

# BUSINESS ANALYSIS (BANA)

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**BANA 2372. Business Analysis. 3 Hours.**

An introduction to the use of quantitative business techniques. Topics include: organizing and presenting data, descriptive statistics, probability, discrete and continuous distributions, systems of equations, modeling, optimization procedures, and statistical inference. (Taught each semester.)

**Prerequisite:** MATH 1324 or MATH 1420 or MATH 1314.

**BANA 3363. Inter Business Analysis. 3 Hours.**

A continuation of BANA 2372 and is designed to introduce the use of statistics as a business tool in the face of incomplete knowledge. Topics include: estimation, hypothesis testing, analysis of variance, goodness-of-fit measures, correlation, simple and multiple regression. (Taught each semester.)

**Prerequisite:** 50 Completed hours and BANA 2372.

**BANA 3364. Operations Research. 3 Hours.**

Quantitative methods used in the analysis of business problems. Topics include decision theory, linear programming, transportation and inventory models, Bayesian probability, and queuing theory.

**Prerequisite:** 50 Completed hours and BANA 2372.

**BANA 4080. Independent Study. 3 Hours.****BANA 4365. Intro To Bus Forecasting& Econ. 3 Hours.**

The application of statistical methods for business and economic forecasting and for hypothesis testing, estimation, and analyzing economic data.

**Prerequisite:** 50 Completed hours and ECON 2302 and ECON 2301, BANA 3363.