

# SUPPLY CHAIN MANAGEMENT, MS

## Contact

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## Program Description

Supply chain management is an interdisciplinary field that emphasizes cross-functional links and seeks to manage those links to enhance a company's competitive advantage. It involves forecasting, resource allocation, production planning, flow and process management, inventory management, customer delivery, after-sales support and service, as well as a host of other activities and processes familiar and basic to business. Competitive pressures are intense. Sophisticated techniques have been devised to expedite information and financial flows, including on-board computers for trucks and ships, satellite tracking systems, the electronic transmission of order and shipping information, and supply chain finance solutions.

An understanding of supply chain management is an asset to any manager, and there is a strong demand for specialists in the area. Managers attracted to SCM enjoy the variety and challenges in the field, its sophisticated technology, and its importance to the overall economy and the global marketplace. Entrants to the field look forward to an entrepreneurial environment and opportunities to deal with a wide array of people from a variety of organizations. SCM managers also like a hands-on approach. They use sophisticated decision tools, yet they can always envision the underlying physical processes-processes that are familiar enough to be taken for granted, yet subject to managerial initiative and rapid change.

Syracuse University offered the first supply chain program in the country in 1919.

## Student Learning Outcomes

1. Apply industry-standard tools and technologies to facilitate the problem solving process
2. Identify strategic issues and differentiate them from tactical issues
3. Structure problems and perform logical analysis by translating descriptions of a variety of business situations into formal models and analyzing those models in an organized fashion

## Degree Requirements

This is a 30 credit degree program leading to a Master of Science in Supply Chain Management.

With an emphasis on managing risk in today's global supply chains, this 30 credit-hour program consists of the Supply Chain Management core, four of several integrative Supply Chain Management "selective" courses, and a culminating experience. Upon satisfactory completion of all coursework and the culminating experience, students are awarded a Master of Science in Supply Chain Management degree from the Whitman School of Management and Syracuse University.

Code	Title	Credits
<b>Supply Chain Core Classes</b>		
MBC 635	Operations and Supply Chain Management	3
SCM 651	Business Analytics	3

SCM 701	Supply Chain and Logistics Management	3
SCM 703	Principles of Management Science	3
SCM 751	Supply Chain Finance	3

### Selectives

Select 4 courses (12 credits) from the following: 12

SCM 655	Customer Relationship Management with Systems Applications and Products
SCM 656	Project Management
MBC 631	Financial Accounting
MBC 636	Marketing Management
SCM 711	Supply Chain Management Systems
SCM 732	Strategic Sourcing
SCM 740	Green Supply Chain Management
SCM 744	Wine Analytics
SCM 777	Global Supply Chain Management & Risk Mgmt

Relevant Coursework Approved by Faculty Member Credits

### Culminating Experience

Select 1 course (3 credit hours) from the following: 3

SCM 755	Lean Six Sigma
SCM 690	Independent Study (Applied Project)

**Total Credits** 30

## Satisfactory Progress

Students are required to maintain a GPA of 3.0 or higher to meet degree requirements.