

SUPPLY CHAIN MANAGEMENT (SCM)

SCM 600 Selected Topics (1-6 Credits)

Management

Exploration of a topic (to be determined) not covered by the standard curriculum but of interest to faculty and students in a particular semester. Repeatable

SCM 651 Business Analytics (3 Credits)

Management

Business analytics including advanced spreadsheets; relational database and SQL queries; statistical analysis in R including multi-linear regression, interactions, tests for regression assumptions, logit, probit; neural networks; and dashboards.

SCM 655 Customer Relationship Management with Systems Applications and Products (3 Credits)

Management

Cross-listed with MIS 655, MAR 655

Integration of marketing, supply-chain and technology management aspects of customer relationship management. Operational, analytical and collaborative processes supported by SAP's integrated software. Actual use of SAP software, including Business Data Warehouse, with best-practice processes.

SCM 656 Project Management (3 Credits)

Management

Elements of successful project management. The organization and planning necessary from requirements definition to project closure. Project management processes and techniques.

SCM 670 Experience Credit (1-12 Credits)

Management

Participation in a discipline or subject related experience. Student must be evaluated by written or oral reports or an examination. Permission in advance with the consent of the department chairperson, instructor, and dean. Limited to those in good academic standing. Repeatable

SCM 690 Independent Study (1-6 Credits)

Management

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department. Repeatable

SCM 701 Supply Chain and Logistics Management (3 Credits)

Management

Quantitative and qualitative analysis of global supply chains, channels of distribution, and logistics networks. Extensive use of cases. Advisory recommendation Prereq: MBC 635, MBC 636, AND MBC 638

SCM 703 Principles of Management Science (3 Credits)

Management

Concepts and development of analytical model building as used in global supply chain decision.

SCM 711 Supply Chain Management Systems (3 Credits)

Management

Double-numbered with SCM 411

Supply chain management systems: electronic communication, scanning, and tracking systems, enterprise-wide transactional systems, material and distribution requirements planning, supply chain planning. Additional work required for graduate students.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

SCM 732 Strategic Sourcing (3 Credits)

Management

Double-numbered with SCM 432

Impact of purchasing and supply chain management on competitive success. Ethical, contractual, and legal issues faced by purchasing professionals. Strategic nature of purchasing, negotiating tactics, and cutting-edge technology used in "world class" purchasing departments. Advisory recommendation Prereq: MBC 635

SCM 740 Green Supply Chain Management (3 Credits)

Management

Double-numbered with SCM 440

This course provides an overview of sustainable supply chain management. It examines how companies are becoming more "green" in their work and across multiple parts of their supply chain work, including procurement, packaging, suppliers, and other inputs. Heavy case-based approach. Additional work required for graduate students.

Advisory recommendation Prereq: MBC 635

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

SCM 744 Wine Analytics (3 Credits)

Management

Double-numbered with SCM 444

This course focuses the analytical techniques used in the wine industry to aid in wine-makers decision-making about operational costs, production, distribution, inventory, sales, and futures pricing. Heavy case-based emphasis. Additional work required for graduate students.

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>)

SCM 751 Supply Chain Finance (3 Credits)

Management

Double-numbered with SCM 451

This course focuses on the supply chain decisions and connects them to the financial performance and financing decisions of companies. It aims to provide an integrated management of supply chain and financial flows. Additional work required for graduate students includes four case study reports.

Shared Competencies: Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

SCM 755 Lean Six Sigma (3 Credits)

Management

Double-numbered with SCM 455

Six sigma process-improvement approach focused on quality, reliability and value to customers. Skills include techniques from the define, measure, analyze, improve and control (DMAIC) approach. Lean concepts from supply chain management. Additional work required of graduate students.

Shared Competencies: Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

SCM 777 Global Supply Chain Management & Risk Mgmt (3 Credits)

Management

Cross-listed with MAR 777

Double-numbered with SCM 477

Topics include: design of global facility networks, containerization and logistical planning across borders, benefits and risks of outsourcing and offshoring while integrating financial and accounting-related matters such as exchange rates, duties, drawbacks and tax differentials.

Prereq: SCM 265

Advisory recommendation Prereq: MBC 616, 638

Shared Competencies: Civic and Global Responsibility (<https://coursecatalog.syracuse.edu/shared-competencies/civic-and-global-responsibility/>)

SCM 960 Doctoral Seminar in Supply Chain Management (3 Credits)

Management

Repeatable

SCM 962 Marketing and Supply Chain Models (3 Credits)

Management

Cross-listed with MAR 962

Statistical/econometric and management science modeling approaches to marketing/supply chain management problem solving.

SCM 990 Independent Study (1-6 Credits)

Management

Exploration of a problem, or problems, in depth. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor(s) and the department.

Repeatable

SCM 999 Dissertation (0-15 Credits)

Management