

Management Science - CPS Specialty (MNSC)

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MNSC 1201. Business Statistics. (4 Hours)

Provides students with the necessary skills to collect, summarize, analyze, and interpret business-related data. Covers the basic language and concepts of statistics including the sources and methods of data collection, useful numeric and graphic summaries, variability, data distributions, sampling and sampling distributions, and basic ideas of statistical inference, relationships between variables, and formulating and testing hypotheses. Also explores how to build prediction and forecasting models for chosen variables using related variables, such as time. Statistical software tools, learning aids, and sources on the Internet are used. Students conduct a semester-long data analysis project, and they practice communicating their findings via written reports.