COURSE OVERVIEW: This is a practicum course on models for nested multilevel data. This course is a natural sequel to E10.20xx Advanced Topics in Quantitative Methods: Multi-Level Modeling – Nested Data. Building on the theory and examples developed in that course, students will participate in a guided, larger research project that employs multi-level nested data models. Students will meet in groups with the instructor in a lab setting to fit, evaluate and describe these models. The final project for the course will consist of a “results and discussion” section, journal article quality write-up.

COURSE PREREQUISITE: E10.2004 (Advanced Modeling I: Topics in Multivariate Analysis) or equivalent and E10.20xx (Advanced Topics in Quantitative Methods: Multi-Level Modeling – Nested Data). **These prerequisites will be strictly enforced. Consult with the instructor if you wish to substitute an alternative.**

COURSE REQUIREMENTS:

**Participation:** 20% You are expected to attend all class meetings and participate.

**Project:** 80% There will be a data analysis project (and write-up) instead of a final exam.

COURSE HANDOUTS: Handouts from E10.20xx (Advanced Topics in Quantitative Methods: Multi-Level Modeling – Nested Data) will be used to guide some discussions.

**Late assignment policy:** Assignments are to be handed in on time.