## B.S. in Data Analytics

### Requirements for Degree

#### Program Core Courses
- CISC 131 Introduction to Programming and Problem Solving
- CISC 260 Data Fundamentals and Applications
  - or CISC 450 Database Design I
- CISC 360 Data Visualization
- STAT 220 Introduction to Statistics
- STAT 320 Applied Regression Analysis
  - or STAT 333 Predictive Modeling
  - or ECON 315 Introduction to Econometrics
- STAT 360 Computational Methods in Statistics
- STAT 400 Data Mining and Machine Learning

#### Allied Requirement Courses
- MATH 113 Calculus I
  - or MATH 108 and MATH 109 Calculus with Review
- COMM 100 Public Speaking
- ENGL 256 Introduction to Professional Writing

#### Domain Courses
A domain area provides students with a disciplinary context to articulate, comprehend, and analyze meaningful data analytic questions within the domain. To that end, each domain consists of 16 to 20 credits of coursework and requires a domain-centric applied data analysis project.

#### General Notes
- A grade of C- or higher is required for all Program Core Courses.
- The STAT 220 R lab sections are recommended for the Data Analytics major.
- This planning guide is for illustration purposes only. Due to the flexibility and complexity of the Data Analytics major, a student considering this major is strongly encouraged to consult with the Data Analytics Program Director to develop a course plan.