

# Supply Chain and Logistics Management, MS

For additional information about graduate programs within the College of Business, please contact graduate advisor Jennifer Pettitt at GradBiz@uah.edu ( gradbiz@uah.edu). Information about the application process may be found in the Graduate Studies section of the catalog.

## Purpose

The Master of Science in Supply Chain and Logistics Management (MS-SCLM) program is designed as a specialized management graduate degree to serve working professionals who are interested in developing and/or enhancing their knowledge and skills in supply chain management.

The MS-SCLM program aims to graduate candidates who will use supply chain management theories and methods to make significant contributions in solving strategic and managerial supply chain problems. Students learn supply chain theories and methods – including supply chain strategy, supply chain design, supply chain management, transportation and logistics, supply chain risk management & mitigation, and decision modeling – and how to apply those methods to solve business problems in technology-oriented, government, and industry organizations.

Students are introduced to such issues as understanding supply chain dynamics; conducting analyses necessary for the design of a supply chain management system that fulfills an organization's supply chain strategy; modeling and interpreting supply chains and processes for identifying problems, improving efficiencies, and improving service to stakeholders; translating data from supply chain systems into useful information for improved decision making; and managing all aspects of an integrated supply chain across an organization.

The MS-SCLM program is designed to meet the highest standards of curriculum quality, faculty excellence, and program relevance in accordance with the College of Business' accreditation by AACSB International - The Association to Advance Collegiate Schools of Business. Program prerequisites are kept to a minimum and the program is designed to meet the needs of students with a wide variety of educational backgrounds.

## Prerequisites

Program prerequisites include a bachelor's degree in any field and demonstration of competency in basic skills in statistical analysis and computer usage must be achieved either by prior experience and education or as part of the MS-SCLM curriculum.

## Degree Requirements

The MS-SCLM program consists of 30 semester hours of graduate coursework. The coursework includes an eight-course core that is required of all students and two elective courses. MGT 693, Supply Chain Strategy & Practicum, is the capstone course and should be taken toward the end of the student's program. A student must earn a grade of B or better in MGT 693.

### Core Courses

ACC 600	FOUNDATIONS ACC MANAGERS & ENG	3
MSC 600	QUANTITATIVE METHODS	3
MSC 605	OPERATIONS MANAGEMENT	3
MGT 611	SUPPLY CHAIN MANAGEMENT	3
MSC 510	TRANSPORTATION & LOGISTICS	3
MSC 615	DECISION MODELING	3
IS 522	SUPPLY CHAIN MANAGEMENT SYS	3
MGT 693	SUPPLY CHAIN STRATEGY & PRACT	3

### Program Electives (6 credit Hours)

IS 571	BUSINESS INTELLIGENCE & ANALYT	3
IS 680	ENTERPRISE RESOURCE PLNG SYS	3
MGT 501	INTRO TO CONTRACT MANAGEMENT	3
MGT 503	CONTRACT PRICING & COST ANALYS	3
CE 659	SEL TOPICS CIVIL ENGINEERING	1-6
CE 511	INTRO GEOGRAPHICAL INFO SYS	3
ISE 523	INTR STATISTICAL QUALITY CONTR	3
ISE 641	ADVANCED QUALITY CONTROL	3

## Additional Information

### Thesis Option

A thesis option is available. Students interested in this option should contact the both the faculty member who the student wants to serve as the thesis advisor and the Director of Graduate Programs in the College of Business before completing 12 hours of graduate study. If selected, the student will

register for the IS 699 (<http://catalog.uah.edu/search/?P=IS%20699>) Masters Thesis course for 6 credit hours in lieu of 6 credit hours of directed and business electives.

### **Transfer Credit**

Up to 12 semester hours of graduate credit taken at other universities may be transferred to meet MS-SCLM degree requirement. Inquiries about the transferability of specific courses should be directed to the College of Business Director of Graduate Programs, who will consult with the faculty to determine whether the content of the class will be accepted for transfer credit.