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

Lab sessions:	3:30-6:00pm *during second 7 weeks of term*	Office: 207W Kimball
Location:	TBD	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.