

Cleveland State University  
**Monte Ahuja College of Business**  
 Bachelor of Science Degree  
 Information Systems Major

**Fall 2025 – Spring 2026: Recommended Academic Course Sequence**

**Student Name:** \_\_\_\_\_ **CSU ID number:** \_\_\_\_\_

***First Year***

Fall Semester	Credits	Major	Core	Spring Semester	Credits	Major	Core
ENG 101 English I	3		FYV	ENG 102 English II	3		RPW
MTH 148 Mathematics for Business Majors I <i>*Preference MTH 148 OR MTH 167 Precalculus</i>	3	X	QFR	BUS 201 Applied Business Statistics +	3	X	QFR
BUS 151 The World of Business	3	X		BUS 193 Special Topic: Business Major Experience	1	X	
IST 203 Spreadsheet Skills and Applications	3	X		Human Culture & Creativity Elective	3		HCC
Inquiry Launch Elective	3		IL	Scientific Inquiry & Investigations Elective	3		SII
				Scientific Inquiry & Investigations Lab Elective	1		SII Lab
<b>Semester Total</b>	<b>15</b>			<b>Semester Total</b>	<b>14</b>		

***Second Year***

Fall Semester	Credits	Major	Core	Spring Semester	Credits	Major	Core
IST 211 Fundamentals of Systems Development	4	X		IST 311 Advanced Prog of Business System	4	X	
IST 305 Information Systems in the Business World	3	X		IST 331 Database Design and Implementation	3	X	
FIN 201 <b>OR</b> ACT 221 (Personal Finance or Accounting I)	3	X		ECN 201 <b>OR</b> ECN 202 Economics	3	X	SHB
GAD 250 Business Communication	3	X	WAC	Scientific Inquiry & Investigations Elective	3		SII
OSM 202 Introduction to Business Analytics +	3	X	QFR & DDL	American Civic Literacy Elective	3		ACL
<b>Semester Total</b>	<b>16</b>			<b>Semester Total</b>	<b>16</b>		

***Third Year***

Fall Semester	Credits	Major	Core	Spring Semester	Credits	Major	Core
IST 321 Systems Analysis Methods	3	X		IST 341 Management of Business Network	3	X	
IST 360 Data Analysis with Python and R	3	X		IST 470 Managing IT Infrastructure	3	X	
OSM 311 Intro to Operations Management	3	X		MKT 301 Fundamentals of Marketing	3	X	
Information Systems 300-400 Major Elective	3	X		General Elective: any COB (300/400) discipline area			WAC
Global Human Perspectives Elective	3		GHP	Information Systems 300-400 Major Elective	3	X	
<b>Semester Total</b>	<b>15</b>			<b>Semester Total</b>	<b>15</b>		

***Fourth Year***

Fall Semester	Credits	Major	Core	Spring Semester	Credits	Major	Core
IST 420 Project Management for IS	3	X		IST 465 Capstone Project	4	X	CAP
IST 467 Data Mining and Predictive Analytics	3	X		Information Systems 300-400 Major Elective	3	X	
BUS 351 Bus Society or BLW 411 Business Law	3	X	WAC	Information Systems 300-400 Major Elective	3	X	
Complexities of Pluralistic Society Elective	3		CPS	General Elective: any COB (300/400) discipline area	3	X	
Information Systems 300-400 Major Elective	3	X		BUS 498 Bus Undergraduate Completion Exit Evaluation	0	X	
				General Elective	1		
<b>Semester Total</b>	<b>15</b>			<b>Semester Total</b>	<b>14</b>		
<b>Apply for Spring graduation prior to Sep 9th</b>							

***Degree Requirements: 120 Credit Hours & required coursework***

**Fall 2025 – Spring 2026: Bachelor of Business Administration Degree – Information Systems 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.

**BS 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, MTH 148 or MTH 167, BUS 201, OSM 202, GAD 250, & BLW 411 or BUS 351 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 Inquiry Core Curriculum, 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.

**Inquiry Core Curriculum Key:**

IL = Inquiry Launch (1 course)  
 FYV = Finding Your Voice (1 course, C or better required)  
 RPW = Research & Professional Writing (1 course C or better required)  
 QFR = Quantitative & Formal Reasoning (2 courses)  
 SII = Scientific Inquiry & Investigations (2 courses & 1 lab)  
 HCC = Human Culture & Creativity (1 course)  
 DDL = Data & Digital Literacy (1 course, can be satisfied by a second QFR course)

GHP = Global Human Perspectives (1 course)  
 ACL = American Civic Literacy (1 course)  
 S/HB = Society & Human Behavior (1 course)  
 CPS = Complexities of Pluralistic Society (1 course)  
 WAC/SPAC = Writing/Speaking Across the Curriculum (2 courses, one in the major; C or better required)  
 CAP = Capstone  
 \*\* Inquiry Launch requirement is waived for transfer students.  
 # One course from the ACL or the CPS category will be waived for students with 60 or more transfer credits.

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