Quantitative Methods Flowchart

**Statistics Sequence**
- EDP 380C 6-Statistical Analysis for Experimental Data
- EDP 380C 8-Data Analysis using SAS
- EDP 380C 12-Survey of Multivariate Methods
- EDP 380C 14-Structural Equation Modeling
- EDP 380C 16-Hierarchical Linear Modeling
- EDP 380C 20-Data Analysis and Programming using R
- EDP 380C 23-Missing Data Analysis

**Measurement Sequence**
- EDP 380D 4-Psychometrics: Theory & Methods
- EDP 380D 12-Item Response Theory
- EDP 380D 14-Applied Psychometrics
- EDP 380D 18-Adv. Psychometrics Research
- EDP 381E Advanced Item Response Theory

**Research Methodology**
- EDP 380C 2-Fundamental Statistics
- EDP 380D 6-Program Evaluation Models and Techniques
- EDP 381C 8-Qualitative Research Methods
- EDP 380C 6-Statistical Analysis for Experimental Data
- EDP 380C 2-Research Design and Methods for Psychology and Education
- EDP 381C 14-Causal Inference

*Statistical Analysis for Experimental Data preferred as added pre-req
**Correlation and Regression Methods preferred as added pre-req