

BUAD 508: BUSINESS STATISTICS & PREDICTION

This course focuses on applying statistical analysis to practical managerial decision-making. The course demonstrates the use of contemporary statistical tools and techniques in actual managerial problems relevant to data analysis and modeling. The emphasis is on establishing a practical link between basic quantitative and statistical concepts and a wide range of contemporary business problems, including statistical data analysis for business decision-making, forecasting for reliable prediction, understanding the elements of descriptive statistics estimation and sampling distribution, and using the concept of probability, inferential statistics, confidence intervals, and hypothesis testing to better understand business cycles and to aid in decisions. This course explores the relationship between statistics, people, profit, our planet, and purpose.

Credits: 3

Prerequisites:

BUAD 500

Department: Business