

## DATA 3100 Data Visualization With R

4 hours

### Majors, Minors & Degrees:

#### Majors

Data Analytics (B.A., B.S.)

Innovation and Entrepreneurship (B.S.)

#### Minors

Data Analytics

### Departments/Programs:

Mathematics and Computer Science

A study of data visualization, including principles and techniques. Students will analyze the effectiveness of visualizations, create a wide array of visualizations using the programming language R, and communicate a story through them. Significant emphasis will be placed on getting and cleaning data.

*Prerequisite(s): Grade of "C" or better in CMPSC 1100 Python Programming I and grade of "C" or better in one of the following statistics courses: BUSAD 2100 Business and Economic Statistics, MATH 1300 Statistics, MATH 3100 Differential Equations, POLSC 2000 Introduction to Political Science Statistics, PSYCH 2100 Psychological Statistics, or SOC 2910 Social Statistics.*