

# BUSINESS ANALYTICS

online

## Bachelor of Science in Business Administration (BSBA)

This is a guide based on the 2024-2025 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

### CURRICULUM CHECKLIST

"Critical Courses" are **italicized and bolded**. Data shows that students who have completed this course in the first two years and have earned the noted grade are most likely to complete this program of study.

#### Business Administration Core – 30 Hours Required

A grade of 'C' is required in each core course.

- \_\_\_ AC221 Principles of Accounting I (3)
- \_\_\_ AC222 Principles of Accounting II (3)
- \_\_\_ BA101 The Business Universe (3)
- \_\_\_ BA490 Business Policy & Strategy (3)
- \_\_\_ BL255 Business Law (3)
- \_\_\_ FI361 Financial Management (3)
- \_\_\_ MG301 Principles of Management (3)
- \_\_\_ MI375 Management Information Systems (3)
- \_\_\_ MK301 Principles of Marketing (3)

#### Choose 3 hours:\*

- \_\_\_ AC540 International Perspectives of Accounting (3)
- \_\_\_ BA560 Topics in International Business (3)
- \_\_\_ BL560 International Business Law (3)
- \_\_\_ EC580 International Economics (3)
- \_\_\_ FI540 International Finance (3)
- \_\_\_ HA560 International Healthcare Administration (3)
- \_\_\_ MG560 International Management (3)
- \_\_\_ MK560 International Marketing (3)

\* International Course taken to meet Business Administration Core requirement may not be counted on a major.

#### Support Courses – 27 Hours Required

Some courses may fulfill General Education requirements.

A grade of 'C' or better is required in each support course.

- \_\_\_ BA252 Business Communication (2)
- \_\_\_ BA452 Professionalism (1)
- \_\_\_ EC215 Principles of Microeconomics (3)
- \_\_\_ EC225 Principles of Macroeconomics (3)
- \_\_\_ **EN140 Rhetoric & Critical Thinking (3)**
- \_\_\_ **MA116 Precalculus A OR MA123 Mathematical Reasoning and Modeling (3)**
- \_\_\_ MI101 Intro to Computer Applications (3)
- \_\_\_ **QM257 Business Analytics I (3)**
- \_\_\_ QM258 Business Analytics II (3)
- \_\_\_ SC105 Fundamentals of Oral Communication (3)

**NOTE:** All 100 and 200 level core and support courses are pre-requisite to all 300-level business core and business major courses.

#### Business Analytics Major - 32 Hours – No Minor Required

##### Required Courses:

- \_\_\_ CS101 Introduction to Computer Programming (3)
- \_\_\_ CS155 Computer Science I (4)
- \_\_\_ CS265 Computer Science II (4)
- \_\_\_ CS453 Machine Learning (3)
- \_\_\_ CS505 Data Mining (3)

##### Choose 3 hours:

- \_\_\_ AC330 Accounting Analytics & Information Systems (3)
- \_\_\_ EC351 Applied Economic Models (3)
- \_\_\_ EC490 Business Forecasting (3)
- \_\_\_ ER561 Business Planning for New Ventures (3)
- \_\_\_ FA315 Retail Buying (3)
- \_\_\_ MG416 Acquiring Talent (3)
- \_\_\_ MG436 Compensating Talent (3)
- \_\_\_ MK345 Intro to Business Research (3)
- \_\_\_ QM352 Quantitative Decision Models (3)
- \_\_\_ QM358 Production/Operations Management (3)

##### Choose 6 hours:

- \_\_\_ AC330 Accounting Analytics & Information Systems (3)
- \_\_\_ AC555 Forensic Accounting Analytics (3)
- \_\_\_ CS433 Data Analytics (3)
- \_\_\_ EC351 Applied Economic Models (3)
- \_\_\_ EC490 Business Forecasting (3)
- \_\_\_ ER561 Business Planning for New Ventures (3)
- \_\_\_ HA540 Healthcare Informatics (3)
- \_\_\_ HA545 Healthcare Database Systems (3)
- \_\_\_ MA530 Statistical Learning (3)
- \_\_\_ MG416 Acquiring Talent (3)
- \_\_\_ MG436 Compensating Talent (3)
- \_\_\_ MK345 Introduction to Business Research (3)
- \_\_\_ QM352 Quantitative Decision Models (3)
- \_\_\_ QM358 Operations Management (3)
- \_\_\_ QM558 Principles of Supply Chain Management (3)

