

## DATA 1350 Introduction To Data Analytics

4 hours

### Majors, Minors & Degrees:

#### **Majors**

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

Mathematics (B.A., B.S.)

#### **Minors**

Data Analytics

### Departments/Programs:

Mathematics and Computer Science

An introduction to data analytics from three perspectives: inferential thinking, computational thinking and real-world relevance. Topics include, but are not limited to: organizing real-world data by filtering, sorting, and using pivot tables; exploring data; visualizing data; using programming tools to analyze data through a statistical lens. Statistical topics include: center and spread of data, descriptive statistics, inferential statistics, regression, causality, classification and prediction.