
EXECUTIVE MASTER OF SCIENCE IN AUTOMOTIVE SUPPLY CHAIN MANAGEMENT



Mike Ilitch
School of Business



Detroit is the birthplace of the automotive industry, and the region remains a global leader in auto manufacturing. In 2014, more than 2.3 million cars and trucks were manufactured in Michigan, accounting for 22 percent of all U.S. vehicle production, and Michigan companies exported \$26 billion in transportation equipment to 165 countries. More than 60 of the world's largest 100 automotive suppliers are headquartered here, and the state is home to 12 assembly plants and 35 component plants serving top vehicle manufacturers.

This results in Southeast Michigan having one of the largest concentrations of supply chain jobs in the world, with a wealth of professionals managing the complex purchasing, production, planning and logistical operations that drive the global auto industry.

The Mike Ilitch School of Business executive master of science in automotive supply chain management offers an intensive curriculum focused on the training and expertise required for careers with vehicle manufacturers, tier-one suppliers and other industry employers.



OUR NETWORK

In addition to formal classroom education, our students benefit from the Ilitch School's strong connections to Detroit automotive companies and with the Automotive Industry Action Group (AIAG), whose members include leading companies throughout the vehicle industry. The WSU-AIAG partnership has been formalized in a network called the Global Automotive Purchasing and Supply Chain Network, and includes joint efforts in executive education and research.

These company and industry relationships provide students with access to cutting-edge research, specialized training modules, realistic industry case studies, and networking opportunities with real-world professionals inside and outside the classroom.

CURRICULUM

The 31-credit executive master of science in automotive supply chain management is designed for working professionals with a bachelor's degree who want to progress in the dynamic field of supply chain management in the automotive industry, as well as new graduates who want to immediately pursue advanced studies. It can be completed in three semesters of full-time study, or approximately two years of part-time study. Courses will be taught by both academic and industry experts.

This program will provide students with the theoretical understanding and applied practical knowledge and skills to be well-informed, creative professionals who have leading-edge knowledge in managing complex manufacturing supply chains. The curriculum is designed to address the specific needs of the auto industry, covering finance, information systems, purchasing, production control, lean management, constraints management, sustainability, risk management, logistics and quality control.

The program will:

- Equip qualified individuals for careers in mid- to senior-level supply chain management positions in the auto industry in related functions of sourcing/supply management, logistics, manufacturing operations and supply chain management.
- Help established supply chain professionals advance in the workplace, build on and update their skills and knowledge, or change career specialization within the broader field of supply chain management.
- Develop students' professional competence in the increasingly technical field of supply chain decision making.

FLEXIBILITY

An advantage of pursuing your graduate studies through the Mike Ilitch School of Business is the flexibility we offer our students. Classes are offered each semester at our main campus in Detroit. Select courses are also offered at WSU's satellite campuses throughout Southeast Michigan, as well as online, allowing you to complete your studies at a pace that accommodates your schedule.

We also offer a full-service Graduate Programs Office to assist and advise you throughout your graduate experience, and a dedicated Career Planning and Placement Office to help you find the job that's right for you.



CORE COURSES

Five courses form the 15-credit backbone of the program, providing the critical skills needed for various specialties within the broader field.

- GSC 7620** Global Supply Chain Management
- GSC 7650** Strategic Procurement
- GSC 7680** Manufacturing Planning and Control
- GSC 7910** Managing Automotive Supply Chain Sustainability
- GSC 7950** Auto Industry SCM Capstone Case Course

ELECTIVES

In addition to taking the 15-credit core curriculum, students must take 16 credit hours of electives.

