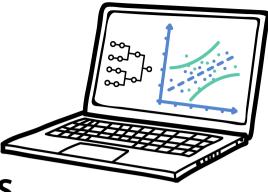






RWFM 678



This 3 hr (face-to-face) course is intended to introduce students to structural equation modeling (SEM). Structural equation modeling, sometimes referred to as covariance structural analysis, is a regression-based technique that incorporates elements of path analysis and confirmatory factor analysis. The goal of the class is to provide PhD and advanced MS students with a background on conceptual issues, an application of the method, and insight on programming through LISREL.

OUTCOMES

- Develop understanding of basic principles of psychometric measurement.
- Develop conceptual and operational understanding of latent variables and latent variable modeling.
- Be able to conceptualize and empirically test measurement/structural models in LISREL.

Background needed:

Students should have some background with psychometric measurement, factor analysis, and regression/path modeling prior to course.

Software requirements:

Students will need access to statistical software (e.g., SPSS, STAT, Minitab or other preferred platform). The course will provide access to LISREL (student version) for measurement and modeling exercises.

Questions? Contact Gerard Kyle, PhD gerard.kyle@ag.tamu.edu