FINANCIAL ANALYTICS (CERTIFICATE)

Firms have access to more information about customers, the marketplace and competitors than ever before. This program will expand your understanding of available data and how to use it effectively.

Description

What You'll Learn:
-Understand how programming languages can be used to model problems in financial economics.
-Understand the limitations of data analysis and/or data mining.
-Be able to select the correct modeling alternative for a given problem.
-Be able to analyze and interpret data to support financial decisions.

Program-Related Information

Graduate Chair

Julian Atanassov
402-472-2330
julian@unl.edu

Program Website

https://business.unl.edu/academic-programs/departments/finance/

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

Academic eligibility: Before applying, ensure you have met the prerequisites of a bachelor's degree with a GPA of 3.0 or higher and have completed undergraduate Calculus (MATH 104, or equivalent) and Statistics (ECON 215, or equivalent). The GMAT (600) or GRE is required, however it can be waived with significant industry experience.

- Test scores: GMAT, GRE, or waiver. A) Most applicants must submit a GMAT score (test within the last 5 years, recommended minimum 600) or a GRE score (test within the last 5 years). B) Some applicants are eligible to request a GMAT/GRE waiver based on any of the following qualifications: B1) seven or more years of significant managerial, operational or decision-making experience and an acceptable undergraduate GPA; B2) earned a Ph.D., JD, MD, or Pharm D; B3) currently enrolled in medical school; or B4) admitted to the Nebraska College of Law. Students with 3+ years of work experience and satisfactory performance in a College of Business certificate (generally defined as a 3.5 GPA or higher) may also apply for a GMAT/GRE waiver. GMAT/GRE waivers will be determined on a case-by-case basis.
- Resume/CV
- Personal Statement

Certificate programs are not considered degree programs, 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

The application deadline is July 1 for the fall semester.

Students currently enrolled in a UNL graduate degree program who have taken the required prerequisite courses may contact businessgrad@unl.edu about alternative start dates.

Requirements

Complete 12 credit hours as listed below:

Required Courses (6 credits)		**6**
FINA 801	Quantitative Methods in Finance	3
SCMA 851	Predictive Analytics	3
Electives (6 credits, choose only one FINA course and one SCMA course)		**6**
FINA 802	Fixed Income Analysis	3
FINA 863	Portfolio Management	3
FINA 867	Options, Futures and Derivative Securities	3
SCMA 837	Risk and Simulation Modeling	3
SCMA 853	Data Mining and Descriptive Analytics	3
SCMA 854	Advanced Analytics and Big Data	3