

BUSINESS ANALYTICS OF LARGE-SCALE DATA ADVANCED CERTIFICATE

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The College of Staten Island offers an **Advanced Certificate in Business Analytics of Large-Scale Data**. The program is designed for a broad spectrum of students with undergraduate and graduate degrees in business and related fields. The program is focused on addressing the need for skilled analytical researchers with experience in large-scale databases.

DEGREE REQUIREMENTS

The advanced certificate consists of five three-credit courses (for a total of 15 credits to complete the degree), including two focusing on large-scale data analytical techniques and one devoted to forecasting:

- Big Data Management in Supercomputing Environment
- Analysis Techniques for Large-Scale Data – Spatial and Statistical Techniques
- Forecasting for Managers and Researchers
- Research Project in Large-Scale Data
- Seminar in Big Data – Current Topics

ADMISSION REQUIREMENTS

- Baccalaureate degree in business, economics, or a related field.
- Major and overall Grade Point Average (GPA) of 3.0 or higher
- Applicants must demonstrate proficiency in computation methods using programming techniques of a high-level computing language (e.g., SAS, Matlab R). In addition, undergraduate preparation in economics, statistics, analytical methods and calculus are required

Before enrollment in the advanced certificate program, an assessment test in statistical methods will be administered in order to determine preparation for the program. Students with insufficient knowledge in programming and statistical methods can prepare to participate in the program by completing BDA 651 Computational and Statistical Methods for Business and Economics.

APPLICATION PROCEDURES

Graduate Application:

The application must be completed online at www.csi.cuny.edu/graduatestudies.

Transcripts:

Applicants must request official transcripts from all post-secondary institutions attended. If you are currently enrolled in a post-secondary institution, have one transcript sent now and another sent when you complete the courses that you are taking. Applicants who have been enrolled at CSI do not need to request a CSI transcript; the Office of Recruitment and Admissions will obtain a copy.

Application Fee:

A \$125.00 non-refundable application fee is required of all applicants. Please make your check or money order payable to the College of Staten Island.

Cover Letter

Cover letter describing the applicant's relevant experience as well as the reason and motivation for applying to the Graduate Certificate.

Letters of Recommendation:

Two letters of recommendation from instructors or employers.

Résumé

Current résumé detailing all relevant past and present professional employment, experience, memberships, and related service.

TOEFL or IELTS:

The TOEFL or IELTS exam is a requirement of students for whom English is a second language.

Test of English as a Foreign Language (TOEFL): The minimum required score is 79 (Internet). For additional information or to register for the exam, please visit the TOEFL website at www.ets.org. Our institutional code is 2778.

International English Language Testing System (IELTS): We will only accept the academic exam scores. The minimum required score is 6.5 (overall band). For additional information or to register for the exam, please visit the IELTS website at www.ielts.org.

All documents must be submitted to the Office of Recruitment and Admissions.

Mailing Address:

Office of Recruitment and Admissions, Graduate Unit
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www.csi.cuny.edu/graduatestudies