

SUPPLY CHAIN FOUNDATIONS - GRADUATE CERTIFICATE

The supply chain foundations certificate courses comprise the major foundational topics in any supply chain management curriculum, providing necessary background for further advanced study. The four courses have been specifically selected in order to teach students core concepts and targeted skills in supply chain management.

Designed for nondegree students including working professionals, our online graduate certificates allow students to enroll part-time and advance at their own pace. Following the same curriculum provided to students on campus, online certificate students participate in coursework both synchronously (scheduled delivery time) and asynchronously (no scheduled delivery time). As students progress through the certificate, they have the option to become graduate degree-seeking, applying their certificate coursework toward a formal MS supply chain degree.

Requirements

Admission Requirements

To be considered for the graduate certificate, applicants must possess an undergraduate degree. Leeds graduate students can apply through the Leeds online application (<https://leeds.apply.colorado.edu/apply/>).

Course Prerequisite

Students applying to the graduate certificate are required to complete a course prerequisite. The course prerequisite may be satisfied by *one* of the following:

- Successful completion of MSBC 5460 (or successful completion of similar coursework at another university)
- Successful completion of the non-credit Coursera course Supply Chain Management Strategy
- Relevant work experience.

Students seeking to meet the prerequisite with experience will need to demonstrate and document proficiency in the relevant topic area by submission of work history and work product. A qualifying test may also be required.

Additional Materials

In addition, applicants must provide:

- Statement of purpose (1–2 pages) explaining how the supply chain foundations graduate certificate will further their professional and/or personal interests
- Formal transcript from an accredited institution of higher education showing proof of completion of an undergraduate degree
- Current resume
- One letter of recommendation

Courses

Supply chain foundations certificate courses are listed below. All courses must be passed with a B grade or better to count towards the certificate.

| Code | Title | Credit Hours |
|-----------|------------------------------|--------------|
| MSBX 5450 | Transportation and Logistics | 3 |
| MSBX 5470 | Procurement and Contracting | 1.5 |

| | | |
|-----------|---------------------------------------|-----|
| MSBX 5435 | Planning and Production | 1.5 |
| MBAX 6450 | International Operations Management | 3 |
| MSBX 5405 | Structured Data Modeling and Analysis | 3 |

Plan(s) of Study

Year One

| Fall Semester | | Credit Hours |
|---------------|---------------------------------------|--------------|
| MSBX 5450 | Transportation and Logistics | 3 |
| MSBX 5405 | Structured Data Modeling and Analysis | 3 |
| Credit Hours | | 6 |

Spring Semester

| | | |
|--------------------|-------------------------------------|-----|
| MSBX 5470 | Procurement and Contracting | 1.5 |
| MSBX 5435 | Planning and Production | 1.5 |
| MBAX 6450 | International Operations Management | 3 |
| Credit Hours | | 6 |
| Total Credit Hours | | 12 |

Some courses are only offered in specific semesters. New students will work out a plan with an advisor to meet all certificate requirements in their desired timeline.

Learning Outcomes

Upon completing the program, students will be able to:

- Understand supply chain problems and identify appropriate methods to solve those problems.
- Understand and make recommendations regarding environmental and ethical impacts of logistics.
- Effectively present an analysis related to current industry trends.
- Interpret data to develop models and produce business recommendations.