
EXECUTIVE MASTER OF SCIENCE IN AUTOMOTIVE SUPPLY CHAIN MANAGEMENT



WAYNE STATE UNIVERSITY

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.



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.

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.



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.

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.

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 two critical value added activities in this program: training sessions provided in conjunction with the Automotive Industry Action Group and networking sessions with automotive industry professionals. A combination of these are required and covered as a directed study in supply chain management.

GSC 7995	Directed Study in Global Supply Chain Management (1 credit)
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This course is designed to provide students with automotive industry produced training programs and conferences. Students are required to participate in the following and provide documentation of participation:

- Completion of three Automotive Industry Action Group (AIAG) online training modules related to quality, sustainability, or supply chain management in general, or other such programs agreed to by the directed study (GSC 7995) course instructor
- Participation in two conferences on broad supply chain management topics produced by the Automotive Industry Action Group (AIAG) or other industry related program approved by the study abroad (GSC 7995) course instructor
- The course will require a term paper on what was learned in these experiences

International experience requirement

Students are required to have an international experience as part of the program. This can be fulfilled by taking one of the Ilitch School Study Abroad two-week courses as follows:

GSC 7650	Strategic Procurement in China
GSC 7910	Managing Automotive Supply Chains Sustainability in Brazil
GSC 7995	Italy Study Abroad
GSC 7995	Central Europe Study Abroad

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

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.
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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, 6th floor
Detroit, MI 48202
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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