

BUSINESS INFORMATION SYSTEMS
(72 HRS.)
Effective Fall 2024

COURSE	COURSE TITLE	HR	PREREQUISITE(S)
BUSINESS CORE REQUIREMENTS:			
ACC 201	Principles of Financial Accounting	3.0	Completed 15 credit hours
ACC 202	Principles of Managerial Accounting	3.0	C- or better grade in ACC 201 or D- or better grade in ACC 200
BA 205	Foundations of Business Analytics	3.0	None
BL 260	Principles of Business Law	3.0	None
ECON 201	Elementary Microeconomics	3.0	None
ECON 202	Elementary Macroeconomics	3.0	C- or better grade in ECON 201
ECON 221	Business Statistics	3.0	C- or better in MATH 110 or MATH 111 or MATH 113, or an appropriate score on the SAT/ACT or on the mathematics placement test or a passing (D- or better) in MATH 125, MATH 132, MATH 161, or MATH 165
FIN 300	Principles of Finance	3.0	C- or better grade in ECON 116 or ECON 201
ISOM 210	Business Information Systems	3.0	None
ISOM 249	Fundamentals of Business Communications	3.0	None
ISOM 351	Operations Management	3.0	Prerequisite or parallel: ECON 221 or MATH 181 or MATH 221 or MATH 320 or MATH 321 or NUR 314 or PSYS 241 or SOC 382 or equivalent
MATH 125	Quantitative Reasoning	3.0	None
MCOB 100	Introduction to Miller College and World of Business	1.0	Open only to Miller College Business and Exploratory Studies majors. Other majors by permission.
MCOB 200	Job Search Skills	1.0	Prerequisite: MCOB 100. Open only to Miller College Business majors. Open only to freshmen, sophomores, and juniors. Other majors by permission.
MCOB 300	Transition to the Profession	1.0	Credit in MCOB 100 Prerequisite or parallel enrollment in MCOB 200. Open only to Miller College Business majors. Other majors by permission.
MGT 300	Managing Behavior in Organizations	3.0	Sophomore or higher standing
MGT 491	Business Policy and Strategic Management	3.0	Senior standing; completion of ACC 202, BA 205, ECON 202, ECON 221, BL 260, ISOM 201, ISOM 249, ISOM 351, MGT 300, MKG 300, and FIN 300. No simultaneous enrollment allowed.
MKG 300	Principles of Marketing	3.0	Sophomore standing or above
BUSINESS INFORMATION SYSTEMS CORE REQUIREMENTS:			
BIS 226	Business Systems Application Development	3.0	ISOM 210 or permission of the department chairperson
BIS 317	Computer Networks for Business	3.0	ISOM 210 or permission of the department chairperson
BIS 410	Information Systems Security	3.0	BIS 317, ISOM 317 or CT 210 or permission of the department chairperson.
BIS 412	Business Process Analysis and Design	3.0	BIS 226 (waived for CS with IS minor); ISOM 300
BIS 413	Database Management Systems	3.0	ISOM 210
BIS 490	Information Systems Integration Project	3.0	BIS 412, BIS 317, ISOM 300, and senior standing
ISOM 300	Project Management	3.0	Sophomore standing or above or by permission of department chairperson
ELECTIVES, SELECT THREE (3) HOURS FROM:			
BA 305 BA 310 BA 436 BIS 421 BIS 422 BIS 450 ISOM 369	Introduction to Business Analytics Data Visualization for Business Analytics Data Warehouse & Business Intelligence Network & Security Management Health Care Information Systems E-Commerce Design & Applications Industry Internship	3.0	See course catalog for prerequisites and course descriptions.

BUSINESS INFORMATION SYSTEMS

Freshman Year

1st semester	Hrs	2nd semester	Hrs
ENG 103 or 104 (placement)	3	ENG 104 or University Core course	3
ISOM 210	3	MATH 125	3
MCOB 100	1	University Core Course	3
FIN 101	1	ECON 201 (Tier 1)	3
University Core Course	3	University Core Course	3
	14		15

Sophomore Year

1st semester	Hrs	2nd semester	Hrs
ACC 201	3	ACC 202	3
ECON 202 (Tier 2)	3	MCOB 300	1
ECON 221	3	ISOM 351	3
ISOM 249	3	BA 205	3
MCOB 200	1	PFW	2
BL 260	3	BIS 226	3
	16		15

Junior Year

1st semester	Hrs	2nd semester	Hrs
ISOM 300	3	MGT 300	3
MKG 300	3	FIN 300	3
General elective	3	BIS 317	3
General elective/major elective*	3	General elective/major elective*	3
University Core Course	3	University Core or General elective	3
	15		15

Senior Year

1st semester	Hrs	2nd semester	Hrs
BIS 410	3	MGT 491 (Tier 3)	3
BIS 412	3	BIS 490 (Tier 3)	3
BIS 413	3	General elective	3
General elective	3	General elective	3
General elective	3	General elective	3
	15		15

Minimum 120 hours

BOLD = required business courses

* = Major electives

This document is a suggested guideline; it is the student's responsibility to meet with their advisor regularly to verify all requirements are being met for graduation.

