**Undergraduate Certificate**

**Business Analytics**

**18 Hours Required:**

**Required (9 hours):**

BINS 4350 Business Database Management Systems OR IFSC 3320 Database Concepts

BINS 4351 Data Analysis and Reporting

FINC 4355 Predictive Data Analysis

**Electives (9 hours):**

MGMT 4304 Supply Chain Management

MKTG 4310 Marketing Research

At least one of the following:

ECON 4350 Econometrics

ERSI 4421 Intro to GIS

IFSC 4325 Data Mining

IFSC 4345 Information Visualization

3 hour approved elective