

Fontbonne University

MASTER OF SCIENCE IN SUPPLY CHAIN MANAGEMENT

A program from the Eckelkamp College of Global Business and Professional Studies.

Supply chain management is a vital business process for managing today's complex supplier channels on a global scale. This career field encompasses the lifecycle of products and services as they move along the supply chain from raw material sourcing, to procurement, manufacturing and delivery to the customer. The curriculum focuses on strategies to create collaboration among the supply chain partners that will develop greater value, quality, efficiency and reduce costs throughout the organization.

The 30-credit-hour Master of Science in Supply Chain Management is offered online and can be completed in as little as one year. An 18-credit-hour graduate certificate is also available.

Format: online

Concentrations: Accounting, Management and Nonprofit Management

Certificate: Supply Chain Management

ADMISSION REQUIREMENTS

- A bachelor's degree from a regionally accredited, degree-granting college or university. Official transcript must be received directly from your undergraduate schools.
- Overall grade point average of 2.5 on a 4-point scale.
- A resume indicating applicant's prior work experience.
- A 200-300 word self-statement regarding your interest in your chosen course of study.
- Two letters of recommendation from professional references qualified to judge your experience, character and capacity for college-level learning.
- Applicants whose native language is not English must pass the TOEFL with a score of 71/6.5 IELTS or a Fontbonne-authorized equivalent test.

Applicants with GPA less than required minimum may be considered for admittance on conditional basis after review of academic file.

PREREQUISITES: Macroeconomics and Statistics

Classes completed within the last six years with a final grade of C- or better will count toward prerequisite requirements. Students who need to fulfill a prerequisite may do so at Fontbonne in an accelerated online format or an evening format.

GRADUATE TRANSFER CREDIT

A maximum of six credit hours of previous graduate work may be transferred into the graduate program. Such transfer credit will be approved on a case-by-case basis and must be equivalent to a specific course in the curriculum with a grade of B or better. Credits must have been earned at an accredited, degree-granting institution within the last six years.

GRADUATION REQUIREMENTS

- Business Components Assessment
- Successful completion of the graduate curriculum with a minimum cumulative grade point average of 3.0.

Course Listing: see reverse side >>



“Our program focuses on tactics and strategies to improve organizational performance. We teach students how to influence the direction of the organizations they support and how to facilitate the career advancement they seek to achieve. As an instructor, it is my goal and my privilege to assist in setting them up for such success.”

— Andrew Clones, Fontbonne University Instructor

Admission, graduation requirements and curriculum are subject to change.

APPLICATION AVAILABLE

www.fontbonne.edu/eveonlineapp

FIND OUT MORE

To schedule an appointment or to learn more about our programs, call **314.863.2220** or email scm@fontbonne.edu.

VISIT US ONLINE AT

www.fontbonne.edu/scm.

BUS 561 BUSINESS COMPONENTS ASSESSMENT (0 credits)

This assessment, taken during the student's first term/semester, measures students' knowledge of business common professional components upon entering their program. Graduation requirement.

SCM 540 SUPPLY CHAIN MANAGEMENT (3 credit hours)

This course will examine the basics of Supply Chain Management from new development to working with existing supply chain networks. Topics will include supply chain strategies and design, evaluation and measurement, supplier interaction and support, global supply chain and location decision-making processes and best practices.

SCM 550 MATERIALS MANAGEMENT (3 credit hours)

This course builds upon information from Supply Chain Management with emphasis on material management, manufacturing planning, control systems, purchasing, distribution, logistics transportation and warehouse distribution center (DC) management. The course will focus on materials management, production planning systems, material requirements planning (MRP)/capacity management and inventory fundamentals, including physical inventory and warehouse management, just-in-time (JIT), Lean, total quality management (TQM), Kanban and supply chain metrics.

SCM 560 LOGISTICS IN THE SUPPLY CHAIN (3 credit hours)

This course will examine logistics in the supply chain. Logistics in the supply chain supports customer satisfaction by providing deliverables including transportation, order fulfillment, availability, order lead time and customer service goals. Emphasis is placed on planning the logistics network, measurement issues and practices in the supply chain, transportation cost drivers, order fulfillment process, third party logistics (3PL) and outsourcing and logistics decision support systems.

SCM 570 LEAN PRINCIPLES IN THE SUPPLY CHAIN (3 credit hours)

This course will focus on achieving world-class levels of customer satisfaction, productivity and long-term growth through systematic prevention and elimination of waste and sustained continuous improvement. Topics include value stream mapping (VSM), value stream improvement process (VSIP), accelerated improvement workshops (AIW), total productive maintenance (TPM) and Six Sigma applications.

SCM 580 FINANCE & NEGOTIATION IN THE SUPPLY CHAIN (3 credit hours)

This course examines cost management in the supply chain with cost analysis for decision-making. The course will focus on total cost of ownership, financing the supply chain, supplier price analysis, supplier cost analysis, contract negotiation, contract performance/penalty drivers, make/buy analysis and risk analysis/management. *Prerequisite: Macroeconomics or equivalent needed before enrolling in SCM580.*

SCM 590 APPLIED PROJECT IN SUPPLY CHAIN MANAGEMENT (3 credit hours)

In this course students will manage a project from design, product development, integrated logistics support, material management and optimizing value. Emphasis is placed on contract management, procurement systems, introduction of new systems to the supply chain, managing configurations and data for effective project management, managing change, including new technology, life cycle and quality improvement.

MGT 530 OPERATIONS MANAGEMENT (3 credit hours)

This course focuses on manufacturing and service operations, logistics and quality management. This course will cover topics including logistics systems, lean production and quality management. An applied approach will be taken in this course using analytical techniques to study these issues. *Prerequisite: MTH 115 or equivalent.*

ELECTIVES

A student chooses nine hours of elective credit from graduate courses in the following programs: MBA, MM, MSNP or MSA. Elective credits may be used toward completion of a concentration. *Note: additional prerequisites may apply to some elective or concentration courses.*

CONCENTRATIONS

Optional concentrations are available in Accounting (15 credit hours), Management (15 credit hours) and Nonprofit Management (15 credit hours).

Graduate Certificate in Supply Chain Management (18 credit hours)
Certificate courses are offered only online: SCM 540, SCM 550, SCM 560, and BSA 660. Students are able to pick two of the following: SCM 570, SCM 580, and MPM 530.

Prerequisite coursework for the certificate includes Business Statistics, and Operations Management. Prerequisites may be waived, at the discretion of the Dean, if the applicant has significant supply chain experience.