

The MS Program

SUPPLY CHAIN MANAGEMENT

The MS Supply Chain Management program provides an in-depth education in the specific area of Supply Chain Management. This twelve-month program includes extensive coursework and an application of materials, preparing 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.

The MS Supply Chain curriculum combines the theory and practices of the major elements of supply chain science; plan, buy, make, move, sell/return/sustainable with the key elements of analytics science including the principles of data structures and analytic tools (e.g., R, SQL, et. al). 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.

A core required curriculum provides the common grounding within the discipline, while elective options and projects in a company setting develop individualization and specialization.

| Semester | Courses | Credits |
|------------------|---|---------|
| Summer | Admission to the program may recommend or require preparation or refresher courses in Statistics, Math, Data Structures and Query Languages | |
| August Intensive | Supply Chain Strategy | 3 |
| Fall | Transportation and Logistics | 3 |
| | Procurement and Contracting | 3 |
| | Data Systems | 3 |
| | Data Analytics | 3 |
| | Elective | 3 |
| Spring | Supervised Supply Chain Project | 6 |
| | Supply Chain and Operations Analytics | 3 |
| | Elective | 3 |
| | Elective | 3 |
| Total Credits | | 33 |

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Electives offer variety within the specialization:

- Project Management
- Advanced Data Systems
- Decision Analysis
- Customer Analytics
- Process Analytics
- IT and Business Strategy
- Negotiations

Supervised Supply Chain Project

Based on an “action learning” model, the course is designed to provide hands-on supply chain project management experience, amplified by shared experiences with other students. Exposes students to the multiple facets of supply chain management at an executive level and integrates program coursework with this experience. While gaining first-hand experience, students are also adding value to the company by completing a project that draws on the skills gained through course work and educational experiences.

For additional information, please visit our website at www.colorado.edu/leedsms

Or email us at leedsms@colorado.edu

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