



SUPPLY CHAIN ANALYTICS (CERTIFICATE)

Learn to analyze data and apply the quantitative methods used by supply chain management professionals.

Description

As advances in technology and disruptive global events transform the economy, businesses find value in employees who can design and analyze supply chains, which are at the core of every organization. The certificate in Supply Chain Analytics can help you develop the skills needed to meet this growing demand. Delivered online through eight-week mobile-optimized courses, you will be able to gain specialized skills while meeting your current responsibilities. You will engage with Big Ten faculty and have access to a leading career center.

Created by faculty with real-world experience, the certificate consists of four courses focused on the most commonly-used software tools and techniques in supply chain management. You will discover data analysis methods such as forecasting, data mining and simulation. You'll learn how to build and interpret optimization models of supply chains to improve decision-making and create more efficient and resilient systems. Through your electives, you can gain exposure to powerful software tools such as Microsoft Project, Crystal Ball and R. Through this certificate, you will elevate your career and gain valuable skills. Since the course credits you'll earn are transferable, you can roll your credits into a master's program, including our MS in Supply Chain Management or MS in Business Analytics.

Program-Related Information

Graduate Chair

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Program Website

<https://business.unl.edu/academic-programs/departments/supply-chain-management-and-analytics/>

Applying for Admission

Standard requirements for all graduate programs

- Application for Admission with \$50 non-refundable application fee (<https://graduate.unl.edu/admissions/requirements/#appfee>).
- Transcripts (<https://graduate.unl.edu/admissions/requirements/#transcripts>) (unofficial): Uploaded as part of application form.

If International: Uploads must include all college- or university-level transcripts or mark sheets (records of courses and marks earned), with certificates, diplomas, and degrees plus certified English translations.

After admission: Official documents are required from all students who are admitted and enroll. Photocopies of certified records are not acceptable. International students

enrolled in other U.S. institutions may have certified copies of all foreign records sent directly to the Office of Graduate Studies by their current school's registrar office.

- If applicant's native language is not English, verification of English proficiency (<https://graduate.unl.edu/admissions/english-proficiency/>) is required.

When sending TOEFL scores, our institution code is 6877 and a department code is not needed.

- If applicant is not a US citizen and expects an F or J visa: financial information (<https://graduate.unl.edu/prospective/international/financial/>).
- Applicants must also fulfill any additional requirements the department specifies at the time of application.

Additional requirements specific to this program

MBA students wishing to pursue the certificate will not be subject to additional screening. Students seeking just a certificate will be reviewed by a faculty committee based on:

- Bachelor's degree: 3.0 GPA recommended*, but we will review candidates holistically (please see below).
- Professional Résumé: Your résumé should include relevant work experience, education, skills, professional and community involvement, and other professional credentials.
- Prerequisites: You are expected to have developed proficiency in using Microsoft Excel before you begin the program.

* We recommend that you have relevant work experience. Students with less than a 3.0 GPA, but who have substantial relevant professional experience, will still be considered for the certificate program.

Certificate programs are not considered degree programs, additionally, coursework for this program is delivered primarily online, so international students should be aware that admission to this program is ineligible for immigration forms for an F-1 student visa.

Admission Application Deadlines

July 1 for Fall. November 1 for Spring. April 1 for Summer.

Requirements

Complete 12 credit hours as listed below. GRBA 815 and GRBA 851 plus 2 of the other 6 courses listed.

| Required Courses (6 credits) | | 6 |
|------------------------------|---------------------------------------|---|
| GRBA 815 | Supply Chain Management Strategies | 3 |
| GRBA 851 | Business Analytics | 3 |
| Electives (6 credits) | | 6 |
| SCMA 831 | Advanced Enterprise Systems | 3 |
| SCMA 836 | Project Management and Implementation | 3 |
| SCMA 837 | Risk and Simulation Modeling | 3 |
| SCMA 851 | Predictive Analytics | 3 |
| SCMA 853 | Data Mining and Descriptive Analytics | 3 |
| SCMA 855 | Prescriptive Analytics | 3 |