

# GRADUATE CERTIFICATE IN BUSINESS ANALYTICS AND ACCOUNTING SYSTEMS

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The Business Analytics and Accounting Systems certificate provides students with the ability to harness vast data stores to solve problems, enhance decision-making and discover new opportunities. They will learn data mining concepts, methodologies, models, and tools, along with appropriate applications for optimizing business functions, forecasting, detection, prediction, classification, and discovery. Additionally, students will gain increased expertise in accounting technology systems used in organizational accounting systems worldwide, including skills in spreadsheet and database technologies. The graduate coursework is designed, in part, to help accounting and technology professionals enhance specialized accounting and technology skills applicable to a wide variety of industries.

## Learning Objectives

Students will:

1. Improve decision making ability through exposure to and lessons in business intelligence (students will learn techniques that will allow them to optimize, forecast, detect, predict, classify and discover new ways of using data for the purposes of improving organizational productivity and efficiency).
2. Increase expertise in data mining and analytics techniques.
3. Improve skills in accounting technologies, with specific focus on spreadsheets and current accounting software programs (students will learn best practices in information technologies used in organizational accounting systems worldwide).