

Master's Degree in Logistics

1 Year Online, 9 courses, 36 Credits, Standard for U.S. Masters Degree

The Master's Degree in Logistics provides students with the strategic and operational expertise needed to manage modern transportation and supply chain systems. This 9-course curriculum emphasizes multimodal logistics, including air, rail, water, and trucking, while also covering warehouse operations, transportation policy, and logistics technology. Graduates will be well-prepared to plan, implement, and optimize transportation networks and distribution strategies across diverse industries and global markets. **Courses may be substituted or changed at any time, as curriculums undergo continued revision and updating.**

Foundations of Logistics and Supply Chain Management

Covers the key principles, functions, and challenges of integrated logistics and global supply chain systems. Includes **Logistics Network Design and Optimization**, techniques for designing efficient logistics networks using modeling tools and real-world case studies. 4 Credits.

Freight Transportation Systems: Air, Rail, Water, and Trucking

Detailed overview of the characteristics, regulations, and economics of each major freight mode, including intermodal operations. 4 Credits.

Global Trade and Transportation Policy

Examines international logistics, trade regulations, tariffs, and transportation policy impacting global freight movement. 4 Credits.

Warehouse and Inventory Management

Principles of warehouse layout, automation, inventory control, and fulfillment strategies in logistics operations. 4 Credits.

Transportation Management Systems (TMS) and Technology

Explores software tools for routing, carrier management, freight auditing, and performance analytics. 4 Credits.

Rail and Intermodal Freight Logistics

Focuses on rail system infrastructure, cargo movement, scheduling, and the growing importance of intermodal containers. 4 Credits.

Maritime and Port Logistics

Covers ocean shipping, port operations, vessel scheduling, and global maritime regulations and challenges. 4 Credits.

Air Cargo and Aviation Logistics

Study of air freight operations, airport logistics, carrier selection, and the role of aviation in time-sensitive cargo. 4 Credits.

Trucking and Ground Freight Operations

Addresses fleet management, driver scheduling, DOT compliance, and cost control in over-the-road transportation. 4 Credits.