

University of Arkansas - Fort Smith
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General Syllabus

PSYC 35033 Behavioral Statistics

Credit Hours: 3

Lecture Hours: 3

Laboratory Hours: 0

Prerequisite: PSYC 26133 Research Methods in Psychology

Prerequisite or corequisite: PSYC 36133 Experimental Psychology

Effective Catalog: 2019-2020

I. Course Information

A. Catalog Description

Descriptive and inferential statistics used in conducting behavioral research; the collection and analysis of data; hypothesis testing; and application of various statistical methodologies. Computer spreadsheets and other electronic programs are used.

B. Additional Information

This course is required.

II. Student Learning Outcomes

A. Subject Matter

Upon successful completion of this course, the student will be able to:

1. Employ statistical principles gained in PSYC 25133
2. Demonstrate the knowledge and effective use of various statistical procedures
3. Evaluate and apply advanced statistical procedures to behavioral research
4. Prepare for the Senior Comprehensive Examination

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Ethical Decision Making

Students will recognize and analyze ethical dilemmas.

Global and Cultural Perspectives

Students will reflect upon cultural differences and their implications for interacting with people from cultures other than their own.

Communication Skills (written and oral)

Students will communicate effectively with a variety of audiences in any setting.

Analytical Skills**Critical Thinking Skills**

Students will draw conclusions and solve problems.

III. Major Course Topics

- A. Descriptive Statistics
- B. Inferential Statistics
- C. Conducting Behavioral Research
- D. Collection and Analysis of Data
- E. Hypothesis Testing