SUPPLY CHAIN MANAGEMENT (SCMT)

SCMT 2000 SURVEY OF SUPPLY CHAIN MANAGEMENT (3 credits)
The principles and methods involved in supply chain management with emphasis on creating customer value. This course makes extensive use of company tours, plant visits and industry professionals to introduce students to the global dimensions of supply chain management and related disciplines such as IT, HR management, marketing, transportation, logistics, operations management, project management and production scheduling. Prerequisite(s)/Corequisite(s): Sophomore standing and 2.33 GPA. Not open to non-degree graduate students.

SCMT 3000 MANAGERIAL ACCOUNTING FOR SUPPLY CHAIN MANAGEMENT (3 credits)
This course highlights the important role of a managerial accountant in managing a global supply chain and covers the key accounting techniques for supply chain management. Prerequisite(s): ACCT 3000 or equivalent. Not open to non-degree graduate students.

SCMT 3410 SUSTAINABLE SUPPLY CHAIN MANAGEMENT (3 credits)
Sustainable supply chain management is the design and management of business processes within and across organizational boundaries to meet the needs of the end customer. The overall goal of this course is to provide students with an understanding of present day issues and policies related to establishing a sustainable, competitive advantage through efficient use of resources and collaboration with external business partners. Students will develop critical thinking skills focused on business process analysis and the use of key performance indicators. Prerequisite(s)/Corequisite(s): Sophomore standing; GPA of 2.5 or better; or by permission of instructor. Not open to non-degree graduate students.

SCMT 3500 OPERATIONS MANAGEMENT (3 credits)
The course is designed to introduce students to strategic, tactical, and control decisions in manufacturing and service operations. Students will learn how operations integrate all other business processes for competitive advantage. It covers current applications of quality concepts, business process reengineering, supply-chain management, lean systems, and ERP systems for business operations efficiency and effectiveness. Prerequisite(s)/Corequisite(s): BSAD 2130 or BSAD 3160, and MGMT 3200 or MKT 3200 with a grade of C (2.0) or better and cumulative GPA of 2.5 or higher. Not open to non-degree graduate students.

SCMT 4160 INTRODUCTION TO ENTERPRISE RESOURCE PLANNING (3 credits)
Introduction to Enterprise Resource Planning (ERP) is designed to expose students to the primary enterprise application that forms the information systems (IS) infrastructure for most large organizations today. The primary purpose of this course is for students to gain an understanding of the enterprise-wide, cross-functional nature of ERP software. In the process of learning about ERP systems, the students develop "hands on" experience with the largest and most well-known ERP application, SAP. Prerequisite(s)/Corequisite(s): CIST 2100 or equivalent. Not open to non-degree graduate students.

SCMT 4330 PROJECT MANAGEMENT (3 credits)
This course will focus on the planning and execution of complex projects within an organization. Students will learn how to conduct stakeholder analysis, plan the scope of a project, develop a project budget, lead a project team, and define the steps necessary to bring a complex project to a successful conclusion. Students will recognize how the strategy, structure, and culture of an organization can be used to identify and prioritize complex projects. Prerequisite(s)/Corequisite(s): MGMT 3490 with a grade of C- or better and a 2.5 GPA; or permission of the instructor. Not open to non-degree graduate students.

SCMT 4350 GLOBAL SOURCING AND INNOVATION (3 credits)
This course will focus on global suppliers as partners in the development and commercialization of new products. Students will learn about open innovation and the integration of internal and external business systems focused on new product innovation. Students will develop an understanding of regulatory policies related to information sharing and the intellectual property rights of buyers and suppliers. Prerequisite(s)/Corequisite(s): SCMT 3410; GPA of 2.5 or better; or by permission of instructor. Not open to non-degree graduate students.

SCMT 4370 SUPPLY CHAIN ANALYTICS (3 credits)
This course focuses on the integration of supply chain management through the use of key performance indicators. Key concepts in this course include data visualization, supplier performance metrics, service-dominant logic, and the supply chain for data. Specific topics include the influence of the empowered customer on supply chain metrics, using metrics to develop a competitive advantage, data-driven decision making, and the four stages of actionable intelligence. Prerequisite(s)/Corequisite(s): MGMT 3490 with a grade of C- or above, at least a cumulative GPA of 2.5, or permission of instructor. Not open to non-degree graduate students.

SCMT 4380 INDUSTRIAL PURCHASING AND LOGISTICS MANAGEMENT (3 credits)
This course will focus on the strategic procurement of products and services in order to gain a competitive advantage through integrated supply management. Students will learn about strategic supply management, contract negotiation, and supplier quality management. Students will develop an understanding of supplier performance management through the use of supply chain information systems. Prerequisite(s)/Corequisite(s): MGMT 3490; GPA of 2.5 or better; or by permission of instructor. Not open to non-degree graduate students.

SCMT 4450 MANAGERIAL NEGOTIATION STRATEGIES (3 credits)
This course introduces students to the theory and practice of negotiation. The ability to negotiate successfully rests on a combination of analytical and interpersonal skills. In this course we will develop a set of conceptual frameworks that should help students better analyze negotiations in general and prepare more effectively for future negotiations in which they may be involved. This course is designed to help students better understand the theories, processes, and practices of negotiation, as well as conflict resolution and relationship management so that students can be more effective negotiators in a wide variety of situations. Prerequisite(s)/Corequisite(s): MGMT 4450, BSAD 8456

SCMT 4540 SUPPLY CHAIN MANAGEMENT INTERNSHIP (1-3 credits)
Students engage in part-time employment in supply chain management to gain relevant business experience and to practice the skills and concepts learned in the classroom. Work assignment must encompass duties related to the field of supply chain management (i.e., purchasing, scheduling, supplier relations, materials management, or logistics). Prerequisite(s)/Corequisite(s): SCMT 3410, GPA of 2.5 or better, AND permission of instructor. Not open to non-degree graduate students.