Business Data Analysis

Graduate Certificate in Business Data Analysis

CERTIFICATE CODE - CG44

The Certificate in Business Data Analysis requires 12 credit hours, the coursework is intended to prepare students to extracts insights and knowledge from data. The courses in this certificate are focused on advanced analytical methods and visualizations to help students make the most of their data and communicate their findings.

Course Requirements. In order to satisfy the requirements of the certificate, a student must completed the required courses below. Note, that a cumulative GPA of 3.0 is required for completion of the certificate (a C or better is required in courses, with an overall cumulative GPA of 3.0).

Code	Title	Hours
BUDA 515	Big Data Technologies for Business	3
BUDA 525	Business Statistical Methods 1	3
BUDA 550	Business Data Visualization	3
Select one of the following:		3
BUDA 530	Business Statistical Methods 2	
BUDA 535	Business Data Mining	
Total Hours		12

Certificate Learning Outcomes

BUSINESS DATA ANALYSIS

Upon completion of this certificate, students will be able to:

1. Perform advanced predictive analytics techniques using statistical software and communicate their results.
2. Deploy machine learning for mining big data.
3. Communicate data inferences visually using data visualization software packages.