SUPPLY CHAIN ANALYTICS, MS

Overview

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Mission and Goals

The Master of Science in Supply Chain Analytics (MSSCA) will provide the knowledge and develop the student's skills in degree area. These skills will be used to make decisions and perform the activities of the supply chain. In today's business environment the development of supply chain management has become highlighted and is considered to be very important. Many jobs in supply chain are considered to be in the high demand category.

Program Format

This fast-track program will take 12 to 24 months to complete and is designed for busy students whose time is already at a premium. All Master of Science in Supply Chain Analytics courses are offered online in 8-week sessions. This format allows students the flexibility to arrange a plan of study to fit their individual schedules. Students are encouraged to have a minimum of three (3) credit hours per session. Fall and Spring Semesters have two 8-week sessions; the Summer Semester consists of one 8-week session.

The curriculum is structured to challenge students and open minds to new ways of thinking about business. Courses include lectures, case discussions, current business issues, and team projects. All students enrolled in the program will complete a minimum of 30 credit hours. Ten courses are required.

Program Learning Outcomes

Student career advancement will be achieved in the Master of Science in Supply Chain Analytics program with the following Program Learning Outcomes (PLO):

Graduates of this program will be able to:

a. Analysis: Use analytics tools to make decisions in the business environment.
b. Functional Knowledge: Develop knowledge of the core areas of Supply Chain Management, including logistics management, operations management, purchasing management, and international trade and logistics.
c. Problem Solving: Identify issues and solve problems found in the management of a firm's supply chain using analytical and data science methods.

Admission Requirements

College of Business candidates must follow School of Graduate Studies and University Graduate admission policies and procedures. Admission into the Master of Science in Supply Chain Analytics degree program is based on several factors as outlined below to ensure a talented and diverse student body.

- Completed online application to the School of Graduate Studies
- Bachelor's degree in any field (or equivalent in the case of those with an international education background) with a minimum of 2.9 GPA **OR** an advanced degree in any field (Master's or higher) from an accredited College or University, as verified by an official transcript.

If the applicant does not meet the above requirement, the following additional documents must be submitted to be considered for admission.

- Essay of purpose: in 500 words or less, tell us why you want to pursue the graduate degree you are applying for and why you are a good candidate for the program.
- Current resume detailing professional experience and achievements.

International Students:

- Due to the online delivery of the program, international students planning to study on an F1 visa should check with the Director of International Student Services about SEVIS restrictions regarding online courses prior to applying.
- Applicants whose native language is not English or whose language of college instruction was not English are required to submit English Language proficiency through one of the following options: TOEFL (Test of English as a Foreign Language) *or* the Internet-based TOEFL (iBT) *or* the International English Language Testing System (IELTS). The following TOEFL scores are acceptable: a minimum score of 78 for the iBT *OR* a minimum score of 550 for the paper-based TOEFL. The total minimum IELTS score is 6.
- If an applicant has completed any coursework, degree, or degrees from institutions outside of the United States, he or she must utilize a credentialing evaluating organization. The School of Graduate Studies accepts an official course-by-course evaluation with a GPA that is prepared by either Josef Silnyand Associates (https://www.jsilny.org) or World Education Services (https://www.wes.org).

Academic Policies

Master of Science in Supply Chain Analytics students are expected to observe School of Graduate Studies and University Graduate Rules, Regulations, and Academic Policies. Students are expected to maintain Good Academic Standing which is defined as a minimum institutional GPA of 3.0.

To receive a Master of Science in Supply Chain Analytics graduate degree from Clayton State University, a student usually completes all 30 semester hours of the program requirements from Clayton State University. All semester hours in the program at CSU must be completed after the student has been admitted to the degree program. Transfer of graduate credit is generally not accepted, although a maximum of six semester hours of transfer credit from an AACSB accredited institution may be considered on an individual basis.

Program Withdrawal

Any student who desires to withdraw from the university should contact the Graduate Program Director. Following an exit interview, the student will be issued a copy of the withdrawal form and the Program Director will process the paperwork with the necessary university offices.

Course Load

Six semester hours will be required of all MSSCA students who use financial aid in the Spring, Summer, and Fall Semesters. Students can

register for up to four courses in Spring and Fall (two courses in each 8-week session) and three courses in Summer.

Requirements

Program Requirements

Code	Title	Credit Hours
Required Courses		
BUSA 5200	Decision Making-Uncertainty	3
ECON 5101	Managerial Economics for SC	3
MGMT 5104	Project Management	3
SCML 5101	International Business and Global Logistics	3
SCML 5102	Operations & Supply Chain Mgmt	3
SCML 5105	Global Sourcing in SCM	3
SCML 5750	Logistics & Supply Chain Strat	3
Subtotal Required Courses		*21*
Each student must choose from one of the two following area concentrations, and complete the listed courses:		
Data Analytics		
MATH 5221	Fnd.s of Business Analytics	3
CSCI 5810	Data Mgmt & Bus. Intelligence	3
CSCI 5811	Data Anal. & Visual. for Bus.	3
Subtotal Data Analytics		*9*
or		
Managerial Decision-Making		
ACCT 5200	Accounting for Managerial Deci	3
FINA 5100	Managerial Finance	3
MGMT 5750	Global Strategic Management	3
Subtotal Managerial Decision-Making		*9*
Total Credit Hours		**30**

Faculty

College of Business

Khamis Bilbeisi
Jacob Chacko
Morten Brante
Linda Hain
Anthony Hannah
Iryna Hayduk
Craig Hill
Kimberly Johnson
Reza Kheirandish
Carin A. Lightner-Laws
Chen-Miao Lin
George E. Nakos
C.R. Narayanaswamy
Keith Miller
Kamran Moghaddam
Mario Norman
Adel Novin
Louis Xavier Orchard
Leon C. Prieto
Stacey Reynolds
Melva Robertson
Vinod Vincent
Anita Whiting
Jesse Zinn

College of Information and Mathematical Sciences

Shakil Akhtar
Scott Bailey
Michael Dancs
Keith Driscoll
Weihu Hong
Byron Jeff
Elliot Krop
Catherine Matos
Ken Nguyen
David Plaxco
Junfeng Qu
Muhammad Rahman
Christopher Raridan
Lila Roberts
David Williams

Suggested Course Sequence

Course	Title	Credit Hours
First Year		
First Semester		
Fall Semester - First Term		
BUSA 5200	Decision Making-Uncertainty	3
ECON 5101	Managerial Economics for SC	3
Fall Semester - Second Term		
MATH 5221	Fnd.s of Business Analytics	3
MGMT 5104	Project Management	3
	Credit Hours	**12**
Second Semester		
Spring Semester - First Term		
SCML 5101	International Business/Global	3
CSCI 5810	Data Mgmt & Bus. Intelligence	3
Spring Semester - Second Term		
SCML 5750	Logistics & Supply Chain Strat	3
CSCI 5811	Data Anal. & Visual. for Bus.	3
	Credit Hours	**12**
Third Semester		
Summer Semester		
SCML 5102	Operations & Supply Chain Mgmt	3
SCML 5105	Global Sourcing in SCM	3
	Credit Hours	**6**
	Total Credit Hours	**30**