##### Choose 6 hours:

- \_\_\_ AC/BA/BL/CS/CY/EC/ER/FA/FI/HA/HM/MG/MI/MK/QM 300-599

##### Additional requirement:

- \_\_\_ MI001 Microsoft Excel Certification (0)

### SAMPLE FOUR-YEAR PLAN

Fall Semester		Spring Semester		
Course #	Hrs	Course #	Hrs	
<b>FIRST YEAR</b>	UI100	1	CS101	3
	EN100	3	<b>EN140</b>	3
	BA101	3	SC105	3
	<b>MA116 or MA123</b>	3	General Education	3
	MI001	0	General Education	3
	MI101	3		
	General Education	3		
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>	
Milestone: Achieve a minimum 2.25 overall GPA				

<b>SECOND YEAR</b>	AC221	3	AC222	3
	CS155	4	BL255	3
	EC215	3	CS265	4
	<b>QM257</b>	3	EC225	3
	General Education	3	QM258	3
	<b>Total</b>	<b>16</b>		
	<b>AC221</b>	<b>3</b>	<b>Total</b>	<b>16</b>
Milestone: Achieve a minimum 2.25 overall GPA				

<b>THIRD YEAR</b>	BA252	2	BA452	1
	FI361	3	CS453	3
	MG301	3	MI375	3
	MK301	3	Major elective	3
	General Education	3	General Education	3
	<b>Total</b>	<b>14</b>	<b>Total</b>	<b>13</b>
Milestone: Maintain 2.25 overall GPA and 2.25 major GPA				

<b>FOURTH YEAR</b>	CS505	3	BA490	3
	HCBC elective	3	International course	3
	Major elective	3	HCBC elective	3
	Major elective	3	General Education	3
	General Education	3	Elective	3
	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>
Milestone: Maintain 2.25 overall GPA and 2.25 major GPA				

A "Milestone" signifies a significant stage for a student in the completion of a degree.

A minimum 2.25 GPA in the major and overall are required to graduate with a BSBA degree.

**Degree requirements for all students:** a minimum of 120 credit hours, completion of the General Education program, and completion of 39 senior division hours (300-599). Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements for your program.



2024-2025 *degree map*



# BUSINESS ANALYTICS

## Bachelor of Science in Business Administration (BSBA)

**General Education Requirements** – some requirements may be fulfilled by coursework in major program

- Social and Behavioral Sciences – 6 hours
- Constitution Requirement – 3 hours
- Written Communication – 6 hours
- Oral Communication – 3 hours
- Natural Sciences – 7 hours (from two disciplines, one to include a lab)
- Mathematics – 3 hours
- Humanities & Fine Arts – 9 hours (from at least two disciplines)
- Additional requirements – 5 hours (to include UI100 for native students)
- Civics examination

### RETENTION/GRADUATION REQUIREMENTS FOR THE BUSINESS ADMINISTRATION DEGREE PROGRAM

**Retention Requirements:**

Students will be retained as BSBA degree majors providing the following retention criteria are met:

1. An overall cumulative GPA of 2.25.
2. A major GPA of 2.25.
3. A grade of 'C' or better in the BSBA core and support courses with the following prefixes: AC, BA, BL, EC, FI, MG, MI, MK, and QM.

**Dismissal from the BSBA degree program:**

1. BSBA students who complete any core or support courses with a grade of D or F will be notified in writing by the home department for the BSBA major that the course(s) must be completed with a grade of C or better by the end of the next long (fall or spring) semester or they will be placed on probation within the college. Exceptions can be granted with prior approval of the Dean of the college.
2. If students do not complete the course(s) with a C or better on their next attempt, they will be placed on probation within the BSBA program and notified by the department.
3. If students on probation within the college do not complete the course(s) with a C or better in the next long (fall or spring) semester, or by the extension granted by the dean, they will be dismissed from the BSBA degree program.

Students dismissed from the BSBA degree will be notified by the department. Students' advisors will be copied on all correspondence. Students may meet with the department chairperson to discuss the decision to dismiss the student from the BSBA degree. An official request for review of the decision must be received by the chairperson in writing within 10 business days of email notification of dismissal.

**Graduation Requirements:**

1. An overall cumulative GPA of 2.25.
  2. A major GPA of 2.25.
  3. A grade of C or better in all BSBA core and support courses.
- Fifty percent of the business hours counted toward a business degree must be taken at Southeast Missouri State University.

2024-2025 *degree map*

