CRIM7310 - Advanced Quantitative Methods in Criminology

[CRIM 7310](#) Advanced Quantitative Methods in Criminology (3 semester credit hours) This course is designed to be an extension to [CRIM 7301](#). Quantitative research techniques not covered in 7301 will be addressed in depth as they apply to longitudinal and multilevel criminological research. Topics may include, but are not limited to, structural equation modeling (SEM), multilevel growth curve modeling, growth mixture models, panel regression, propensity score matching, and latent class analysis. Topics may vary by semester and may be tailored to fit students' research needs. Recommended prerequisite: Students should have a firm understanding of varying regression techniques, etc., prior to enrolling. Prerequisites: [CRIM 7301](#) with a B or better and instructor consent required. (3-0) Y