GRADUATE CERTIFICATE IN BUSINESS INTELLIGENCE

Students will learn how to enable, support, and create a data-driven culture in an organization. Content will cover common functions, processes, and methods of business intelligence such as: reporting, data and text mining processes and related methodologies like CRISP-DM and SEMMA; complex event processing; performance management; and predictive and prescriptive analytics. Students gain hands-on experience designing, implementing, manipulating, and managing databases through a rigorous foundation in relational database management systems.

The Certificate combines business intelligence with applied data mining and analytics to optimize, forecast, detect, predict, classify and discover new ways of using data to make a business more productive and efficient. Completion of the certificate allows students to bring value to companies that have vast quantities of both structured and unstructured data that requires identification, analysis, and transformation into useful data for business optimization and forecasting.

Effective Fall 2019

Additional coursework may be required due to prerequisites.

Code	Title	Credits
Select three courses from the following:		**9**
CIS 570	Business Intelligence	
CIS 575	Applied Data Mining and Analytics in Business	
CIS 576	Business Data Visualization	
CIS 655	Business Database Systems	
Program Total Credits:		**9**

*This certificate may have courses in common with other graduate certificates. A student may earn more than one certificate, but a given course may be counted only in one certificate.