

BUSINESS ANALYTICS		(66 HRS.)	Effective Fall 2020	
COURSE	COURSE TITLE	HR	PREREQUISITE(S)	TERM OFFERED
<b>BUSINESS CORE REQUIREMENTS:</b>				
ACC 201	Principles of Accounting 1	3.0	Completed 18 credit hours	Fall/Spring/Summer
ACC 202	Principles of Accounting 2	3.0	ACC 201 with a grade higher than C-	Fall/Spring/Summer
BL 260	Principles of Business Law	3.0	None	Fall/Spring/Summer
ECON 201	Elementary Microeconomics	3.0	MATH 108 recommended	Fall/Spring/Summer
ECON 202	Elementary Macroeconomics	3.0	C or better grade in ECON 201	Fall/Spring/Summer
ECON 221	Business Statistics	3.0	C or better grade in MATH 111, or a passing grade (D- or better) in MATH 132, 161, or 165 and a C or higher grade in ISOM 125 or CS 104, or a passing grade (D- or better) in ISOM 210 or its equivalent, or demonstrated proficiency in Microsoft Excel by examination Parallel: ISOM 210	Fall/Spring/Summer
FIN 300	Principles of Finance	3.0	C or better grade in ACC 201	Fall/Spring/Summer
ISOM 210	Business Information Systems	3.0	None	Fall/Spring/Summer
ISOM 249	Fundamentals of Business Communications	3.0	C or better grade in ENG 104 or in ENG 114	Fall/Spring/Summer
ISOM 351	Operations Management	3.0	ECON 221 or permission of department chairperson	Fall/Spring/Summer
MATH 132	Brief Calculus	3.0	C- or better in MATH 111, or an appropriate score on the SAT/ACT or on the mathematics placement test, or permission of the department chairperson	Fall/Spring/Summer
MCOB 100	Introduction to Miller College and World of Business	1.0	Open only to Miller College of Business Core majors. Other Miller College majors by permission.	Fall/Spring
MCOB 200	Job Search Skills	1.0	Prereq: Credit in MCOB 100 Prereq or parallel enrollment in ISOM 249	Fall/Spring
MCOB 300	Transition to the Profession	1.0	Credit in MCOB 100 Prereq or parallel enrollment in MCOB 200	Fall/Spring
MGT 300	Managing Behavior in Organizations	3.0	Sophomore standing; C or better grade in ECON 116 or 201	Fall/Spring/Summer
MGT 491	Business Policy and Strategic Management	3.0	Senior standing; completion of all Miller College of Business core classes including BL 260, FIN 300, ISOM 249, 351, MGT 300, MKG 300, MATH 132 or 161 or 162 or 165 or 166. <b>No simultaneous enrollment allowed.</b>	Fall/Spring/Summer
MKG 300	Principles of Marketing	3.0	Sophomore standing; minimum grade of C in ECON 116 or 201	Fall/Spring/Summer
<b>BUSINESS ANALYTICS CORE REQUIREMENTS:</b>				
BA 305	Introduction to Business Analytics	3.0	ECON 221 or equivalent with a grade higher than C- or permission of the department chairperson.	Fall
BA 345	Data Mining for Business Analytics	3.0	<i>Prerequisite or parallel:</i> BA 305	Spring
BA 436	Data Warehouse and Business Intelligence	3.0	<i>Prerequisite or parallel:</i> BA 305	Fall
BA 482	Business Analytics Research	3.0	<i>Prerequisite or parallel:</i> BA 345	Spring
ECON 424	Introduction to Econometrics	3.0	Grade higher than C- in ECON 201; passing grade in ECON 321 or MATH 321, or grade higher than a C- in ECON 221 or MATH 221; and passing grade in ECON 202; or permission of the department chairperson.	Spring
<b>BUSINESS ANALYTICS ELECTIVES, SELECT 6 HOURS FROM:</b>				
Choose 6 hours from:	BA 310 CIS 413 ECON 321, 330 ISOM 369 JOUR 482 LSCM 361 MKG 450	6.0	See course catalog for prerequisites and course descriptions.	See department for course offerings.

## BUSINESS ANALYTICS

### Freshman Year

1st semester	Hrs	2nd semester	Hrs
ENG 103 or 104 (placement)	3	<b>ECON 201 (Tier 1)</b>	<b>3</b>
MATH 108 or 111 (placement)	3	ENG 104 or University Core course	3
<b>MCOB 100</b>	<b>1</b>	<b>ISOM 210</b>	<b>3</b>
FIN 101	1	<b>MATH 132 (University Core Foundation)</b>	<b>3</b>
University Core Course	3	University Core Course	3
	14		15

### Sophomore Year

1st semester	Hrs	2nd semester	Hrs
<b>ACC 201</b>	<b>3</b>	<b>ACC 202</b>	<b>3</b>
<b>ECON 202 (Tier 2)</b>	<b>3</b>	<b>MCOB 300</b>	<b>1</b>
<b>ECON 221</b>	<b>3</b>	<b>ISOM 351</b>	3
<b>BL 260</b>	<b>3</b>	University Core Course	3
<b>MCOB 200</b>	<b>1</b>	University Core Course	3
<b>ISOM 249</b>	<b>3</b>	PFW	2
	16		15

### Junior Year

1st semester	Hrs	2nd semester	Hrs
<b>BA 305</b>	<b>3</b>	<b>BA 345</b>	<b>3</b>
<b>MGT 300</b>	<b>3</b>	<b>FIN 300</b>	<b>3</b>
<b>MKT 300</b>	<b>3</b>	<b>ECON 424</b>	<b>3</b>
General elective	3	<b>BA elective*</b>	3
<b>BA elective*</b>	3	General elective	3
	15		15

### Senior Year

1st semester	Hrs	2nd semester	Hrs
<b>BA 436</b>	<b>3</b>	<b>MGT 491 (Tier 3)</b>	<b>3</b>
General elective	3	<b>BA 482</b>	<b>3</b>
General elective	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.*

