ACADEMIC CATALOG
2026-2027



MIDWAY
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Midway University

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Course 2
STA 410 - Structural Equation Modeling 2

Course

STA 410 - Structural Equation Modeling

This course provides an in-depth introduction to Structural Equation Modeling (SEM), a powerful multivariate statistical technique used to analyze complex relationships between observed and latent variables. Students will learn the fundamentals of SEM, including model specification, identification, estimation, and evaluation. The course covers both confirmatory factor analysis (CFA) and path analysis, with applications in social sciences, behavioral research, education, and health sciences.

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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