

SUPPLY CHAIN MANAGEMENT

The Master of Science-Supply Chain Management at the University of Michigan-Dearborn teaches students how to manage the organizations, people, technology, and resources that transform raw materials into deliverable products.

The degree is open to students from all undergraduate majors.

You may enroll on a full- or part-time basis. The program is offered on campus, and a few of the courses are also occasionally available on-line. You may enroll on a full- or part-time basis during the fall and winter semesters, and some courses are often available during the summer. The program usually can be completed within 12 months of full-time study.

Admission is rolling, and you may begin the program in September or January. May admission is also usually possible for part-time students.

University of Michigan-Dearborn students who have been admitted to the MS-Supply Chain Management may take up to 6 graduate credits during the final semester of their undergraduate program.

MS-Supply Chain Management Program Goals and Objectives

Goal 1: Students will acquire knowledge in supply chain management concepts and tools.

Objectives: MS-Supply Chain Management students will:

- Demonstrate understanding of supply chain management concepts.
- Demonstrate understanding of supply chain management problem-solving tools.

Goal 2: Students will develop skills to address relevant supply chain management issues and problems.

Objectives: MS-Supply Chain Management students will:

- Evaluate supply chain management problems using appropriate problem-solving approaches.
- Effectively communicate supply chain management issues.

MS-Supply Chain Management Admission Prerequisites

- Mathematics admission prerequisite

MS in Supply Chain Management Curriculum

Code	Title	Credit Hours
Core Courses		
All of the following are required:		21
DS 520	Applied Statistical Modeling	
OM 521	Operations Management	
OM 571	Supply Chain Management	
OM 660	Supply Chain Analytics	
OM 661	Supply Chain Logis Mgmt	
OM 664	Strategic Sourcing	

OM 667	Sustainable Operations	
Electives		
Select three courses from the following:		9
DS 570	Prescriptive Business Analytics	
DS 633	Machine Learning for Business Intelligence	
ISM 525	Fundamentals of Information Systems	
ISM 575	Information and Database Management	
ISM 649	Advanced Technologies in Business	
OM 662	Product Dvlpmnt & Tech Mgmt	
OM 663	Lean & Six Sigma	
OM 665	ERP in SCM	
BA 510	Introduction to Business Analytics	
BA 520	AI Fundamentals for Business	
BA 682	Experiential Project	
BA 690	Graduate Research	
BA 691	Graduate Seminar	
BI 500	Business Internship	
Total Credit Hours		30

Previous coursework deemed substantially similar to DS 520 or OM 521 may qualify to exempt students from those courses. Exempt courses must be replaced with other elective courses in the degree program.

In addition, up to 9 transfer credits for previous equivalent graduate coursework can be applied to the degree if those credits have not been counted toward a degree.

Exemptions and transfer credit are granted at the discretion of the program faculty.

Dual Degree, MBA/MS, Supply Chain Management

The dual MBA/MS-Supply Chain Management combines a broad managerial education with specialized training in managing the organizations, people, technology, and resources that transform raw materials into deliverable products.

The degree is open to all students, regardless of their undergraduate major.

The program allows students to receive both the MBA and MS-Supply Chain Management simultaneously upon completion of the required 51-63 credit hours.

All courses in the program are offered on campus; many are also available on-line. You may enroll on a full- or part-time basis during the fall and winter semesters, and some courses are often available during the summer.

Admission is rolling, and you may begin the program in September or January. May admission is also usually possible for part-time students.

University of Michigan-Dearborn students who have been admitted to the MBA/MS-Supply Chain Management may take up to 6 graduate credits during the final semester of their undergraduate program.

MBA Goals and Objectives

Goal 1: Students will have an understanding of the core business disciplines and be able to apply this knowledge to global business situations.

Objectives: MBA students will:

- Demonstrate knowledge of disciplinary concepts, terminology, models, and perspectives.
- Identify business problems and apply appropriate solutions (problem-finding/problem-solving).
- Integrate knowledge across disciplinary areas (integrative thinking).
- Apply knowledge in a global environment.

Goal 2: Students will be effective communicators.

Objectives: MBA students will:

- Demonstrate an ability to effectively communicate in a manner that is typically required of a business professional.

Goal 3: Students will appreciate the importance of ethical/corporate social responsibility principles.

Objectives: MBA students will:

- Identify and explain alternative approaches to ethical/corporate social responsibility issues.

