SCM-SUPPLY CHAIN MANAGEMENT

SCM 2113  Introduction to Logistics and Supply Chain Management  3 Credit Hours
Course is designed to familiarize and present business related topics to majors in other disciplines of study. Topics will vary and may encompass all divisions within the Price College of Business. (F, Sp)

SCM 3113  Principles of Supply Chain Management  3 Credit Hours
Prerequisite: Student must be approved for business degree candidacy; ACCT 2123 or concurrent enrollment; MATH 1743 or MATH 1823 or MATH 1914. Firms of all kinds are attempting to improve their competitive positions by strategically managing the flow of raw materials, work-in-process inventories and finished goods. This course is built around the topic of managing the supply chain that plans, sources, makes and delivers an organization’s good and/or services - from suppliers of raw materials through to the final customer. (F, Sp)

SCM 3123  Procurement and Strategic Sourcing  3 Credit Hours
Prerequisite: Student must be approved for degree candidacy by Price College; SCM 3113; ACCT 2123 or concurrent enrollment; MATH 1743 or MATH 1823 or MATH 1914. Procurement and Strategic Sourcing addresses the processes that facilitate the structure, creation and management of value-added transaction and relationships between supplier and customer organizations in a channel, supply chain, and integrated value system context. (F)

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 3440  Mentored Research Experience  3 Credit Hours
0 to 3 hours. Prerequisites: ENGL 1113 or equivalent, and permission of instructor. Major 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, SCM 3113; ACCT 2123 or concurrent enrollment; MATH 1743 or MATH 1823 or MATH 1914. 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  Global Supply Chain Management  3 Credit Hours
Prerequisite: Student must be approved for degree candidacy by Price College; SCM 3113, SCM 3123, SCM 3223, SCM 3523; ACCT 2123 or concurrent enrollment; MATH 1743 or MATH 1823 or MATH 1914. 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: Student must be approved for degree candidacy by Price College; SCM 3113, SCM 3123, SCM 3223, SCM 3523; ACCT 2123 or concurrent enrollment; MATH 1743 or MATH 1823 or MATH 1914. This course involves the development and application of analytical techniques to model complex supply chains to address strategic, tactical and operational issues. We will address how decisions relating to forecasting, resource allocation, transportation, project management, inventory management and supply networks can be improved through the use of analytical models. (F)

SCM 4323  Strategic Issues in Supply Chain Management  3 Credit Hours
Prerequisite: Majors only and SCM 3113. 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; ACCT 2123 or concurrent enrollment; MATH 1743 or MATH 1823 or MATH 1914. 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 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 5402**  Logistics, Distribution and Transportation Management  2 Credit Hours
Prerequisite: Graduate Standing; departmental permission; and
SCM 5502 or concurrent enrollment. This course explores logistics,
distribution, and transportation management by leveraging current events
and case studies. Topics include planning, controlling, implementing,
forwarding, and reversing the flows of goods, services, and information.
This is an integrated course meant to offer a framework to improve
personal managerial skills and professionalism in supplies management
practices through analyzing logistics activities. (Irreg.)

**SCM 5422**  Strategic Sourcing and Supply Management  2 Credit Hours
Prerequisite: Graduate Standing; departmental permission; and
SCM 5502 or concurrent enrollment. Recognized as one of the key areas
in supply chain management, strategic sourcing and supply management
plays a role in maximizing value in the integrated supply chain. We will
discuss advanced concepts, analytical tools, strategic and practical
issues, and solutions in strategic sourcing and supply management
across multiple major industry sectors. (Irreg.)

**SCM 5502**  Fundamentals of Supply Chain  2 Credit Hours
Prerequisite: Graduate standing; departmental permission. This course
dives into the fundamentals of supply chain and is divided into five
sections, including (1) supply chain management: an overview, (2) supply
issues in supply chain management, (3) operations issues in supply chain
management (4) distribution issues in supply chain management, and (5)
integration issues in supply chain management. (F)

**SCM 5522**  Planning and Operations Management  2 Credit Hours
Prerequisite: Graduate standing; departmental permission. In this
course, we will discuss advanced concepts of operations planning,
operations functions, current operations management practices,
analytical techniques related to operations management problems, and
applying these concepts and techniques in practice. (Irreg.)

**SCM 5562**  Supply Chain Excellence in a Global World  2 Credit Hours
Prerequisite: Graduate Standing; departmental permission; and
SCM 5402 or concurrent enrollment; and SCM 5422 or concurrent
enrollment; and SCM 5522 or concurrent enrollment. Supply Chain is truly
global in today's world markets, and an up-to-date perspective is needed
as the world is changing daily. Logistics is a key driver of globalization,
and a facilitator of international trade and development with an ever
search for excellence. We will focus on interdependent flows: materials,
data, and resources worldwide, with a lens on quality and distinction.
(Irreg.)

**SCM 5572**  Modeling, Analytics, and Decision Making  2 Credit Hours
Prerequisite: Graduate standing; departmental permission; and SCM 5402
or concurrent enrollment; and SCM 5422 or concurrent enrollment; and
SCM 5522 or concurrent enrollment. This course will provide an overview
of analytical techniques used to model complex supply chain problems
to address strategic, tactical, and operational issues. We will address
how decisions relating to forecasting, resource allocation, transportation,
project management, inventory management, and supply networks can
be improved by analytical models. (Irreg.)

**SCM 5582**  Current Topics in Supply Chain Management  2 Credit Hours
Prerequisite: Graduate standing; departmental permission; and SCM 5402
or concurrent enrollment; and SCM 5422 or concurrent enrollment; and
SCM 5522 or concurrent enrollment. Supply chain management occurs in
a world that is constantly changing. This course is designed to examine
the current issues and challenges that face the supply chain managers
and executives during the period that this course is taught. (Irreg.)

**SCM 5602**  Integrated Supply Chain Capstone  2 Credit Hours
Prerequisite: Graduate standing; departmental permission; and
SCM 5562 or concurrent enrollment; and SCM 5572 or concurrent
enrollment; and SCM 5582 or concurrent enrollment. The student
will gain an understanding of strategic sourcing and SCM and will
develop critical thinking skills involving how the components of supply
chain management work together to create value. The student will be
introduced to decision analytic tools and their use in decision-making in
SCM to develop an appreciation of the impact on the performance of the
company. (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.)