



Master of Science, Supply Chain Analytics

The efficient and timely flow of goods and services across the globe is vital to the world economy. Enterprises rely on teams of highly-trained supply chain professionals and data-driven decision making to manage the supply, production and delivery of products and services. As global trade between countries continues to open, with the ongoing growth of emerging markets and availability of data, and as ecommerce becomes prevalent, there is a growing need to fill the current “talent gap” with managers who have a fundamental knowledge and training in supply chain management and data analytics.

Master of Science, Supply Chain Analytics

The Master of Science in Supply Chain Analytics program is designed to meet the current and future demand for professionals in the broad fields of Supply Chain Management and Business Analytics. In particular, the program produces “Citizen Data Scientists,” as coined by Gartner Research, who bridge the gap between a pure data scientist and a supply chain domain expert and refers to an advanced data analytics professional or data professional who needs or wants to implement machine learning technology.

This STEM-designated 30-credit hour program is designed for students with an undergraduate degree in business, economics, computer science or engineering who would like to apply data science and analytics in the domain of supply chain management. Professionals who currently work in purchasing, operations, logistics and transportation and want to enhance their data and analytical skills to move into management/leadership positions in supply chains and data scientists/analysts who want to gain domain knowledge in supply chain management and be able to communicate better with data scientists will also benefit from this program.

Upon completion of the program, graduates will gain knowledge and training in both supply chain management and business analytics. Students will graduate with in-depth training and skills in data analytics including the three-pillars of analytics (descriptive, predictive and prescriptive techniques) and the application of analytical techniques for data-driven decision-making in supply chain management. Students will also gain a comprehensive knowledge of all aspects of supply chains including purchasing, operations, logistics and transportation.

Flexible by Design

This program was designed with the busy working adult in mind. The program can be completed in 12 to 18 months. Flexible class schedules (day and evening, weekends, 8- or 16-week sessions and course delivery formats (in-person, blended and online) enable students to balance school, work and life.

Serious Education. Serious Value.

The Master's in Supply Chain Analytics at UMSL is earned through our internationally recognized College of Business Administration, ranked among the top 2 percent of business schools in the world thanks to dual AACSB accreditation in both business and accounting.

In 2019, the UMSL Supply Chain Analytics Department was designated as the first Regional International Purchasing and Supply Education and Research Association (IPSERA) Center of Competence in North America.

You'll learn from highly qualified educators and researchers who hold terminal degrees from some of the world's most prestigious academic institutions. They're not only academics, but business practitioners and active consultants who bridge the classroom with the real world.

The University of Missouri–St. Louis provides the knowledge, resources, tools, skills and support students need to be successful in our programs. Designed to accommodate busy adults, the flexibility of this program enables students to boost their credentials while balancing work, family and school life. UMSL is committed to increasing access to higher education, and as such, is consistently ranked number one for affordability in the St. Louis region.

Career Opportunities

Business Analyst
Business Intelligence Analyst
Capacity Manager
Demand Manager
Inventory Manager
Load Planner
Logistics Manager
Logistics and Transportation Analyst
Logistics Resource Planner
Market Analyst
Operations Manager
Production Planner/Manager
Project Manager
Purchasing/Procurement Manager
Supply Chain Analyst
Supply Chain Finance Manager
Supply Chain Planner/Manager
Transportation Manager
Warehouse Manager

College of Business Administration Graduate Business Programs

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Learn more at mba.umsl.edu

The University of Missouri–St. Louis is the largest public research university located in Missouri's most populous and economically important region. UMSL provides high-quality, affordable education to one of the most diverse student bodies in the state. No university is better connected to the surrounding region than UMSL. Seventy-three percent of our graduates stay in St. Louis. The city needs individuals who are well-equipped with valuable business knowledge and skills and UMSL is prepared to meet that need. Choose the University of Missouri–St. Louis for supply chain analytics.

CHOOSE UMSL