APSTA-GE 2041 Advanced Topics in Quantitative Methods: Practicum in Multi-Level Models – Growth Curves (1 point)  
Marc Scott  
Fall 2016

Lab sessions: 3:30-6:00pm during second 7 weeks of term  
Office: 207W Kimball  
Location: Kimball B-02  
Phone: 212-992-9407

Office Hours:  
Tuesdays 2:30-3:30 pm  
email: marc.scott@nyu.edu

Text:  
Singer & Willett, *Applied Longitudinal Data Analysis* (optional)

Software: STATA

Hardware: The classroom has workstations, but you may need a laptop if your data are housed there.

Note: This course will use NYU Classes. Email is the preferred form of communication. If you call, it is best to email as well.

COURSE OVERVIEW:  
This is practicum course on models for multilevel growth curve data. This course is a natural sequel to APSTA-GE 2040 Advanced Topics in Quantitative Methods: Multi-Level Modeling – Growth Curves. Building on the theory and examples developed in that course, students will participate in a guided, larger research project that employs multi-level growth curve models. Students will meet with the instructors 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:  
APSTA-GE 2040 (Advanced Topics in Quantitative Methods: Multi-Level Modeling – Growth Curves). This prerequisite 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 APSTA-GE 2040 (Advanced Topics in Quantitative Methods: Multi-Level Modeling – Growth Curves) will be useful.

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

NOTE: The first class meets October 25 and follows an open lab format. The last lab meeting is Tuesday December 6.