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?**
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