Supply Chain Management - SCMN

Courses

SCMN 2150/2153 OPS: MANAGEMENT OF BUSINESS PROCESSES (2) LEC. 2. Fundamental concepts, techniques and tools of business processes. May count either SCMN 2150 or SCMN 3150.

SCMN 3710/3713 LOGS: MNGT OF FULFILLMENT PROC (3) LEC. 3. Management of logistics processes involved in meeting customer demand, including inventory, transportation, distribution, and related activities. Fall, Spring. Junior standing.


SCMN 3730 PURCHASING: SUPPLY MANAGEMENT AND SEARCHING (3) LEC. 3. In-depth coverage of purchasing and supply management processes, strategies, and tools. Fall, Spring. Junior standing.

SCMN 3810 PROFESSIONAL DEVELOPMENT IN SUPPLY CHAIN MANAGEMENT (1) LEC. 1. SU. Pr. P/C BUSI 2010. SCMN majors only. Career planning and preparation for supply chain internships and professional experience opportunities. Credit will not be given for both SCMN 3810 and BUSI 3010 or SCMN 4810.

SCMN 3910 PRACTICUM IN SUPPLY CHAIN MANAGEMENT (1) PRA. 3. SU. Pr. SCMN 2150 or SCMN 2153 or SCMN 3710 or SCMN 3713. Departmental approval. SCMN majors only. Cooperatively selected field activity to gain practical SCM experience. Course may be repeated for a maximum of 3 credit hours.

SCMN 3920 INTERNSHIP IN SUPPLY CHAIN MANAGEMENT (0-6) AAB/INT. SU. Pr. SCMN 2150 or SCMN 2153 or SCMN 3710 or SCMN 3713. SCMN majors only. Departmental approval. Professional work experience in a supply chain focused position. Course may be repeated for a maximum of 6 credit hours.

SCMN 4620 SUSTAINABLE SUPPLY CHAIN MANAGEMENT (3) LEC. 3. Pr. (SCMN 2150 or SCMN 2153) and (SCMN 3710 or SCMN 3713). Pressure from customers, policy makers and non-governmental organizations compels companies to address the environmental footprint of their operations and the social impact they have on local communities. This course focuses on the “triple bottom line,” which addresses how a company must strategically incorporate environmental, social and economic dimensions of sustainability into its supply chain decision-making across a global network. Specific topics include ethical sourcing, risk management, transparency, innovation, resource scarcity, waste reduction, carbon emissions and human rights issues.

SCMN 4700 SUPPLY CHAIN PERFORMANCE MANAGEMENT (3) LEC. 3. Pr. (SCMN 3710 or SCMN 3713) and SCMN 3720. SCMN majors only. Understanding and managing supply chain performance through the use of metrics, analysis, and improvement strategies. Fall, Spring.

SCMN 4730 SUPPLY CHAIN TOOLS AND TECH (3) LEC. 3. Pr. SCMN 2150 or SCMN 2153. Tools, techniques and technologies of various supply chain processes.

SCMN 4750 ENTERPRISE SYSTEMS IN SUPPLY CHAIN MANAGEMENT (3) LEC. 2.5. Pr. SCMN 4730 and SCMN 4700. This course provides detailed hands-on training on ERP systems using SAP. The course will cover end to end ERP operation, including procurement, manufacturing, sales & distribution, human resources, cost and management accounting, etc. At the end of this class, students who complete it with a B or above will automatically be eligible for their SAP Recognition Certificate provided they have also passed SCMN 4730 and SCMN 4700 with B or above.

SCMN 4770 SUPPLY CHAIN OPERATIONS MANAGEMENT (3) LEC. 3. Pr. (SCMN 2150 or SCMN 2153) and (SCMN 3710 and SCMN 3720 and SCMN 3730). Review and application of current supply chain strategies processes and information technologies required to compete in today’s global marketplace. The course will focus on presenting key manufacturing management techniques used to balance supply with demand to ensure customer satisfaction.

