

# PSYG-601 : Advanced Statistical Methods and Research Design I

The first course in this three-course sequence is an advanced discussion of statistical and research-methodological topics including the scientific method, induction/deduction, and epistemology; reliability and validity; sampling procedures and theory; descriptive and inferential statistics; parametric and nonparametric statistical families; and the assumptions underlying and appropriate use of specific statistical tests.

**Credits** 3

**Instructional Method**

LEC

**Semester Offered**

Fall