Supply Chain Management

Once accepted into the Supply Chain Management program, you will follow the course of study below:

SCM 310 Intermediate Supply Chain Management
The concepts, principles, and methods used to plan, organize, and manage supply chain elements in a global environment. A balanced view of logistics, distribution, operations and purchasing is covered along with the integration among supply chain members of these vitally important areas.

Prerequisite(s): Business Administration 331 or 337. Registration Restriction(s): Majors in the College of Business Administration.

Select two:

SCM 411 Supply Chain Modeling and Analysis
Introduction to the principal analytical tools and methods that are used in supply chain management, including experience in solving relevant supply chain and logistics problems. Heavy emphasis on the use of Microsoft Excel functions and add-ins to develop modeling skills including decision analysis, heuristics, network design, delivery routing and transportation mode selection.

Prerequisite(s): 310 with grade of C or better. Registration Restriction(s): Majors in the College of Business Administration.

SCM 412 Supply Chain Information Technology
Introduces students to supply chain management (SCM) technologies, including a broad range of information technology (IT) capabilities form automating data capture to facilitating supply chain design. Content spans computer technology, including large server-based, data intensive software to PC-based decision technology to the current trend toward Web-based software and cloud computing. The course aims to develop and produce supply professionals who have an understanding of and appreciation for the role of IT in managing supply chains.

SCM 413 Supply Chain Operations
Analysis of supply chain operations and management techniques applied to manufacturing, transportation, warehousing, and distribution center operations.

SCM 421 Global Strategic Sourcing
Addresses the processes that facilitate the structure, development, and management of value added transactions and relationships between supplier and customer organizations in a global supply chain context. The course examines the management of the business purchasing function, including supplier selection and development, quality control, cost management, and performance measurement.

SCM 460 Global Strategies for Supply Chain Management
Capstone course with emphasis on strategic supply chain management from a global perspective. Integrates supply chain concepts, framework, processes and tools learned in previous supply chain management course work.

Prerequisite(s): Two courses from 411, 412, 413, 421 with grade of C or better. Registration Restriction(s): Majors in the College of Business Administration.