Finance elective (choose one)

- BA 7000** Managerial Accounting
- BA 7020** Corporate Financial Management

Information systems elective (choose one)

- DSB 6200** Manufacturing and Supply Chain Analytics
(cross-listed as GSC 7670: Special Topics in SCM)
- GSC 7010** Supply Chain Decision Tools

Quality management elective (choose one)

- GSC 7960** Lean Six Sigma
- GSC 7991** Principles of Quality Management
- GSC 7992** Quality Management: Green Belt Preparation

Directed study elective (one credit, required)

There are three critical value added activities in this program: an international experience, training sessions provided in conjunction with AIAG and networking sessions with automotive industry professionals. A combination of these is required and covered as a directed study in supply chain management.

- GSC 7995** Directed Study in Global Supply Chain Management
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Other electives (choose two)

Electives may not be double-counted against the information systems and quality management elective choices.

- DSB 6200** Manufacturing and Supply Chain Analytics
(cross-listed as GSC 7670: Special Topics in SCM)
- GSC 7010** Supply Chain Decision Tools
- GSC 7260** Theory of Constraints: Breakthrough Solutions
- GSC 7670** Special Topics in SCM
- GSC 7920** Supply Chain Process Analysis and Costing
- GSC 7930** Managing Risk in Automotive Supply Chains
- GSC 7940** Buyer-Supplier Relationships in the Auto Industry
- GSC 7960** Lean Six Sigma
- GSC 7991** Principles of Quality Management
- GSC 7992** Quality Management: Green Belt Preparation

GRADUATION REQUIREMENTS

Students enrolled in the program must complete the program within six years of their start date.

Up to six transfer credits for previous equivalent graduate coursework can be applied to the degree if those credits have not been counted toward a degree and are equivalent substitutes, and come from an AACSB-accredited institution. Students transferring to the program from the Ilitch School's M.B.A. with a concentration in global supply chain management may transfer unlimited Wayne State graduate credits in global supply chain management.

A minimum grade point average of 3.0 is required to obtain the degree. A maximum of two courses in which a C has been received may be used to meet graduation requirements, provided this is offset by sufficient A grades to maintain the required 3.0 average.

APPLY NOW

Our two-tiered admission process requires you to be admitted to both Wayne State University's Graduate School and the Mike Ilitch School of Business. The first tier requires you to complete a graduate application for admission, submitting it along with required admission materials to the university's Office of Graduate Admissions.

Applicants must hold a baccalaureate degree from a regionally accredited institution. If your degree is in a non-business discipline, you may be required to complete foundation courses determined by the selection committee. Other admission requirements include a minimum undergraduate overall GPA of 2.75/major GPA of 3.0 (on a 4.0 scale), and a minimum GMAT score of 550.

Please note: GMAT waivers are available for qualified applicants. Contact the Graduate Programs Office for more information.

The second part of the process gets underway when the Office of Graduate Admissions forwards your application materials to the Ilitch School for a comprehensive review. When a decision is made, we will notify the Office of Graduate Admissions, and they in turn will officially notify you regarding the admission decision.

Completing your application to the Office of Graduate Admissions

1. Complete the graduate application for admission at **gradapply.wayne.edu**. *Please note: The academic programs list is alphabetical; you'll find this degree listed as Automotive Supply Chain Management.*
2. Submit official transcripts from all institutions previously attended.
3. Have official GMAT scores submitted directly to Wayne State University (use code 1898).
4. Submit a current résumé.
5. Submit two letters of recommendation from professors or employers.
6. Submit a personal statement.
7. Pay the \$50 application fee.

The application and other required documents are due by:

- July 1 for fall semester admission
- November 1 for winter semester admission
- March 1 for spring/summer semester admission

Submit all application materials and/or questions about the application process by mail or online to:

Office of Graduate Admissions
Graduate School
Wayne State University
5057 Woodward Avenue, Suite 6000
Detroit, MI 48202 USA
313-577-4723

gradadmissions@wayne.edu
gradadmissions.wayne.edu

For further information about the executive master of science in automotive supply chain management, please contact:

Mike Ilitch School of Business
Graduate Programs Office
313-577-4511
gradbusiness@wayne.edu
ilitchbusiness.wayne.edu/gscm





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ilitchbusiness.wayne.edu