

SUPPLY CHAIN MANAGEMENT

Faculty

Marcia Regina Santiago Scarpin

The objective of the program in Supply Chain Management (minor and major) is to equip students with the management skills needed to be able to manage the flow of goods and provide them with a comprehensive understanding of the important role played by global supply chains in the success of organizations across industries. It is an interdisciplinary approach integrating economics, logistics, operations management, and business concepts.

Experiential learning is available in the form of fund management and internships. These experiences complement the classroom and prepare students for careers in the dynamic financial services industry.

SCM 390 Academic Internships taken for credit are 1-12 credits (up to 12 credits toward graduation; up to 3 credits toward completion of a supply chain management major).

Programs Offered

Major

- Supply Chain Management Major (<https://catalog.concordiacollege.edu/business/supply-chain-management/supply-chain-management-major/>)

Minor

- Supply Chain Management Minor (<https://catalog.concordiacollege.edu/business/supply-chain-management/supply-chain-management-minor/>)

Courses

SCM 310 - Global Supply Chain Management, 3 credits.

Supply chain operating concepts (materials and logistics management) are presented. The dynamic nature of supply chain management for goods and services that impact the global economy are emphasized. Students gain a perspective about inventory operations, distribution, sourcing and procurement systems, postponement, and logistics management within a global context.

Frequency: *Every Year - Second Semester*

Prerequisites: BUS 201

SCM 311 - Logistics Management, 3 credits.

This course provides a comprehensive understanding of logistics and transportation management, emphasizing the critical role they play in modern business operations. Students will explore key concepts, principles, and strategies for the seamless movement of goods, information, and resources across the entire supply chain.

Frequency: *Every Year - First Semester*

SCM 325 - Strategic Purchasing & Sourcing, 3 credits.

The Strategic Purchasing & Sourcing course is designed to provide students with a comprehensive understanding of the key principles, practices, and strategies involved in the purchasing and sourcing functions within modern businesses. The course delves into the fundamental concepts of supply chain management, emphasizing the strategic role of purchasing in achieving organizational objectives.

Frequency: *Every Year - Second Semester*

SCM 335 - Operations Management/Research, 4 credits.

An introduction to the theory and practice of quantitative modeling and optimization, with applications to computer simulation and business resource management. Possible topics include linear and nonlinear programming, network analysis, game theory, deterministic and probabilistic models. Prerequisite: consent of instructor.

Frequency: *Every Year - First Semester*

Corequisites: PEAK 400

Core designations: Mathematics K

This course is PEAK Required