

BUSINESS ANALYTICS		(75 HRS.)	Effective Fall 2025
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 grade in MATH 110 or MATH 111 or MATH 113, or a passing grade (D- or better) in MATH 132, MATH 161, or MATH 165, MATH 125
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 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	Prereq 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 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
BUSINESS ANALYTICS CORE REQUIREMENTS:			
BA 305	Introduction to Business Analytics	3.0	Prerequisite or parallel: BA 205, ECON 221 or MATH 181 or MATH 221 or MATH 320 or MATH 321 or PSYS 241 or SOC 382 or equivalent or permission of the department chairperson.
BA 310	Data Visualization for Business Analytics	3.0	Sophomore standing; Permission of the department chairperson.
BA 345	Data Mining for Business Analytics	3.0	Prerequisite or parallel: BA 205 or DANA 100
BA 436	Data Warehouse and Business Intelligence	3.0	Prerequisite or parallel: BA 205 or DANA 100
BA 482	Business Analytics Research	3.0	Prerequisite or parallel: BA 345
BUSINESS ANALYTICS ELECTIVES, SELECT 12 HOURS FROM:			
Choose 6 hours from:	ACC 305 BIS 317 BIS 410 BIS 413 ECON 321, 330, 424 FIN 301 FIN 420 ISOM 300 ISOM 369 LSCM 361 MKG 350,	6.0	See course catalog for prerequisites and course descriptions.

BUSINESS ANALYTICS

Freshman Year

1st semester	Hrs	2nd semester	Hrs
ENG 103 or 104 (placement)	3	ECON 201 (Tier 1)	3
MATH 125 (University Core Foundations)	3	ENG 104 or University Core course	3
MCOB 100	1	ISOM 210	3
FIN 101	1	University Core Course	3
University Core Course	3	General Elective	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
BL 260	3	BA 205	3
MCOB 200	1	University Core Course	3
ISOM 249	3	PFW	2
	16		15

Junior Year

1st semester	Hrs	2nd semester	Hrs
BA 305	3	BA 345	3
MGT 300	3	FIN 300	3
MKT 300	3	ECON 424	3
BA elective*	3	BA elective*	3
University Core Course	3	University Core or General elective	3
	15		15

Senior Year

1st semester	Hrs	2nd semester	Hrs
BA 436	3	MGT 491 (Tier 3)	3
BA 310	3	BA 482	3
BA elective*	3	BA 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.

