SUPPLY CHAIN MANAGEMENT - MASTER OF SCIENCE (MS)

The supply chain management master's degree provides students with the expertise needed to manage business supply chains in the global economy. This ten-month program includes extensive coursework which prepares students for a range of job opportunities. In addition to the academic coursework, four enrichment seminars in topics ranging from teamwork and leadership to ethics and corporate social responsibility support our commitment to developing the "whole student" by incorporating professional development into the academic experience.

Based on an "action learning" model, the program is designed to provide hands-on supply chain project management experience, amplified by shared experiences with other students.

Graduates will be prepared for responsible and influential jobs in a variety of organizations, including large manufacturing, retail and distribution organizations; transportation companies; supply chain software companies; and supply chain consulting firms.

Distance Education Option via Online+

Students may enroll in the MS Business Analytics (BUAN) or MS Supply Chain Management (SCMN) degree program through distance education (online) and complete the degree requirements established for each MS program. Distance education offers regularly scheduled on-campus graduate courses to remote off-campus (distance) students using advanced virtual and video-conferencing technology. Distance students participate both synchronously (at a scheduled delivery time) and asynchronously (no scheduled delivery time). Instructors, courses, assignments, projects, exams and evaluations are identical for on-campus and off-campus students. Online+ courses are term-based (i.e., follows the regular academic schedule) and structured to maximize student engagement with faculty and other online+ students to support student success and degree completion.

Designed for working professionals, the online option allows students to enroll part-time and follows the same curriculum as the on-campus degree option. Please see degree requirements and plan(s) of study specific to Business Analytics or Supply Chain Management. Based on circumstance and timeline to degree completion, students enroll in one or two courses each semester, completing the degree in two years. For more information, connect with the individual graduate program directly.

Requirements

Admission Requirements

Admissions guidelines and application details are outlined on the master's programs admissions (https://www.colorado.edu/business/ms-programs/masters-programs-admissions/) website. Admission to the program may recommend or require preparation or refresher courses in statistics, math and business.

Experiential Projects

The experiential project pairs students with clients in industry to work on important practical problems in supply chain management. Students work under the supervision of faculty and meet together weekly to discuss progress, jointly work on problems and to share experiences. This hands-on project management experiences prepares graduates to make an immediate meaningful contribution in the workplace.

For additional information, please visit Leeds School Graduate Programs (http://www.colorado.edu/business/ms-programs/) or email leedsgrad@colorado.edu.

Course Requirements

Code	Title	Credit Hours
Required Courses		
MSBX 5405	Structured Data Modeling and Analysis	3
MSBX 5410	Fundamentals of Data Analytics	3
MSBX 5415	Advanced Data Analytics	3
MSBX 5435	Planning and Production	3
MSBX 5450	Transportation and Logistics	3
MSBC 5460	Supply Chain Strategy	3
MSBX 5470	Procurement and Contracting	3
MSBC 5480	SCMN Experiential Projects	3
MBAX 6450	International Operations Management	3
MBAX 6843	Supply Chain and Operations Analytics	3
Electives [1]		**3**
MSBC 5680	Optimization Modeling	
MBAX 6330	Market Intelligence	
MBAX 6410	Process Analytics	
MBAX 6440	Project Management (on-campus only)	
MBAX 6530	Negotiating and Conflict Management (on-campus only)	
MSBX 5310	Customer Analytics	
MSBX 5420	Unstructured and Distributed Data Modeling and Analysis	
Total Credit Hours		**33**

[1] Elective coursework may be completed in either fall or spring semester; course availability will vary by term.

Plan of Study

The sample one-year plan of study found below is restricted to students who are not working professionals. Students who are working professionals may choose from two-, three- and four-year plans of study. For more information, contact the department.

Year One		
Summer Review		**Credit Hours**
MSBC 5460	Supply Chain Strategy	3
MSBX 5410	Fundamentals of Data Analytics	3
	Credit Hours	**6**
Fall Semester		
MSBX 5405	Structured Data Modeling and Analysis	3
MSBX 5415	Advanced Data Analytics	3
MSBX 5450	Transportation and Logistics	3
MSBX 5470	Procurement and Contracting	3
	Credit Hours	**12**

Spring Semester		
MBAX 6450	International Operations Management	3
MSBX 5435	Planning and Production	3
MSBC 5480	SCMN Experiential Projects	3
MBAX 6843	Supply Chain and Operations Analytics	3
Elective (see Requirements tab)		3
	Credit Hours	**15**
	Total Credit Hours	**33**