Certificate in Data Analysis and Visualization

12 units

Businesses today need informed leaders who can guide decision making by analyzing large amounts of data. The Certificate in Data Analysis and Visualization is for current students who want a specialization and working professionals who want to grow in their field or change career paths.

Certificates help students validate their skills and ability, give them increased marketability and earning power, and verify competence to employers. Certificate programs also provide the knowledge you need to in order to transform your career in less time than many traditional postgraduate and professional degree programs, and do not require any prerequisite work.

The Certificate in Data Analysis and Visualization offers an in-depth study developed by industry experts and balances theory and real-world practice. Coursework focuses on the necessary skills for collecting, formatting, and analyzing an organization's data, and students learn to manage big data and perform business analytics in order to produce useful information to guide an organization's decision making.

Credentials and Microcredentials

Today, employers are looking for new hires with technical skills in big data and data analytics. Credentials and microcredentials show potential employers that students have the technical skill needed for today's workplace. This certificate program gives students the opportunity to earn credentials and microcredentials certifying their mastery of certain skills or abilities.

Students have the opportunity to earn microcredentials in spreadsheets, data visualization, and business analytics. Industry-valued certificates and credentials provide students the opportunity to showcase their skills and abilities to current and future employers. Credentials and microcredentials can be added to résumés and uploaded to online portfolios.

Career Opportunities

Job growth for professionals proficient in business analytics is projected to continue rising. This high-stakes field also commands high salaries. Data analysis and visualization is applicable to a wide variety of jobs, so whether you want to launch a new career or advance to the next level of your current path, a certificate program can get you there.

Requirements

Code	Title	Units
PRBA 111	Business Statistics	3
PRBA 240	Introduction to Information Systems and Business Applications	3
PRBA 244	Data Analytics, Spreadsheets, and Data Visualization	3
PRBA 315	Business System Analytics	3
Total Units		**12**

Program Learning Outcomes

Program Learning Outcomes

Students who successfully complete this program shall be able to:

1. Utilize relevant data analytics and visualization tools.
2. Interpret data to solve complex problems and make decisions for high-performance organizations.
3. Discuss the importance of ethics in data management, information technology, and statistics, considering a Christian Worldview.