

GRADUATE CERTIFICATE IN BUSINESS ANALYTICS

The graduate certificate in Business Analytics consists of 15 credit hours of graduate course work. Courses will be a mix of online and on-campus courses. This certificate is not available in online format. Students approved to enroll in business graduate-level courses at Creighton are eligible to enroll in this certificate program. During the course work students are required to work on projects that involved real-world data sets. This certificate is designed for students who wish to engage in data and information analysis, explore and develop basic data-driven models for predicting outcomes and events, and obtain a good understanding of analytics that can be applied in various parts of a business to achieve operational efficiencies and enhance decision making.

Graduate Certificate in Business Analytics Requirements (15 Credits):

Code	Title	Credits
Each of the following required courses:		
ANX/BIA 603	Python Programming for Analytics	3
ANX/BIA 729	Statistics for Data Scientists	3
ANX/BIA 782	Database Management Systems	3
At least six credits from the following list:		6
ANX/BIA 742	Predictive Analytics	
ANX/BIA 746	Application of Optimization Modeling	
ANX/BIA 755	Data Wrangling	
ANX/BIA 772	Data Visual Analysis & Visualization	
ANX/BIA 775	Ethics in Data Analytics	
ANX/BIA 781	Machine Learning	
ANX/BIA 792	Data Warehousing and Advanced Database Systems	
ANX/BIA 794	Business Intelligence & Analytics Readings	
Total Credits		15