BS DATA SCIENCE & ANALYSIS

Foundations of Excellence		37 Credits
ACES100	Achieving Career and Education Success	3
BITS211	Microcomputer Applications: Spreadsheet	3
COMM120	Presentation Techniques	3
ENGL109	Composition	3
ENGL110	Advanced Composition	3
ENGL311	Professional Writing	3
ECON 200	Microeconomics	3
ECON 201	Macroeconomics	3
MATH 120	College Mathematics	3
MATH150	Pre-Calculus	4
SOSC201	Diversity in Society	3
STAT220	Introduction to Statistics	3
Foundations of Math and Statistics		**14 Credits**
MATH 205	Applied Linear Algebra	4
MATH215	Calculus I	4
STAT322	Inferential Statistics	3
MATH250	Discrete Structures	3
Foundations of Business		**6 Credits**
MKTG211	Marketing Foundations	3
MKTG412	Marketing Research	3
Foundations of Computer Science		**15 Credits**

CISP253	Python Scripting	3
CSCI280	Artificial Intelligence	3
CISP309	Database Systems	3
CSCI325	Deep Learning	3
CISP446	Data Warehousing	3
Major		**33 Credits**
DATA275	Introduction to Data Analytics	3
DATA288	Introduction to R Programming	3
DATA342	Advanced R Programming	3
SPMG370	Sport Analytics	3
DATA312	Data Visualization and Communication	3
DATA356	Applied Regression Analysis	3
DATA374	Classification Models	3
DATA432	Data Mining	3
DATA444	Essentials of Business Analytics	3
DATA490	Data Science Internship	3
DATA495	Data Science Capstone	3
Open Electives	**Student may choose any discipline for the electives**	**15 Credits**

Updated: 10/14/22 - jkb