

SUPPLY CHAIN MANAGEMENT (SCM)

SCM 206 Logistics and Transportation Management 3

Microanalysis of logistics and transportation services including customer service, distribution operations, and purchasing. Topics include customer service operations, order processing, facility design and operations, carrier selection, transportation costing and negotiation.

Prerequisites: ISM 110.

SCM 260 Essentials of Enterprise Resource Planning (ERP) 3

Provides an overview of enterprise systems and supply chain business processes. It will introduce students to how enterprise systems are used to manage supply chains and make effective business decisions.

Prerequisites: ISM 110.

SCM 302 Operations Management 3

Survey of the operations functions of organizations with emphasis on design and control decisions. Qualitative and quantitative problem-solving methods used to enhance managerial competence in the operations functions.

Prerequisites: ACC 202, ISM 110 and ECO 250 or STA 108.

SCM 304 Managing and Organizing Projects 3

An introduction to modern methods for defining, planning, managing, and controlling large projects. Computer software and network modeling are used to support the efficient scheduling of interdependent activities.

Prerequisites: ISM 110.

SCM 402 Principles of Supply Chain and Procurement Management 3

Roles of distribution and materials management in operations. Topics include inventory and distribution management, procurement, purchasing, logistics and supply chain management. Appropriate software used to facilitate decision-making.

Prerequisites: SCM 206 and ECO 250 or STA 108.

SCM 411 Undergraduate Internship in Supply Chain Management 1-3

Campus monitored, supervised internship experiences in organizations that involve the application of supply chain and operational analysis and methods and the development of professional skills in the field. Internships may be either paid or voluntary and must include a minimum of 50 supervised internship hours per one credit hour earned.

Prerequisites: Minimum 2.50 GPA. ISSC major with a Supply Chain Management concentration and permission of instructor.

SCM 432 Supply Chain Management Project 3

Semester-long project involving Supply Chain Management topics. Activities will include strategic procurement, project planning, assessment and implementation planning, application of SCM knowledge and critical thinking to real world problems.

Prerequisites: SCM 302 and SCM 402.

SCM 498 Independent Study 1-3

Individual study of issues and problems in supply chain management. May include certification components and instruction. Students must arrange time and course requirements with instructor prior to registration.

Prerequisites: Permission of instructor, senior standing, and approval of written plan of study prior to registration.

Notes: May be repeated for a total of 6 semester hours with approval of department head.

SCM 499 Problems in Supply Chain Management 3

Group study and research with class discussion covering current supply chain management topics. Student teams interact with local firms via company projects.

Prerequisites: Permission of instructor.

Notes: May be repeated for a total of 6 semester hours with approval of department head.

SCM 635 Principles of Enterprise Resource Planning using SAP 3

A problem-based approach to SAP and Enterprise Resource Planning concepts. Hands-on learning of integrated SAP software modules for business processes such as sales, logistics, material management, procurement, and human resources.

Notes: Same as ISM 635.

SCM 650 Principles of Supply Chain Management 3

This course presents core knowledge related to supply chain management. It provides insight into the complex, cross-functional elements of demand and supply planning and execution in a global environment.

SCM 651 Analytics for Logistics, Procurement, and Distribution Management 3

Focuses on the analytic tools to make decisions related to procurement, logistics, and distribution management. Topics will include strategic procurement, demand management, sales and operations planning, network design, and location analysis.

SCM 652 Strategic Cost, Procurement, and Supply Chain Finance 3

Overview of strategic cost management and procurement in the supply chain; tactics in effective management of the procurement process and total cost of ownership; management of total supply chain costs.

SCM 678 Project Management for Dynamic Environments 3

Modern methods of defining, planning and executing large scale projects. Computer software and network models are used to support the efficient scheduling of interdependent activities.

SCM 680 Independent Study in Supply Chain Management 3

Explore in-depth contemporary issues of relevance and interest to the student under the guidance of a faculty member.

Prerequisites: Admission to the graduate certificate in Supply Chain, Logistics and Transportation Management (SCLTM).

SCM 682 Executive Mentorship in Supply Chain Management 3

Students in the experimental learning course interact with instructor and mentor to gain in-depth knowledge related to supply chains, logistics and transportation. The mentor is an executive within the industry.

Prerequisites: Admission to the graduate certificate in Supply Chain, Logistics and Transportation Management (SCLTM).

Notes: May be repeated for a maximum of 6 credits.