



Business Analytics Diploma
Curriculum Worksheet
Fall 2018 – Spring 2019

Developmental Studies: DRE 096-098, DMA 010-060, Total Required Credits: 37				
Business Analytics AAS (A25350)		<u>Pre-reqs</u>	Contact Hours	Credit Hours
FALL I				
BAS 120	Introduction to Analytics	None	5	3
BUS 110	Introduction to Business	DRE 097	3	3
CIS 110	Introduction to Computers	DRE 098 & DMA 010-040	4	3
BAS 150	Introduction to Analytical Programming	DMA 010-040	5	3
SPRING I				
BAS 121	Data Visualization	BAS 120	5	3
BAS 220	Applied Analytical Programming	BAS 150	5	3
MAT 152	Statistical Methods I	DMA-010, DMA-020, DMA-030, DMA-040, DMA-050, and DRE-098	5	4
ENG 111	Expository Writing	DRE 098	3	3
DBA 110	Database Concepts	CIS 110 or CIS 111	5	3
SUMMER I				
CTS 130	Spreadsheet Concepts	CIS 110 or CIS 111	4	3
ENG 114	Professional Research and Reporting	ENG 111	3	3
COM	COM 110, COM 120, or COM 231	Varies	3	3

The Business Analytics curriculum is designed to provide students with the knowledge and the skills necessary for employment and growth in analytical professions. Business analysts process and analyze essential information about business operations and also assimilate data for forecasting purposes. Students will complete course work in business analytics, including general theory, best practices, data mining, data warehousing, predictive modeling, project and operations management, statistical analysis, and software packages. Related skills include business communication, critical thinking and decision making. Graduates should qualify for employment as data technicians, data scientists, business and data analytics engineers, and business analysts in the fields of finance, banking, logistics, marketing, healthcare, manufacturing, information technology, and government organizations.