HOMELAND SECURITY FOCUSED BUSINESS ANALYTICS CERTIFICATE

The homeland security focused business analytics certificate augments the security professional's existing domain knowledge with advanced business analytics skills. Throughout the program, students with focus on quantitative applications, forecasting, data analysis and machine learning techniques. Students in this program will have the opportunity to work on unclassified Department of Homeland Security specific problem sets. All coursework will partially satisfy requirements toward a UNO Master of Science in economics degree.

Program Related Information

Program Contact

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Program Website (http://www.unomaha.edu/college-of-business-administration/economics/graduate-programs/)

Admissions

General Application Requirements and Admission Criteria (http://catalog.unomaha.edu/graduate/admission/)

Application Deadlines

- Fall 2026: July 15

Other Requirements

- Junior/senior GPA of at least 2.85 (on a 4.0 point scale)
- **English Language Proficiency:** Applicants are required to have a command of oral and written English. Those who do not hold a baccalaureate or other advanced degree from the United States, **OR** a baccalaureate or other advanced degree from a predetermined country on the waiver list (https://www.unomaha.edu/office-of-graduate-studies/admissions/entrance-exams.php), must meet the minimum language proficiency score requirement in order to be considered for admission.

  - Internet-based TOEFL: 80, IELTS: 6.5, PTE: 53, Duolingo: 110

- **Statement of Purpose:** A one-page essay explaining how the certificate would benefit the applicant's current or future career in the US Department of Homeland Security.

- Students must have completed courses equivalent to the following three foundation courses (UNO undergraduate courses):

Code	Title	Credits
ECON 2200	PRINCIPLES OF ECONOMICS (MICRO)	3
ECON 2220	PRINCIPLES OF ECONOMICS (MACRO)	3
BSAD 2130	PRINCIPLES OF BUSINESS STATISTICS	3

Degree Requirements

Code	Title	Credits
ECON 8300	ECONOMETRICS	3
ECON 8306	QUANTITATIVE APPLICATIONS IN ECONOMICS AND BUSINESS	3
ECON 8310	BUSINESS FORECASTING	3
ECON 8316	BUSINESS INTELLIGENCE AND REPORTING	3
ECON 8320	TOOLS FOR DATA ANALYSIS	3
ECON 8330	DATA ANALYSIS FROM SCRATCH	3
Total Credits		**18**

Due to class sequencing, all students must start the certificate in a fall semester and can expect to take a year and a half to complete the certificate.