

# STS - STATISTICS

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**STS 2003 Business Statistics (2-2-3)**

Develops the ability to assess and critically interpret statistics and business information and apply them in changing business environments. Develops a clear theoretical understanding of various analytical tools, including descriptive statistics; probability; confidence intervals, and hypothesis testing; and an appreciation of the application of analytical tools to business decision contexts. These skills and competencies provide a foundation for professional practice and further study in the major's degree.

**Prerequisites:** LSM 1003 or BUS 1023

**STS 3113 Advanced Statistical Models (2-2-3)**

Develops student's ability to assess and critically interpret statistics and business information and apply them in changing business environments. Develops a clear theoretical understanding of advanced analytical tools including advanced hypothesis testing, ANOVA, correlation, regression and time series analysis, applications of advanced non-parametric models, and statistical process control.

**Prerequisites:** STS 2003