

# SCM-SUPPLY CHAIN MANAGEMENT

## SCM 3223 Logistics Management 3 Credit Hours

(Crosslisted with MKT 3223) Prerequisite: Student must be approved for degree candidacy by Price College, Marketing 3013 or concurrent enrollment. The physical supply and distribution function in business management, including channel selection, transportation, facility location and materials management; concentrates on the analytical and managerial methods necessary for the development and control of an integrated logistics system. (F, Sp)

## SCM 3323 Purchasing and Buyer Behavior 3 Credit Hours

(Crosslisted with MKT 3323) Prerequisite: Marketing 3013 and declared Marketing or Supply Chain Management major. Consumer and organizational buying processes are examined. Individual and organizational decision-making frameworks, information technology, and the external environment are studied in the context of forming marketing strategies and tactics. Topics include make or buy decision making; supplier development and outsourcing; supplier evaluation, selection, and management; buyer-seller relationships; purchasing capital goods and services; international and electronic commerce; information processing; social and economic influences; preference formation and change; and image creation and positioning. (F, Sp)

## SCM 3440 Mentored Research Experience 3 Credit Hours

0 to 3 hours. Prerequisites: ENGL 1113 or equivalent, and permission of instructor. May be repeated; maximum credit 12 hours. For the inquisitive student to apply the scholarly processes of the discipline to a research or creative project under the mentorship of a faculty member. Student and instructor should complete an Undergraduate Research & Creative Projects (URCP) Mentoring Agreement and file it with the URCP office. Not for honors credit. (F, Sp, Su)

## SCM 3523 Production/Operations Management 3 Credit Hours

Prerequisite: Student must be approved for degree candidacy by Price College. A study of the principles and practices related to production and operations management including product decisions, process planning, project planning, work measurement, plant location, facilities layout, scheduling and associated analytical techniques. (F, Sp)

## SCM 3960 Honors Reading 1-3 Credit Hours

1 to 3 hours. Prerequisite: Admission to Honors Program. May be repeated; maximum credit six hours. Consists of topics designated by the instructor in keeping with the student's major program. The topics will cover materials not usually presented in the regular courses. (F, Sp, Su)

## SCM 3970 Honors Seminar 1-3 Credit Hours

1 to 3 hours. Prerequisite: admission to Honors Program. May be repeated; maximum credit six hours. Subjects covered vary. Deals with concepts not usually treated in regular courses. (Irreg.)

## SCM 3980 Honors Research 1-3 Credit Hours

1 to 3 hours. Prerequisite: Admission to Honors Program. May be repeated; maximum credit six hours. Will provide an opportunity for the gifted Honors candidate to work at a special project in the student's field. (F, Sp, Su)

## SCM 3990 Independent Study 1-3 Credit Hours

1 to 3 hours. Prerequisite: permission of instructor and junior standing. May be repeated once with change of content. Independent study may be arranged to study a subject not available through regular course offerings. (F, Sp, Su)

## SCM 4003 Transportation and Global Logistics 3 Credit Hours

Prerequisite: Student must be approved for degree candidacy by Price College; SCM 3223, SCM 3523, SCM 3323 or MKT 3323; junior standing. Overview of current transportation and supply chain management practices, which is a dynamic process involving a constant flow of information, products, and funds between the supplier, manufacturer, wholesaler, retailer and the consumer. Includes a review of current case studies and provides managerial insights into what is considered the best practices. (F, Sp)

## SCM 4013 Supply Chain Modeling and Decision Making 3 Credit Hours

Prerequisite: SCM 3523 or permission of instructor; student must be approved for degree candidacy by Price College; SCM 3223 or MKT 3223, SCM 3323 or MKT 3323; junior standing. Includes typical operations planning and control. Addresses design of Operations Planning and Control (OPC) systems, typical tasks performed by OPC, key components of OPC, and product and process issues that affect OPC. Topic areas include demand management, sales and operations planning, inventory management, master production scheduling, material requirements planning, distribution requirements planning, capacity planning, production activity control, and ERP. (Sp)

## SCM 4323 Strategic Issues in Supply Chain Management 3 Credit Hours

Prerequisite: SCM 3223 or MKT 3223, SCM 3523 and SCM 3323 or MKT 3323; declared Supply Chain Management major. Supply chain management involves the design, planning, execution and monitoring of the activities in a supply chain to enhance firm value. The purpose of this course is to integrate the content of the individual courses to provide a broader view of the issues facing supply chain managers through case studies and real life supply chain projects. (Sp)

## SCM 4633 Healthcare Supply Chain Management 3 Credit Hours

(Crosslisted with HCB 4633) Prerequisite: MKT 3613 or HCB 3613; student must be approved for degree candidacy by Price College. The healthcare supply chain is a critical core business component of the healthcare delivery system. The purpose of this course is to bring an overview of the healthcare supply chain through the elements of the supply chain, the operational aspects and the strategic aspects of the integration of the supply chain with the clinical delivery of care. (F, Sp)

## SCM 4710 Special Topics in Supply Chain Management 3 Credit Hours

Prerequisite: Departmental permission, Junior standing. Special topics in Supply Chain Management. May be repeated with change in content; maximum credit 6 hours. (Irreg.)

## SCM 4960 Directed Readings 1-4 Credit Hours

1 to 4 hours. Prerequisite: good standing in University; permission of instructor and dean. May be repeated; maximum credit four hours. Designed for upper-division students who need opportunity to study a specific problem in greater depth than formal course content permits. (Irreg.)

## SCM 4970 Special Topics/Seminar 1-3 Credit Hours

1 to 3 hours. Prerequisite: Senior standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)

## SCM 4990 Independent Study 1-3 Credit Hours

1 to 3 hours. Prerequisite: Senior standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)

**SCM 5502 Supply Chain Management 2 Credit Hours**

Prerequisite: graduate standing; departmental permission. Study and analysis of supply chain management for products/services and the dynamic interaction of companies within an integrated supply chain. Topics include: factor guiding companies supply chain development/management; technology as a supply chain tool; positioning of a company in terms of its role as a valuable member of the supply chain; and performance measures used across the supply chain. (F)

**SCM 5522 Production/Operations Management 2 Credit Hours**

Prerequisite: graduate standing, departmental permission, and Mathematics 1743 or equivalent. Examines selected topic areas in operations management and widely recognized approaches to dealing with them. The problem areas include process and capacity design, location selection, forecasting, statistical quality control, process layout, project-management, and material requirements planning. The course involves the application of mathematical modeling as well as understanding the fundamental concepts and terminology associated with the production of goods/services. (Irreg.)

**SCM 5960 Directed Readings 1-3 Credit Hours**

1 to 3 hours. Prerequisite: graduate standing and permission of department. May be repeated; maximum credit twelve hours. Directed readings and/or literature reviews under the direction of a faculty member. (F, Sp, Su)

**SCM 5970 Special Topics/Seminar 1-3 Credit Hours**

1 to 3 hours. Prerequisite: Graduate standing or permission of instructor. May be repeated; maximum credit nine hours. Special topics or seminar course for content not currently offered in regularly scheduled courses. May include library and/or laboratory research and field projects. (Irreg.)

**SCM 5990 Independent Study 1-3 Credit Hours**

1 to 3 hours. Prerequisite: Graduate standing and permission of instructor. May be repeated; maximum credit nine hours. Contracted independent study for a topic not currently offered in regularly scheduled courses. Independent study may include library and/or laboratory research and field projects. (Irreg.)