

# Providence College Business Analytics Graduate Certificate Program



## WHY ENROLL?

PC's new Business Analytics Graduate Certificate Program was developed in conjunction with leading employers (CVS, Johnson & Johnson, PwC, and others) to provide employees an opportunity to develop strategic critical-thinking and decision making competencies using data. This is a 3-course, 9-credit-hour business analytics certificate taught by PC faculty recognized as experts in their fields. The Business Analytics Graduate Certificate Program provides a rapid foundational education in decision making and quantitative analysis, with a focus on building confidence to use data to make strategic decisions. This competency has been identified as an integral business skill all employees will need to lead change and make better business decisions.

## WHO SHOULD ENROLL?

High-performing employees who desire additional expertise in business analytics, and recognize the growth of business analytics and the use of data within their own firm or industry. Participants must have earned a bachelor's degree, and have taken at least one college-level statistics course.

## TAKEAWAYS

Participants in this program will:

- Increase their data analysis and problem solving skills
- Learn a variety of business analytics techniques
- Apply analytic techniques learned in a real-world problem with data supplied by a local company

## BENEFITS OF ENROLLMENT

Students will register for three courses that, once

## DATES:

January 5, 2018-  
June 29, 2018

## LOCATION:

Providence College campus

## COST:

\$6,003 for three courses  
& additional academic materials

*The 2017-2018 tuition cost per three-credit course is \$2,001. Courses must be paid for, in full, at the time of registration before each semester. A discount of \$200 per person is available to companies that enroll two or more employees.*

## HOW TO APPLY:

[business.providence.edu/cert-mba/](http://business.providence.edu/cert-mba/)

*Application Deadline: Dec. 15, 2017*

*Please contact the MBA Program Office for further details at 401.865.2294 or [mba@providence.edu](mailto:mba@providence.edu).*



completed, will count toward the Business Analytics Graduate Certificate. Students who successfully complete the certificate program may use their nine management credits toward their MBA degree. Admission into the PC MBA Program and GMAT waiver consideration will be reviewed for up to one year after certificate completion.\*

## PROGRAM DETAILS & OVERVIEW

Business Analytics Certificate students will take MBA classes alongside current MBA students during the winter, spring, and summer sessions. The program will be taught by top MBA faculty and will conclude with a real-world business analytics project. Students must attend all course sessions to receive their certificate of completion.

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\*Expedited admission into the PC MBA Program is dependent upon completion of an undergraduate degree from an accredited institution with a minimum GPA of 3.0, and the completion of the Business Analytics Graduate Certificate Program with a GPA of 3.3 or higher.

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**Course 1: MBA 648 Special Topics in Finance - Business Analytics I** Business analytics provides techniques for collecting and examining data, as well as the methods for turning that data into actionable knowledge. The course will explore analytical techniques to: describe what has happened (descriptive analytics), use the past to predict the future (predictive analytics), and identify what is the best action to take (prescriptive analytics). The course also examines data visualizations and querying database sources. **Winter 2018: January 5 & 12, 6 to 10 p.m.; and January 6, 13, & 27, 10 a.m. to 6 p.m.**

**Course 2: MBA 690 Operations and Service Management** Many managerial decisions -- regardless of their functional orientation -- are increasingly based on analysis using quantitative models from the discipline of management science. Management science tools, techniques, and concepts (e.g., data, models, and software systems) have dramatically changed the way businesses operate in manufacturing, service operations, marketing, and finance. This course is designed to enhance students' decision making analysis and introduce them to the various management science modeling techniques. **Spring 2018: Wednesdays, January 16-May 12, 7 to 9:30 p.m.**

**Course 3: MBA 648 Special Topics in Finance - Business Analytics II** The abundance of available data that firms are able to access has dramatically changed the way businesses operate in manufacturing, service operations, marketing, and finance. This course provides an opportunity for students to integrate and apply the analytical skills and knowledge learned in previous courses to a real-world business analytics project. **Summer 2018: May 16, 7 to 10 p.m.; June 2, 9 a.m. to 5 p.m.; June 3, 1 to 6 p.m.; and June 16, 23, & 29, 9 a.m. to 5 p.m.**

#### FACULTY

**David Cortés, Ph.D.**

Assistant Professor of Finance

**Jonathan Jackson, Ph.D.**

Assistant Professor of Finance

**Adam Villa, Ph.D.**

Associate Professor of Computer Science

#### Providence College School of Business

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<http://business.providence.edu/mba>

#### ABOUT THE PROVIDENCE COLLEGE MBA PROGRAM

The PC MBA Program is management-focused and designed to help students develop critical-thinking skills, analyze data, and solve business problems. It is a total of 12 courses with eight or nine core courses and three or four electives. The PC MBA Program provides students with the knowledge and practical experience needed to be competitive in today's workforce. The program has a reputation of helping job seekers enhance their careers while also achieving their educational and personal goals. **Learn more at [business.providence.edu/mba/](http://business.providence.edu/mba/)**

#### ABOUT THE PROVIDENCE COLLEGE SCHOOL OF BUSINESS

At the Providence College School of Business, we're shaping a different kind of business education — teaching people the skills they need to find common ground, thoughtfully analyze options, and contribute ethically to solutions together. As the only U.S. college founded and administered by Dominican friars, we are attuned to the need for meaning, connection, and purpose in both business and life. Our students learn a versatile, collaborative, problem-solving approach that makes them indispensable to employers and personally fulfilled.

The Providence College School of Business is on the rise, with visionary leadership, robust applications and enrollment, and faculty members who are known nationally for their expertise. We are accredited by AACSB International, the Association to Advance Collegiate Schools of Business, a distinction held by only 5 percent of business schools worldwide. Our MBA Program debuted at No. 67 in *Bloomberg Businessweek's* U.S. part-time MBA rankings in 2015.



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