

SUPPLY CHAIN MANAGEMENT (SCM)

SCM 265 Introduction to Supply Chain Management (3 Credits)

Management

The concepts, issues, and techniques for managing supply chains. Analysis and problems of material and information flows in supply chains.

Prereq: ECN 101 and (MAS 261 or MAT 122 or 221)

Shared Competencies: Critical and Creative Thinking (<https://coursecatalog.syracuse.edu/shared-competencies/critical-and-creative-thinking/>); Scientific Inquiry and Research Skills (<https://coursecatalog.syracuse.edu/shared-competencies/scientific-inquiry-and-research-skills/>)

SCM 280 International Course (1-12 Credits)

Management

Offered through SUAbroad by educational institution outside the United States. Student registers for the course at the foreign institution and is graded according to that institution's practice. SUAbroad works with the S.U. academic department to assign the appropriate course level, title, and grade for the student's transcript.

Repeatable

SCM 300 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.

SCM 400 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 401 Supply Chain and Logistics Management (3 Credits)

Management

Influence of supply chain management and logistics on corporate strategy and profitability. Topics include transportation economics and operations, customer service, and international logistics, as well as other related topics.

Prereq: MAR 255 and SCM 265

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

SCM 403 Introduction to Management Science (3 Credits)

Management

Modeling techniques and applications for managerial decision making.

Prereq: SCM 265 and MAS 261 or MAT 122 or 221

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

SCM 411 Supply Chain Management Systems (3 Credits)

Management

Double-numbered with SCM 711

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.

Prereq: MAR 255 and SCM 265

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

SCM 431 Transportation and Distribution Center Management (3 Credits)

Management

Explores carrier management and operations. Studies distribution center design and operations in-depth. Includes hands-on experience in working real world distribution center and transportation problems.

Prereq: MAR 255 and SCM 265

SCM 432 Strategic Sourcing (3 Credits)

Management

Double-numbered with SCM 732

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.

SCM 440 Green Supply Chain Management (3 Credits)

Management

Double-numbered with SCM 740

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.

Prereq: SCM 265

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

SCM 444 Wine Analytics (3 Credits)

Management

Double-numbered with SCM 744

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.

Prereq: SCM 265

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

SCM 451 Supply Chain Finance (3 Credits)

Management

Double-numbered with SCM 751

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 455 Lean Six Sigma (3 Credits)

Management

Double-numbered with SCM 755

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.

Prereq: SCM 265 and BUA 345

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 456 Introduction to 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.

Prereq: SCM 265

Shared Competencies: Information Literacy and Technological Agility (<https://coursecatalog.syracuse.edu/shared-competencies/information-literacy-and-technological-agility/>)

SCM 459 The Law of Global Business (3 Credits)

Management

Cross-listed with LPP 459

The legal environment of international business: the framework of international law influencing international business. Topics include the international law and organizations, international contracts, carrier liability, customs, and world trade law.

Prereq: SCM 265 and LPP 255

SCM 470 Experience Credit (1-6 Credits)

Management

Participation in a discipline- or subject-related experience. Student must be evaluated by written or oral reports or an examination. Limited to those in good academic standing.

Repeatable

SCM 477 Global Supply Chain Management & Risk Mgmt (3 Credits)

Management

Double-numbered with SCM 777, MAR 777

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

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

SCM 480 International Course (1-12 Credits)

Management

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Repeatable

SCM 490 Independent Study (1-6 Credits)

Management

In-depth exploration of a problem or problems. Individual independent study upon a plan submitted by the student. Admission by consent of supervising instructor or instructors and the department.

Repeatable

SCM 499 Honors Capstone Project (1-3 Credits)

Management

Completion of an Honors Capstone Project under the supervision of a faculty member.

Repeatable 3 times for 3 credits maximum