MS-Supply Chain Management Goals and Objectives

Goal 1: Students will acquire knowledge in supply chain management concepts and tools.

Objectives: MS-Supply Chain Management students will:

- Demonstrate understanding of supply chain management concepts.
- Demonstrate understanding of supply chain management problem-solving tools.

Goal 2: Students will develop skills to address relevant supply chain management issues and problems.

Objectives: MS-Supply Chain Management students will:

- Evaluate supply chain management problems using appropriate problem-solving approaches.
- Effectively communicate supply chain management issues.

MBA/MS-Supply Chain Management Admission Prerequisites

- Mathematics admission prerequisite

MBA/MS-Supply Chain Management Curriculum

Code	Title	Credit Hours
MBA Foundation Knowledge		
All of the following are required:		21
ACC 505	Devel & Interp Financial Info	
BE 530	Econ Analysis: Firm & Consumer	

FIN 531	Fin Fundament & Value Creation	
ISM 525	Fundamentals of Information Systems	
MKT 515	Marketing Management	
OB 510	Organization Behavior	
OM 521	Operations Management	
MBA Transformative Knowledge		
Future Ready - all of the following are required:		9
BA 510	Introduction to Business Analytics	
BA 520	AI Fundamentals for Business	
BPS 516	Stakeholder-Centric Management	
Global - Select one course from the following:		3
BE 583	Global Econ: Crisis & Growth	
FIN 655	International Financial Mgt	
MKT 622	Global Marketing	
OB 610	Global Management and Cross-Cultural Strategies	
Decision Making - select one course from the following:		3
BA 605	Managerial Decision Making	
BA 607	Business Disruption in the Digital Age: Machine Learning, Platforms, and the Crowd	
BA 611	Organizational Dysfunction and Wealth Effects	
BA 616	Firm Value and Market Reactions	
MBA Personalized Pathway Electives		
Select a minimum of three graduate courses (9 credits). One graduate elective may be from outside of COB.		9
MBA Capstone		
The capstone course should be taken in the last 1/3rd of the MBA program.		3
BPS 535	Advanced Strategy in Action	
MS-Supply Chain Management Core		
All of the following are required:		18
DS 520	Applied Statistical Modeling	
OM 571	Supply Chain Management	
OM 660	Supply Chain Analytics	
OM 661	Supply Chain Logis Mgmt	
OM 664	Strategic Sourcing	
OM 667	Sustainable Operations	
MS-Supply Chain Management Electives		
Select three courses from the following:		9
DS 570	Prescriptive Business Analytics	
DS 633	Machine Learning for Business Intelligence	
ISM 575	Information and Database Management	
ISM 649	Advanced Technologies in Business	
OM 662	Product Dvlpmnt & Tech Mgmt	
OM 663	Lean & Six Sigma	
OM 665	ERP in SCM	
BA 682	Experiential Project	
BA 690	Graduate Research	
BA 691	Graduate Seminar	
BI 500	Business Internship	

Students may waive ACC 505, BE 530, , FIN 531, ISM 525, MKT 515, or OB 510 if they have equivalent courses in an AACSB business program completed within the previous 10 years and have earned at least a 3.2 post-60 GPA (that is, the GPA in courses taken after the first 60

undergraduate credit hours). Students who do not meet these criteria may request to have their courses evaluated for waiver credit at the time of admission. Students must have earned a B or better in equivalent courses as a part of a degree program completed within the previous 10 years.

Previous coursework deemed substantially similar to DS 520, or OM 521 may qualify to exempt students from those courses. Exempt courses must be replaced with other MS-Supply Chain Management Elective Courses.

Regardless of waiver and exemption credits granted, students must earn at least 51-63 credits in the dual-degree program, including at least 36 credits in the MBA portion of the program.

In addition, up to 9 transfer credits for previous equivalent graduate coursework can be applied to the degree if those credits have not been counted toward a degree.

Exemptions, waivers and transfer credit are granted at the discretion of the program faculty.

Learning Goals

Goal 1 - Students will acquire knowledge in supply chain management concepts and tools.

- Objective 1a - Students will demonstrate understanding of supply chain management concepts.
- Objective 1b - Students will demonstrate understanding of supply chain management problem-solving tools.

Goal 2 - Students will develop skills to address relevant supply chain management issues and problems.

- Objective 2a - Students will evaluate supply chain management problems using appropriate problem-solving approaches.
- Objective 2b - Students will effectively communicate supply chain management issues.