



Analytics Certificate **School of Business**

Required Number of Hours: 12

Description of certificate: (Include an introductory paragraph and certificate plan of study.)

Data analytics is growing rapidly. With such demand, organizations are paying a premium to hire recent college graduates who have analytic and problem-solving skills. The analytics certificate assists students to further develop a strong foundation in business analytics, no matter your major.

The student must complete the courses listed below with a grade of "C" or better.

GBU3133 Descriptive Analytics (3) **OR**

Any junior level statistics course

MIS3153 Data Management (3)

And select two of the following courses:

DSC3163 Data Visualization

DSC4043 Systems Analysis and Design

DSC4153 Predictive Analytics

DSC4163 Prescriptive Analytics

DSC4173 Data Mining

Student Learning Outcomes:

Students are expected to gain:

- a greater understanding of business,

- analytic skills that will help analyze data to make better decisions, particularly as related to managing a business,
- an understanding of database management tools used to structure, organize, manipulate, create, and use the information for decision making, and
- a greater understanding of how to predict trends based on the analysis of large data sets.

Contact information:

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