

# PSYC 013: Adv Sem in Quantitative Psych

Advanced Seminar in Quantitative Research Methods. Explores advanced statistical research concepts, methodological approaches, and analysis techniques. Overviews topics including the designing of quantitative research studies, posing psychological questions, analyzing quantitative psychological data, and writing research reports. Understands key features of complex quantitative research data collection approaches and analyses techniques, and gains an understanding of internal, external, construct, and statistical conclusion validity.

**Credits:** 3

**Prerequisites/Permissions:**

Foundations of Psyc Science, Research Design & Analysis, Stats I, Stats II

**Program:**

## Psychology

### COURSE DESCRIPTIONS

**Essential Learning Outcomes:** ELO #3: Knowledge of the Physical and Natural World