

# BACHELOR OF BUSINESS ADMINISTRATION MAJOR IN MANAGEMENT INFORMATION SYSTEMS AND DATA ANALYTICS

## Degree Requirements Hours Required

120 semester credit hours (SCH): 45 hours must be advanced, with fulfillment of degree requirements as specified in the "Requirements for Graduation" section of this catalog and the General Requirements for Undergraduate degrees at the beginning of this section.

## Requirements

Code	Title	Semester Credit Hours
[University Core Curriculum]		
Select 42 SCH as outlined in the suggested plans and as specified in the "Requirements for Graduation"		42
<b>Math</b>		
MATH 1325	Business Math II	3
<b>Microeconomics Elective</b>		
ECO 2302	Principles of Microeconomics	3
<b>General Electives</b>		
Any 1000-4000 level courses which may include 1 SCH in Life and Physical Science Lab. Vocational or VTF classes are excluded.		6
<b>Communication</b>		
BA 3301	Professional Written Comm	3
<b>Business Foundation</b>		
ACC 2301	Intro to Financial Accounting	3
ACC 2302	Intro to Managerial Accounting	3
DS 2310	Business Statistics I	3
<b>Common Body of Knowledge</b>		
BA 3310	Legal Environment of Business	3
BA 3320	International Business	3
MIS 3310	Management Information Systems	3
ECO 3320	Managerial Economics	3
FIN 3310	Introduction to Finance	3
MGT 3310	Principles of Management	3
MKT 3310	Principles of Marketing	3
POM 3310	Production & Operations Mgt	3
<b>Major</b>		
MIS 2350	Introduction to Programming	3
MIS 3320	Information System Analysis	3
MIS 3330	Database Design Implementation	3

MIS 3340	Data Comm. & Networking	3
MIS 3360	Business Data Visualization	3
MIS 4320	Data Mining and Buss Intel	3
MIS 4360	Social Business Analytics	3
MIS 4380	Business Decision Modeling	3
BA 4390	Business Strategy (must be taken during the final semester prior to graduation)	3
Select 3 SCH any advanced MIS elective		3
Total Semester Credit Hours		120

## Four-Year Degree Plan

Following is a suggested four-year degree plan. Students are encouraged to see their advisor each semester for help with program decisions and enrollment; responsible for reviewing the **Program of Study Requirements**; responsible for meeting all course prerequisites; and must meet **foreign language** and **writing intensive course** requirements for graduation. See Academic Regulations-Undergraduate online.

### Freshman

Fall	Semester Credit Hours	
ENGL 1301 English Composition I	3	
HIST 1301 The US to 1877	3	
MATH 1324 Business Math I	3	
UNIV 1201 Learn a Global Context I	2	
Creative Arts	3	
Life & Physical Science	3	
Life & Physical Science Lab	1	
Semester Credit Hours		18

### Spring

ENGL 1302 English Composition II	3	
HIST 1302 The US Since 1877	3	
MATH 1325 Business Math II	3	
UNIV 1302 Signature Course	3	
Life & Physical Science*	3	
*The 1SCH of Life & Phys. Sci. Lab will apply to Gen. Elective		
Semester Credit Hours		15

### Sophomore

Fall	Semester Credit Hours	
ACC 2301 Intro to Financial Accounting	3	
DS 2310 Business Statistics I	3	
ECO 2301 Principles of Macroeconomics	3	
MIS 2350 Introduction to Programming	3	
PSCI 2305 American National Government	3	
Language, Philosophy & Culture	3	
Semester Credit Hours		18

### Spring

ACC 2302 Intro to Managerial Accounting	3
ECO 2302 Principles of Microeconomics	3
PSCI 2306 American State Government	3

General Elective <sup>1</sup>		3
General Elective <sup>1</sup>		3
Semester Credit Hours		15
<b>Junior</b>		
<b>Fall</b>		
BA 3301	Professional Written Comm	3
BA 3320	International Business	3
MIS 3310	Management Information Systems	3
MIS 3320	Information System Analysis	3
MIS 3340	Data Comm. & Networking	3
Semester Credit Hours		15
<b>Spring</b>		
BA 3310	Legal Environment of Business	3
ECO 3320	Managerial Economics	3
MIS 3330	Database Design Implementation	3
MIS 3360	Business Data Visualization	3
Semester Credit Hours		12
<b>Senior</b>		
<b>Fall</b>		
FIN 3310	Introduction to Finance	3
MGT 3310	Principles of Management	3
MIS 4320	Data Mining and Buss Intel	3
MIS 4360	Social Business Analytics	3
Advanced MIS Elective		3
Semester Credit Hours		15
<b>Spring</b>		
BA 4390	Business Strategy	3
MIS 4380	Business Decision Modeling	3
MKT 3310	Principles of Marketing	3
POM 3310	Production & Operations Mgt	3
Semester Credit Hours		12
Total Semester Credit Hours		120

1. General Elective. Select 6 SCH from any subject at any level.  
Vocational or VTF classes are excluded.

*Actual degree plans may vary depending on availability of courses in a given semester.*

*Some courses may require prerequisites not listed.*