

# BUSI 2305 : Business Statistics

Descriptive and inferential statistical techniques for business and economic decision making. Topics include the collection, description, analysis, and summarization of data; probability; discrete and continuous random variables; the binomial and normal distributions; sampling distributions; tests of hypotheses; estimation and confidence intervals; linear regression; and correlation analysis. Statistical software is used to analyze data throughout the course. (BUSI 23XX is included in the Business Field of Study.)

**Credits** 3

**Lecture Hours** 2

**Lab Hours** 4

**Clinical Hours** 0

**CIP**

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**Prerequisites**

MATH 1324 Mathematics for Business & Social Science Majors or MATH 1314 College Algebra, BCIS 1305/1405 Business Computer Applications