BUSINESS ANALYTICS (MS)

Advance your career by mastering a universally-relevant set of skills through courses that combine a practical business foundation with innovative data analysis methods and decision-making tools.

Description

The M.S. in Business Analytics is designed to build on any background and provide flexible career opportunities. Delivered online in a series of 8-week courses, the curriculum is mobile-optimized and created by faculty with real-world experience. The 30 credit hour program can be completed in as little as one year and you'll have access to a leading career center.

The curriculum consists of three parts. Business fundamentals provide exposure to key areas of business and demonstrate the decisions businesses must make every day. Business analytics foundations equip you with a comprehensive set of skills applicable to a variety of industries. You'll learn cutting-edge tools through courses focused on data management, descriptive analytics, predictive modeling, data mining, and risk and simulation modeling. You'll gain exposure to software tools including SQL and R. Analytics electives allow you to tailor the program by focusing on a specific application area or more advanced methods.

Companies in all industries, from logistics to digital marketing, must collect, organize and use data to support their operations and compete more effectively. Advances in IT, software and artificial intelligence have led to the growth in "big data" and tools supporting real-time decision-making. Since individuals who can manage and analyze data are in high demand, the skills you'll gain will prepare you to thrive in an emerging discipline and provide an edge in today's competitive job market.

Program-Related Information

Graduate Chair

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Support Staff

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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

Prospective students will be evaluated on the basis of work experience (including military service), undergraduate degree and performance (recommended minimum 3.0 GPA), prior graduate study, and (if submitted) standardized test scores (GMAT or GRE). These do not guarantee admission; they ensure that the application will be reviewed for admission. Students who are denied admission will need to submit a separate application and application fee if they choose to reapply in future semesters.

- Minimum English proficiency: Paper TOEFL 550, Computer-based TOEFL 213, iBT 80, IELTS 6.5.
- Entrance exam(s): Applicants are not required to submit a GMAT/GRE test score. Any scores submitted in the application must be considered in the admission decision. For students with less than a 3.0 GPA and minimal work experience, test scores may help improve the application.
  - Enter your unofficial scores in the graduate application form, and have the testing agency provide your official scores to Nebraska using school code S40-HW-48 for GMAT or 6877 for ETS/GRE.
- Professional Résumé or CV: Your résumé should include relevant work experience, education, skills, professional and community involvement, and other professional credentials.
- Three Reference Names and Contact Information: All three references must be former or current supervisors or professors. No recommendation letters are needed. Nebraska will contact your references only if the committee deems it necessary.
- Academics and experience: Bachelor's degree with 3.0 GPA recommended. Relevant work experience recommended. Students with less than a 3.0 GPA, or without GMAT or GRE scores, but who have substantial relevant professional experience, will still be considered for the program. You are expected to have developed proficiency in using Microsoft Excel before you begin this MS.

Admission Application Deadlines

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

Requirements

Hours required: 30

Options for the Master's Degree (https://catalog.unl.edu/graduate-professional/policies/academic-program-requirements/#masters)

Complete 12 credit hours as listed below, **in this sequence starting with GRBA 851**.

Required Courses (6 credits)		**6**
GRBA 851	Business Analytics	3
ECON 817	Introductory Econometrics	3
Electives (6 credits)		**6**
Preferred (3-6 credits)		3-6
SCMA 851	Predictive Analytics	3
SCMA 853	Data Mining and Descriptive Analytics	3
Optional (3 credits - if only one of the above courses is taken)		3
SCMA 837	Risk and Simulation Modeling	3
SCMA 852	Data Management and Organization	3
SCMA 854	Advanced Analytics and Big Data	3
SCMA 855	Prescriptive Analytics	3