SCMT 610 Quantitative Analysis for Business Decisions
Credits 1 to 3. 1 to 3 Lecture Hours.
Formulation and structuring of business problems using selected quantitative techniques; modeling and statistical analysis stress computer applications. May be repeated for up to 3 hours credit. Classification 6 students may not enroll in this course.
Prerequisite: Enrollment is limited to MBA students.

SCMT 614 Operations Management
Credits 1 to 3. 1 to 3 Lecture Hours.
Theory and applications of designing, analyzing and controlling productive systems in the allocation and use of resources to produce goods and services. May be repeated for up to 3 hours credit. Classification 6 students may not enroll in this course.
Prerequisites: SCMT 610 or equivalent; enrollment is limited to MBA students.

SCMT 616 Supply Chain Management
Credits 3. 3 Lecture Hours.
Focus on the integrated management of the total product delivery system; purchasing, inventory management and distribution functions with emphasis on physical and information flows.
Prerequisites: SCMT 614 and MBA student classification.

SCMT 636 Decision Support Systems
Credits 3. 3 Lecture Hours.
Use of decision support systems in business-related decision making, business environment, use of models, user interface with decision support systems and decision support systems examples. Classification 6 students may not enroll in this course.
Prerequisite: SCMT 303 or equivalent.

SCMT 638 Information Technology in Supply Chain Management
Credits 3. 3 Lecture Hours.
Review, evaluate, and contribute to the existing knowledge base regarding the management of information flows from automatic identification systems such as RFID.
Prerequisites: ISEN 615 and PhD students or Masters students with a thesis degree plan or approval of instructor.

SCMT 645 Business Process Design
Credits 3. 3 Lecture Hours.
Introduction to business process design and analysis; tools and techniques to document, analyze and improve business processes; Six Sigma process design and improvement; process metrics; computer simulation of processes; aligning business process with organizational goals and objectives; and case study of real world business problems.
Prerequisites: Graduate classification or approval of instructor; SCMT 614, SCMT 660 or approval of instructor.

SCMT 667 Logistics and Distribution Management
Credits 3. 3 Lecture Hours.
Contemporary logistics activities including inbound and outbound materials and service flows, with special emphasis on their relationships to the firm's manufacturing function. Classification 6 students may not enroll in this course.
Prerequisite: SCMT 614 or SCMT 660 or equivalent.

SCMT 685 Directed Studies
Credits 1 to 4. 1 to 4 Other Hours.
Directed study on selected problems using recent developments in business research methods.
Prerequisites: Approval of instructor and graduate advisor.