

SUPPLY CHAIN AND OPERATIONS MANAGEMENT (SCM)

SCM 533 Supply Chain Logistics Planning (3 Units)

Prerequisite: SCM 675. Emphasizes the importance of planning in the development of the domestic and global supply chain logistics system that includes transportation, inventory, warehousing and procurement. (Formerly 6500:533)

SCM 655 Management of Operations (3 Units)

Prerequisites: MGMT 650, MGMT 651, and ISM 652. An investigation of the issues directly related to the management of operations at the strategic, tactical and operational levels of the organization. (Formerly 6750:655)

SCM 656 Management of Global Supply Chain & Operations (3 Units)

Prerequisite: HRM 600 or equivalent or permission of instructor. Study and explore the elements and issues related to globalization of supply chain, production and service operations. (Formerly 6500:656)

SCM 662 Supply Chain Analysis (3 Units)

Prerequisite: SCM 675. Application of quantitative models in the analysis and design of systems in the supply chain and in manufacturing and service operations environments. (Formerly 6500:662)

SCM 665 Management of Technology (3 Units)

Survey of the principles and management practices of technology driven organizations are discussed with concepts, models and case studies for managers of technology intensive operations. (Formerly 6500:665)

SCM 669 Polymer Management Decisions (3 Units)

Introduces major polymer concepts, production processes, and uses of polymeric materials in an easy-to-comprehend interdisciplinary instructional way. Industrial case studies will help integrate enterprise-wide innovation and technology management related decisions. (Formerly 6500:669)

SCM 670 Management of Supply Chains and Operations (3 Units)

An overview of the issues directly related to the management of supply chains and operations at the strategic, tactical, and operational levels of the organization. (Formerly 6500:670)

SCM 673 Quality & Productivity Techniques (3 Units)

Prerequisite: MGMT 601. Introduction to techniques for improving productivity and quality, including statistical process control (SPC), material requirements planning (MRP), just-in-time (JIT) inventory control and management of the program. (Formerly 6500:673)

SCM 675 Global Supply Chain Management (3 Units)

Prerequisite: Graduate Standing. Focuses on the integration of activities and information/material flows across multiple organizations that comprise the supply chain, and the relationships among those organizations. (Formerly 6500:675)

SCM 677 Supply Chain Sourcing (3 Units)

Prerequisite: SCM 670. Introduces the student to fundamental sourcing concepts as well as the scope of responsibility and critical roles of the sourcing function within the principal organization in a supply chain network. (Formerly 6500:677)

SCM 680 Supply Chain Logistics Management (3 Units)

Prerequisite: SCM 670. Emphasizes the importance of planning and operation of supply chain logistics systems that includes transportation, inventory and warehousing, with particular emphasis on international logistics, regulations and documentation. (Formerly 6500:680)

SCM 682 Management of Service Operations (3 Units)

Application of operations and systems analysis to services organizations. (Formerly 6500:682)

SCM 685 BioInnovation and Design (3 Units)

Bring together students with different academic backgrounds to work in teams and identify and develop new medical technologies and solutions to health care problems. (Formerly 6500:685)