SUPPLY CHAIN MANAGEMENT (SCM)

SCM 301 Principles of Supply Chain Management Credits: 3
Typically Offered: Fall, Spring.
Course Description: Introduction to supply chain management and related topics including purchasing, demand planning, logistics, and quality. Business processes and their integrative nature will be examined as part of the course. **Prerequisite(s):** General Studies Mathematical Sciences, Written & Oral Communication Knowledge areas, and GBA 210.

SCM 401 Demand Planning and Management Credits: 3
Typically Offered: Fall, Spring.
Course Description: Strategies and concepts related to managing and linking demand with production and customer relationship management. Topics include forecasting, sales and operations planning, customer service, distribution channels, service marketing, service quality assurance and measuring customer satisfaction. **Prerequisite(s):** Admission to the School of Business.

SCM 411 Transportation and Logistics Credits: 3
Typically Offered: Fall, Spring.
Course Description: Economic, operating, and service characteristics of the various modes of transportation. Factors that influence transport demand, costs, market structures, carrier pricing, and carrier operating and service characteristics and their influence on other supply chain costs and performance. **Prerequisite(s):** MGT 416.

SCM 412 Quality Management and Continuous Improvement Credits: 3
Typically Offered: Fall, Spring.
Course Description: The role of quality in production and service environments and its impact on the competitive position. Strategic issues, philosophies and tools such as Six Sigma and SQC used to control quality are included. Continuous improvement is also explored. **Prerequisite(s):** SCM 301 and admission to the School of Business.

SCM 420 Strategic Sourcing Credits: 3
Typically Offered: Fall, Spring.
Course Description: Sourcing strategies, concepts, and tools in the context of the integrated supply chain. Focuses on upstream supply chain activities. Topics include make or buy decisions, supplier evaluation and selection, global sourcing, costing, contracts and legal terms, negotiation, and purchasing ethics. **Prerequisite(s):** SCM 301 and admission to the School of Business.

SCM 422 Supply Chain Analytics Credits: 3
Typically Offered: Fall, Spring.
Course Description: Focuses on the process of discovering relationships and patterns in big data. Actual big data sets will be used in a hands-on environment. **Prerequisite(s):** MGT 416.

SCM 480 Strategic Supply Chain Management Credits: 3
Typically Offered: Fall, Spring.
Course Description: Focuses on integrated business processes and application of the supply chain management theories, concepts, and methods through the use of readings, case studies, projects, hands-on experiences in ERP, and industry speakers. **Prerequisite(s):** SCM 401, SCM 411 and SCM 420.