SCMN 4780 INTEGRATED LOGISTICS STRATEGY (3) LEC. 3. Pr. (SCMN 3710 or SCMN 3713) and SCMN 3720. SCMN 3710 & SCMN 3720 requires a grade of C or better. Strategies and tactics for improving service and financial performance of transportation companies and their customers. Fall.

SCMN 4800 SUPPLY CHAIN STGY:GLOBAL PERSP (3) LEC. 3. Pr. and SCMN 3710 and SCMN 3720 and SCMN 3730. Capstone course providing an intensive study of strategies used to facilitate global flows of product, information, and payments. Fall, Spring.
SCMN 4900 DIRECTED STUDIES IN SUPPLY CHAIN MANAGEMENT (1-3) AAB/LEC. SU. Pr. (SCMN 2150 or SCMN 2153) and (SCMN 3710 or SCMN 3713) and (SCMN 3720 and SCMN 3730). Departmental approval. Advanced individual research of SCM topic under direction of a faculty member.

SCMN 4970 SPEC TOPS IN SUPPLY CHAIN MGNT (3-6) LEC. 3-6. Pr. (SCMN 2150 or SCMN 2153) and (SCMN 3710 or SCMN 3713). Current topics and issues related to the field of supply chain management. Course may be repeated for a maximum of 6 credit hours.

SCMN 5710 ADVANCED PROCESS ANALYSIS (3) LEC. 3. Pr. SCMN 2150 or SCMN 2153. Advanced concepts, techniques and tools for process analysis; process performance; process control; process design. Fall, Spring.

SCMN 5720 QUALITY & PROCESS IMPROVEMENT (3) LEC. 3. Pr. (SCMN 2150 or SCMN 2153) and (BUAL 2600 or STAT 2010 or STAT 2017 or STAT 2510 or STAT 2513 or STAT 2610 or STAT 3010). Fundamentals of process improvement; techniques for performing quality control functions; quality management systems. Fall, Spring.

SCMN 6710 ADVANCED PROCESS ANALYSIS (3) LEC. 3. Advanced concepts, techniques and tools for process analysis; process performance; process control; process design. Fall, Spring.

SCMN 6720/6726 QUALITY & PROCESS IMPROVEMENT (3) LEC. 3. Pr. SCMN 2150 or SCMN 2153. Fundamentals of process improvement; techniques for performing quality control functions; quality management systems. Fall, Spring. Student should have completed a basic statistics course prior to enrolling in SCMN 6720.

SCMN 6900/6906 DIRECTED STUDIES (3) IND. 3. SU. This course is a self-learning course designed to enhance the student's knowledge of a selected topic. The course will be designed individually for each student with agreement between the student and the professor. Coursework may include traditional exams, readings, papers, or more specific projects and tasks depending on the material and the goal of the student. Course may be repeated for a maximum of 9 credit hours.

SCMN 6960/6966 SPECIAL PROBLEMS (3) IND. 3. This course is a self-learning course designed to enhance the student's knowledge of a selected topic. The course will be designed individually for each student with agreement between the student and the professor. Coursework may include traditional exams, readings, papers, or more specific projects and tasks depending on the material and the goal of the student. Course may be repeated for a maximum of 9 credit hours.

SCMN 7600/7606 SUPPLY MNGT AND MANUFACTURING (3) LEC. 3. Pr. BUSI 7150. The management of purchasing, supply and materials management, manufacturing processes related to the fulfillment of supply chain requirements. Spring.

SCMN 7700/7706 DEMAND MNGT & FULFILLMENT (3) LEC. 3. Pr. BUSI 7150. Departmental approval. The management of logistical processes related to the fulfillment of supply chain requirements. Primary topics include tin integrated planning, operations, and performance analysis of demand, inventory, transportation, distribution, and customer relationships. Summer.

SCMN 7776 SUPPLY CHAIN MANAGEMENT (3) LEC. 3. Problems and analysis in the design and management of the retail, industrial and service supply chain.

SCMN 7800/7806 SUPPLY CHAIN STRATEGY (3) LEC. 3. Departmental approval. Advanced study of integrated supply chain theory, strategy, and practice. Topics include network design, collaboration, inventory visibility, process synchronization, information management, and financial analysis. Fall.