

Cleveland State University
Monte Ahuja College of Business
 Bachelor of Business Administration Degree
Business Analytics Major

Fall 2024 – Spring 2025: Recommended Academic Course Sequence

First Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
ENG 101 English I	3		W/C	ENG 102 English II	3		W/C
MTH 148 Mathematics for Business Majors I <i>*Preference MTH 148 OR MTH 167 Precalculus</i>	3		M/QL	BUS 201 Applied Business Statistics +	3	X	M/QL
BU 151 The World of Business	3	X		BUS 193 Special Topic: Business Major Experience	1	X	
ECN 202 Principles of Microeconomics	3		SS	Natural Science Elective & Lab	4		NS/Lab
U S Diversity Elective	3		DIV	IST 203 Spreadsheet Skills and Applications	3	X	
ASC 101 Introduction to University Life	1		INTRO				
Semester Total	16			Semester Total	14		

Second Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
ACT 221 Introductory Accounting I	3	X		ACT 222 Introductory Accounting II	3	X	
OSM 202 Introduction to Business Analytics +	3	X		ECN 201 Principles of Macroeconomics	3	X	SS
GAD 250 Business Communication (W)	3		WAC	IST 331 Database Design and Implementation	3	X	
IST 305 Information Systems in the Business World	3	X		OSM 311 Intro. to Operations Management	3	X	
IST 211 Fundamentals of Systems Development	4	X		ECN 322 Introduction to Econometrics	3	X	
Semester Total	16			Semester Total	15		

Third Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
IST 470 Managing IT Infrastructure	3	X		Arts and Humanities Elective**	3	X	A&H
IST 360 Data Analysis with Python and R	3	X		IST 467 Data Mining	3	X	
IST 480 Data Visualization	3	X		FIN 351 Introduction to Financial Management	3	X	
Arts and Humanities Elective**	3	X	A&H	MKT 301 Fundamentals of Marketing	3	X	
MGT 321 Organizational Behavior	3	X		African American Experience Elective	3	X	DIV
Semester Total	15			Semester Total	15		

Fourth Year

Fall Semester	Credits	Major	Gen Ed	Spring Semester	Credits	Major	Gen Ed
300-400 Elective from list of approved electives	3			IST 486 Cybersecurity Best Practices	1	X	
BUS 351 Bus Society or BLW 411 Business Law	3	X	WAC	MGT 465 Management Strategy and Policy (W)	3	X	WAC/CAP
Information Systems 300 – 400 Elective	3	X		IST 465 Capstone Project	4	X	
300-400 Elective from list of approved electives	3	X		Open Elective	3		
Social Science**	3	X	SS	Natural Science Elective	3		NS
Semester Total	15			Semester Total	14		
Apply for Spring graduation prior to Sep 9th							

Degree Requirements: 120 Credit Hours & required coursework

Fall 2024 – Spring 2025: Bachelor of Business Administration Degree – Business Analytics Major Requirements

Assumptions: college-level readiness in MTH & ENG; no Foreign Language Deficiency. **College/Program Notes:** Bachelor of Business Administration students are required to complete 120 hours of course work that includes university, college, and major requirements. Adhering to the recommended sequence outlined in this document provides a balanced workload and ensures that students will have the proper prerequisites and knowledge for maximum benefit of the courses required for this program.

BBA Degree Academic Grade Requirements: A minimum of a final grade of C or higher is required for the following courses: ENG 100/101, ENG 102, ACT 221, ACT 222, MTH 148 or MTH 167, BUS 201, GAD 250, BLW 411 & MGT 465 or the courses must be repeated. + Courses BUS 201 and OSM 202 cannot be substituted with other courses. ***Preference is completion of MTH 148**

Major Requirements: All Information Systems courses at the 300 level and the 400 level require a final grade of “C” or higher or the course must be repeated. The plan above is an enrollment guideline that follows the required College of Business academic guidelines. Also, the plan ensures all General Education, College, University, and Major requirements are met within 4 years of study. General Electives ensure that a student accumulates the minimum credit hour totals needed for graduation. Students must have a minimum of 120 total credit hours, of which a minimum of 42 credit hours must be upper division (300 or 400-level courses). Depending upon other elective choices made, students may not need as many general electives as indicated above or may need additional electives.

University General Education Key:	SS = Social Sciences (two courses from different departments**)
INTRO = Introduction to University Life (one course)	A&H = Arts & Humanities (two courses from different departments**)
W/C = Writing/Composition (two courses; C or better required)	DIV = Social Diversity (two courses; one US Diversity and one African American Experience)
M/QL = Mathematics/Quantitative Literacy (two courses)	WAC/SPAC = Writing/Speaking Across the Curriculum (three courses, one in the major; C or better required)
NS = Natural Sciences (two courses, one of which must have a lab)	CAP = Capstone
	** One of the four total SS and A&H courses, one must be focused on Africa, Latin America, Asia, or the Middle East (ALAAAME)

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