

# **BUSINESS ANALYTICS (BANA)**

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## **BANA 2010 - Business Statistics (3 Credits)**

Basic principles of probability and statistics with applications in business. Includes descriptive statistics, probability and probability distributions, data collection, sampling distributions, statistical inference, simple regression and the use of a computer to perform statistical analysis. Students are required to present their analyses in written and/or oral form and defend their conclusions. This is a business core course. Therefore a grade of a 'C-' or better must be earned to satisfy Business graduation requirements and prerequisites for other business courses. Prereq: MATH 1060, or MATH 1070, or MATH 1080, or MATH 1109, or MATH 1110, MATH 1130, or MATH 1401 with a grade of C- or higher. Restriction: Restricted to undergraduate students at a sophomore standing or higher. Max hours: 3 Credits.

Grading Basis: Letter Grade

Prereq: MATH 1060, or MATH 1070, or MATH 1080, or MATH 1109, or MATH 1110, MATH 1130, or MATH 1401 with a grade of C- or higher.

Restriction: Restricted to undergraduate students at a sophomore standing or higher.

## **BANA 3000 - Operations Management (3 Credits)**

Introduces the concepts and methods commonly used in manufacturing and service operations. Topics include aggregate planning, inventory control, scheduling, quality control, and linear programming. This is a business core course. Therefore a grade of a 'C' or better must be earned to satisfy Business graduation requirements. Prereq: BANA 2010 and ACCT 2200 both with a grade of 'C-' or higher. Restriction: Restricted to undergraduate students at a junior standing or higher. Max hours: 3 Credits.

Grading Basis: Letter Grade

Prereq: BANA 2010 and ACCT 2200 both with a grade of 'C-' or higher.

Restriction: Restricted to undergraduate students at a junior standing or higher.

Typically Offered: Fall, Spring, Summer.

## **BANA 4840 - Independent Study (3 Credits)**

Restriction: Restricted to undergraduate Business majors with junior standing or higher. Repeatable. Max Hours: 9 Credits.

Grading Basis: Letter Grade

Repeatable. Max Credits: 9.

Restriction: Restricted to undergraduate Business majors with junior standing or higher

## **BANA 4950 - Special Topics in Business Analytics (3 Credits)**

Course offered on an irregular basis for the purpose of presenting new subject matter in Business Analytics. Prereq: Will vary depending upon the particular topic and instructor. Restriction: Restricted to undergraduate Business majors with junior standing or higher. Max hours: 3 Credits.

Grading Basis: Letter Grade

Restriction: Restricted to undergraduate Business majors with junior standing or higher