



Choose  
UMSL

And your major.

# Business Administration BS

## Supply Chain & Analytics Emphasis

*The BSBA with Supply Chain & Analytics emphasis is designed for students who are interested in working in the broad and dynamic areas of purchasing, production, operations and logistics in manufacturing, transportation, healthcare, energy, retail, and food industries. In this program, students gain knowledge and training on the end-to-end processes and functions of source, make, deliver, return and plan. They will also develop analytical skills (descriptive, predictive and prescriptive) for making data-driven decisions to achieve effective and efficient business operations. With the strong support of the Supply Chain & Analytics Advisory Board, the supply chain management emphasis area also provides rich extracurricular activities and internship opportunities to enhance our student experience and success.*

### Career Outlook

Our graduates possess both domain knowledge in the broad umbrella of supply chain and analytics and the full spectrum of descriptive, predictive and prescriptive analytical skills. Our guest speaker and mentorship programs, practicum course and internship opportunities provide students with real world problem solving experience. These enable our graduates to be well-suited for a variety of career opportunities in business and analytics. Graduates with a BSBA supply chain and analytics emphasis are in demand from various industries including but not limited to: manufacturing, transportation, healthcare, energy, retail, food, construction and military. According to the 2020 ASCM Salary Survey, the median salary of one with a bachelor degree in supply chain management is \$78,500.

### Future Career Options

- Sourcing Manager
- Purchasing Manager
- Procurement Manager
- Production Manager
- Operations Manager
- Logistics/Transportation Manager
- Demand Planner
- Resource Planner/Manager
- Inventory Control Officer/Manager
- Load Planner
- Distribution Manager
- Packaging Solutions Specialist
- Transportation Analyst
- Business Analyst

### Skills Developed by Degree completion

- Understand end-to-end supply chain processes and functions
- Understand and explain basic theories and principles in supply chain & analytics
- Apply descriptive analytics to describe and visualize data
- Apply predictive analytics to predict/forecast demand and other business measures
- Apply prescriptive analytics to prescribe and optimize business decisions
- Develop business acumen to address supply chain related issues
- Develop communication skills to effectively interpret analytical solutions
- Apply supply chain knowledge and concepts and engage in real-world problem solving

**4-YEAR ACADEMIC MAP**

*Successful alumni have gone on to fulfill many of the opportunities above. Additional possibilities are taken from the Bureau of Labor Statistics.  
Contact an advisor to discuss additional future career options.*

# Bachelor of Science in Business Administration

## Supply Chain & Analytics Emphasis

Year

1

### FALL SEMESTER (16 credit hours)

MATH 1030: College Algebra (3)

ENGL 1100: First-Year Writing (3)

BUS AD 1000: Introduction to Business, OR

ENT 1100: Introduction to Entrepreneurship (3)

INFSYS 1800: Computers and Information Systems (3)

GEN ED EXPLORE: Humanities & Fine Arts (3)

INTDSC 1003: University Studies (1)

### SPRING SEMESTER (15 credit hours)

BUS AD 1107: Quantitative Methods, OR

MATH 1100: Basic Calculus (3)

ECON 1001: Principles of Microeconomics (3)

INFSYS 2800: Information Systems Concepts and Applications (3)

GEN ED EXPLORE: Humanities & Fine Arts (3)

GEN ED EXPLORE: Math & Sciences (3)

Year

2

### FALL SEMESTER (15 credit hours)

MATH 1105: Basic Probability and Statistics (3)

ACCTNG 2400: Fundamentals of Financial Accounting (3)

ECON 1002: Principles of Macroeconomics (3)

GEN ED CORE: Communication Proficiency (3)

GEN ED CORE: US History & Government (3)

### SPRING SEMESTER (15 credit hours)

ACCTNG 2410: Managerial Accounting (3)

BUS AD 2900: Legal Environment of Business (3)

SCMA 3301: Introduction to Supply Chain & Analytics (3)

GEN ED EXPLORE: Humanities & Fine Arts (3)

Cultural Diversity Requirement (3)

Year

3

### FALL SEMESTER (15 credit hours)

SCMA 3300: Business Analytics and Statistics (3)

MGMT 3600: Management and Organizational Behavior (3)

ENGL 3120: Business Writing (3)

ENT 3100: Applications of Entrepreneurship (3)

Elective (3)

### SPRING SEMESTER (15 credit hours)

FINANCE 3500: Financial Management (3)

MKTG 3700: Principles of Marketing (3)

SCMA 3320: Advanced Supply Chain Management (3)

SCMA Elective (3)

Elective (3)

Year

4

### FALL SEMESTER (15 credit hours)

Global Awareness Course (3)

SCMA Elective (3)

SCMA Elective (3)

Business Elective 3000-4000 Level (3)

Elective (3)

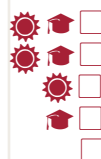
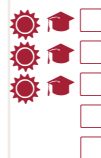
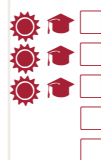
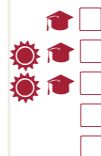
### SPRING SEMESTER (14 credit hours)

MGMT 4219: Strategic Management (3)

& MGMT 4220: Business Assessment (0)

Global Awareness Course (3)

Electives (8)



2023-2024

## 4-YEAR ACADEMIC MAP

This is a sample academic map for the courses to take each academic semester/session. ***This map is not a substitute for academic advisement.*** Contact your advisor when making final selections.



### – University Studies

is required for all first-year students and those with less than 24 credit hours.



### – Milestone courses

should be taken in the order shown to ensure you stay on a timely and accurate path toward graduation.



– **Summer and Intersession courses** Don't forget that summers and winter breaks are a way to fast-track your route to degree completion – and lighten your load during fall and spring!



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an UMSL Triton?  
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