

Supply Chain Management (SCM)

Courses

SCM 5602. Global Supply Chain Management. 3 Credit Hours.

Supply chain management encompasses the planning and management of all activities involved in sourcing and procurement, conversion, and all logistics management activities. To do this effectively and efficiently, there is a need for coordination and collaboration with channel partners, which can be suppliers, intermediaries, third party service providers, and customers (i.e., supply chain management integrates supply and demand management within and across companies). This course introduces students to a number of tradeoffs that exist within the supply chain function. As such, it requires much reading, reflection and learning through sharing of ideas. Select readings will be taken for each of following areas - warehousing and inventory management, procurement, transportation, and supply chain strategy and performance.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

MSOM 5401|Minimum Grade of C|May be taken concurrently
OR MSOM 5301|Minimum Grade of C|May be taken concurrently
OR MSOM 5001|Minimum Grade of C|May be taken concurrently.

SCM 5603. Supply Chain Management Analytics. 3 Credit Hours.

This course introduces students to a number of methodologies that exist within the supply chain function and methods of analysis and assessment; the course requires much reading, reflection and learning through concepts, group collaboration, and quantitative solutions. Select topics include: Transportation; Inventory; Forecasting; Procurement; and Strategy and Performance - Aggregate Planning. The course focuses on planning activities for the production process to give management options as to what quantity of materials and other resources are needed so that the total cost of operations of the organization is kept to the minimum over that period.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

MSOM 5401|Minimum Grade of C|May be taken concurrently
OR MSOM 5301|Minimum Grade of C|May be taken concurrently
OR MSOM 5001|Minimum Grade of C|May be taken concurrently.

SCM 5604. Practical Applications in Supply Chain Management. 3 Credit Hours.

Supply chain management (SCM) is the dynamic integration of a business' supply-side activities to maximize customer value and gain a competitive advantage in the marketplace. SCM represents critical decision-making by businesses to develop and implement effective and efficient supply chains. This course utilizes the case study framework, to develop student understanding of complex business supply chain issues. Four integral aspects of the supply chain will be studied and evaluated using four case studies: Sourcing, Distribution, Warehousing, and Inventory Management.

Level Registration Restrictions: Must be enrolled in one of the following Levels: Graduate.

Repeatability: This course may not be repeated for additional credits.

Pre-requisites:

(MSOM 5401|Minimum Grade of C|May be taken concurrently
OR MSOM 5301|Minimum Grade of C|May be taken concurrently
OR MSOM 5001|Minimum Grade of C|May be taken concurrently)
AND (SCM 5603|Minimum Grade of C|May be taken concurrently)