

Data Analytics is a joint program of the College of Business and Public Administration and the College of Arts and Sciences designed to develop analysts who can work with data to uncover practical insights and support sound and ethical decision-making. The foundation of the program is a core of computer science and statistics classes that build problem-solving skills. This is a STEM-related major.

For students entering Fall, 2019 or later

Revised August 1, 2019

Name _____

Student ID _____

I. Basic Graduation Requirements	
124 - Total Credit Hours	<input type="text"/>
42 - 100-Level or Above Credit Hours	<input type="text"/>
2.0 or Above - Cumulative GPA	<input type="text"/>
2.0 or Above - Business 100-Level Course GPA	<input type="text"/>
Graduation Agreement - <i>Due 15 months prior to graduation</i>	<input type="text"/>
Graduation Application - Online In MyDUSIS	<input type="text"/>

II. Areas of Inquiry (Drake Curriculum)			
	Course	Credit	Grade
First-Year Seminar		3	
Critical Thinking	ACCT 041	3	√
Written Communication		3	
Information Literacy	CS 065	3	√
Historical Foundations		3	
Historical Foundations		3	
Global and Cultural Understanding	BUS 070	3	√
Values and Ethics	BLAW 060	3	√
Artistic Experience		3	
Physical Science*		3 or 4	
Life Science*		3 or 4	
Quantitative Literacy		3	
Engaged Citizen		3	
Senior Capstone	BUS 195	3	√

*One science course must include a lab.

III. Non-CBPA/Non-AOI Requirement (9 credits)			
	Course	Credits	Grade
Course	CS 066	3	√
Course	CS 083	3	√
Course	CS 167	3	√
Course			
Total Credits:		9	√

IV. Business Core Requirements (48 Credits)		
The Business Profession Sequence - Every Semester	Fall	Spring
BUS 001 - The Business Profession I		
BUS 002 - The Business Profession II		
BUS 003 - The Business Profession III		
BUS 004 - The Business Profession IV		
BUS 005- The Business Profession V - as needed		
	Credit	Grade
ACCT 041 - Introduction to Financial Accounting	3	
ACCT 042 - Introduction to Managerial Accounting	3	
ECON 002 - Principles of Microeconomics	3	
IS 044 - Microsoft Office Tools for Business Analysis	2	
BLAW 060 - Business Law I	3	
BUS 070 - Globalization	3	
BUS 073 -Professional Verbal Communication	2	
BUS 074 - Professional Written Communication	2	
IS 075 - Information Technology and Business	3	
FIN 101 - Corporate Finance	3	
MGMT 110 - Organizational Behavior	3	
MGMT 120 - Management of Operations	3	
MKTG 101 - Marketing Principles	3	
BUS 195 - Business Strategy and Policy	3	

V. Data Analytics Major (44 Credits)		
	Credit	Grade
CS 065 - Intro to CS I	3	
CS 066 - Intro to CS II	3	
CS 083 - Ethical/Social Computing	3	
CS 167 - Machine Learning	3	
CS 178 - Cloud and Database Systems	3	
IS 160 - Database Management	3	
MATH 050 - Calculus I	4	
MATH 070 - Calculus II	4	
STAT 040 - Introduction to R and SAS	3	
STAT 072 - Statistics II or ACTS 135 - Mathematical Statistics	3	
STAT 130 - Probability for Analytics	3	
STAT 170 - Stat Modeling/Data Analysis II	3	
STAT 172 - Data Mining and Generalized Linear Models	3	
STAT 190 - Case Studies in Data Analysis and Big Data	3	