### Course Title:
Statistics for Psychology

### Term/Semester/Year:
Spring 2010

### Course Catalog Number:
PSYC 2201

### Instructor:
Dr. J. Braden-Maguire

### Course Description:
This course will provide students with fundamental knowledge of the basic statistical techniques for describing and evaluating scientific data in Psychology, as well as the theory on which these techniques are based.

### Prerequisites (If any):

### Goals and Objectives:
The general learning goals of this course include: (1) the understanding and application of basic research methods in Psychology, including research design, data analysis, and interpretation; and (2) the ability to communicate effectively using statistical concepts.

### Course Topics:
Descriptive statistics; sampling distributions and hypothesis testing; statistical decision theory; parametric inferential tests; simple correlation/regression analysis; nonparametric tests.

### Text: