

PSYC 004: Statistics II (Lec/Lab)

Statistics II. Continues the examination of quantitative methods in psychology initiated in PSYC 003. Explores the use of confidence intervals, statistical applications to research designs with more than one factor, statistical power, multiple regression analyses, and nonparametric tests. Lectures and laboratory. Apply open-source statistical programs to the analysis of increasingly complex sets of data. Understand when particular statistical techniques should be used and what assumptions must be met when these techniques are used. Prereq. Psych 001,002,003.

Credits: 4

Prerequisites/Permissions:

Foundations of Psyc Science, Reseach Design & Analysis, Stats I

Program:

Psychology

COURSE DESCRIPTIONS

Essential Learning Outcomes: ELO #3: Knowledge of the Physical and Natural World
ELO #4: Intellectual and Practical Skills