ACADEMIC CATALOG
2026-2027



MIDWAY
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Midway University

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Course

STA 210 - Regression/ANOVA

This course introduces regression analysis and analysis of variance (ANOVA), two essential techniques in statistical modeling. Students will learn to build, interpret, and assess linear regression models, exploring concepts such as parameter estimation, hypothesis testing, and diagnostics. The course also covers the application of ANOVA for comparing means across multiple groups, with an emphasis on experimental design and model assumptions.

Grade Basis: L
Credit hours: 3.0
Lecture hours: 3.0

Prerequisites:

- MTH 139 - Introduction to Statistics
- MTH 245 - Probability and Statistics
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