ROAR Program Experiential Learning (zero credit)  
(may be taken for credit towards your degree)

- \_\_\_ OPTM 3000 Fundamentals of Operations Mgmt
- \_\_\_ MGMT 3300 Intro to Management & Organization
- \_\_\_ INFS 3500 Introduction to Cybersecurity Technologies
- \_\_\_ INFS 3800 Programming Web-Based Systems
- \_\_\_ Open Elective
- \_\_\_ Writing Portfolio (PORT 3000 required, zero credit)

Fall Semester

## SENIOR YEAR

Spring Semester

- \_\_\_ BGSO 4000 Business, Government & Society
- \_\_\_ INFS Elective
- \_\_\_ Upper Division Business Course
- \_\_\_ Open Elective
- \_\_\_ Open Elective (1 credit)
- \_\_\_ BUAD 3300 ROAR Program III (1 credit)  
(must take prior to final semester)

- \_\_\_ STRT 4500 Strategic Management
- \_\_\_ INFS 4050 Information Technology Integration
- \_\_\_ INFS Elective
- \_\_\_ Open Elective

### INFS Electives:

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