Business Administration BS
with an emphasis in Supply Chain and Analytics

The BSBA with an emphasis in Supply Chain and Analytics 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 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 and 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 posses 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's degree in supply chain management is $78,500.

Future Career Options

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

Skills Developed By Degree Completion

- Understand end-to-end supply chain processes and functions
- Understand and explain the basic theories and principles in supply chain and analytics
- Apply descriptive analytics to describe and visualize data
- Apply predictive analytics to predict/forecast demand and other business measures
- 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

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.

IT STARTS RIGHT NOW

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

MILESTONE COURSES
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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2025-2026 4-YEAR ACADEMIC MAP

Bachelor of Science in Business Administration
with an emphasis in Supply Chain and Analytics

Year 1

FALL SEMESTER (16 credit hours)
- BUS AD 1000: Introduction to Business (3) or ENT 1100: Introduction to Entrepreneurship (3)
- ENGL 1100: First-Year Writing (3)
- INFSYS 1800: Computers and Information Systems (3)
- MATH 1030: College Algebra (3)
- GEN ED EXPLORE: Humanities and Fine Arts (3)
- INTDSC 1003: University Studies (1)

SPRING SEMESTER (15 credit hours)
- BUS AD 1107: Quantitative Methods (3) or MATH 1100: Basic Calculus (3)
- ECON 1001: Principles of Microeconomics (3)
- INFSYS 2800: Information Systems Concepts and Applications
- GEN ED EXPLORE: Humanities and Fine Arts (3)
- GEN ED EXPLORE: Math and Life/Natural Sciences (3)

Year 2

FALL SEMESTER (15 credit hours)
- ACCTNG 2400: Fundamentals of Financial Accounting (3)
- ECON 1002: Principles of Macroeconomics (3)
- MATH 1105: Basic Probability and Statistics (3)
- GEN ED CORE: Communication Proficiency (3)
- GEN ED CORE: US History and 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 Management (3)
- GEN ED EXPLORE: Humanities and Fine Arts (3)
- Global Perspectives Requirement (3)

Year 3

FALL SEMESTER (15 credit hours)
- ENGL 3120: Business Writing (3)
- ENT 3100: Applications of Entrepreneurship (3)
- MGMT 3600: Management and Organizational Behavior (3)
- SCMA 3300: Business Analytics and Statistics (3)
- Elective (3)

SPRING SEMESTER (15 credit hours)
- FINANCE 3500: Financial Management (3)
- MKTG 3700: Principles of Marketing (3)
- SCMA 3320: Advanced Supply Chain and Operations Management (3)
- Supply Chain Management Elective (3)
- Elective (3)

Year 4

FALL SEMESTER (15 credit hours)
- Supply Chain Management Elective (3)
- Supply Chain Management Elective (3)
- Junior/Senior Level Elective (3)
- Global Awareness Course (3)
- Elective (3)

SPRING SEMESTER (14 credit hours)
- MGMT 4219: Strategic Management (3) and MGMT 4220: Business Assessment (0)
- Global Awareness Course (3)
- Elective (3)
- Elective (3)
- Elective (2)

Check once completed