Logistics (LOG)

Courses

LOG A378 Foundations of Logistics and Supply Chain Management 3 Credits
Introduction to managerial theory and practice as applied to logistics and supply chain management. Management of procurement, storage and the movement of goods and material are discussed. The concept of total logistics cost is evaluated.
Registration Restrictions: College of Business and Public Policy majors must be admitted to upper-division standing.
Prerequisites: LOG A378 with a minimum grade of B.

LOG A379 Transportation Management 3 Credits
Study of the structure and operating characteristics of the major modes of transportation. Managerial techniques are applied to transportation decision-making. Procurement and choice of for-hire transportation services are discussed within supply chain management.
Registration Restrictions: College of Business and Public Policy majors must be admitted to upper-division standing.
Prerequisites: LOG A378 with a minimum grade of C.

LOG A415 Purchasing Management 3 Credits
Study of purchasing activities and cost management techniques. Discusses reverse auctions, contracting, and ethics in purchasing.
Registration Restrictions: College of Business and Public Policy majors must be admitted to upper-division standing.
Prerequisites: LOG A378 with a minimum grade of C.

LOG A416 International Logistics and Transportation Management 3 Credits
Study of the logistics activities of international firms. Analyzes international trade and transportation. Issues of international business structures, customs documentation, currency exchange rates, and international marketing are discussed.
Registration Restrictions: College of Business and Public Policy majors must be admitted to the upper-division standing.
Prerequisites: LOG A378 with a minimum grade of C and LOG A379 with a minimum grade of C.

LOG A417 Materials Management 3 Credits
Study of the management of material flows from the supplier to the end customer; from the raw materials dug out of the ground to retail items purchased by customers. Operation and cost analyses are discussed and applied to materials management.
Registration Restrictions: College of Business and Public Policy majors must be admitted to the upper-division standing.
Prerequisites: LOG A378 with a minimum grade of C and LOG A379 with a minimum grade of C.

LOG A495 Internship in Global Logistics and Supply Chain Management 3 Credits
Work experience in an approved position with supervision and training in various phases of global logistics and/or supply chain management within a business organization.
Registration Restrictions: College of Business and Public Policy majors must be admitted to upper-division standing, GPA of 3.0 in major, GPA of 2.75 overall, and permission of major advisor.
Prerequisites: LOG A378 with a minimum grade of B.

LOG A661 Supply Chain Strategic Planning 6 Credits
Study of supply chain management as corporate strategy within a globally competitive environment. Theories of strategy and the principles of financial accounting are used to evaluate various supply chain systems. Logistical processes within supply chains are assessed in terms of their structure and efficiency.
Registration Restrictions: Admission to the Master of Science, Global Supply Chain Management Program and completion of GMAT
Prerequisites: LOG A662.

LOG A662 Supply Chain Knowledge Management 6 Credits
Study of theories, information systems, and practices used to share information and knowledge within the community of practitioners operating in a global supply chain. Challenges and opportunities associated with applying information technology to supply chain systems are evaluated.
Registration Restrictions: Admission to the Master of Science, Global Supply Chain Management Program and completion of GMAT
Prerequisites: LOG A661.

LOG A663 International Supply Chain Management and Marketing Strategies 6 Credits
Study of logistical activities of international businesses. Sourcing, manufacturing, marketing, and transportation are assessed in a cross-border, cross-cultural context. The impacts of import-export practices, foreign direct investment, and trade policy on supply chain management are determined and evaluated.
Registration Restrictions: Admission to Master of Science, Global Supply Chain Management Program and completion of GMAT
Prerequisites: LOG A661.

LOG A664 Supply Chain Management Leadership 6 Credits
Study of the human factors involved in effective supply chain management. Techniques for motivation, human resource management, evaluation of organizational culture and change, leadership, and negotiation are developed and assessed.
Registration Restrictions: Admission to Master of Science, Global Supply Chain Management Program and completion of GMAT
Prerequisites: LOG A661.

LOG A665 Supply Chain Measurement 6 Credits
Study of the tools needed to measure and sell the value created by logistics throughout the supply chain. An evaluation of factors of complexity and their impact on the creation of value. Physical valuation will be determined through the techniques of supply chain modeling and computer-based simulation. Financial valuation will be determined through activity-based cost accounting and capital budgeting techniques.
Registration Restrictions: Admission to Master of Science, Global Supply Chain Management Program and completion of GMAT
Prerequisites: LOG A661.

LOG A666 Supply Chain Measurement 6 Credits
Study of the tools needed to measure and sell the value created by logistics throughout the supply chain. An evaluation of factors of complexity and their impact on the creation of value. Physical valuation will be determined through the techniques of supply chain modeling and computer-based simulation. Financial valuation will be determined through activity-based cost accounting and capital budgeting techniques.
Registration Restrictions: Admission to Master of Science, Global Supply Chain Management Program and completion of GMAT
Prerequisites: LOG A661.

LOG A678 Strategic Logistics and Global Supply Chain Management 3 Credits
Study of logistics and supply chain management as related to strategic activities within domestic and international organizations. Analyzes and evaluates decision-making with respect to outsourcing, purchasing, environmental impact, and supply chain security.
Registration Restrictions: Graduate standing