

University of Arkansas - Fort Smith
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General Syllabus

PSYC 3653 Applied Research in Psychology

Credit Hours: 3

Lecture Hours: 3

Laboratory Hours: 0

Prerequisite: PSYC 3613 Experimental Psychology and one of the following: ENGL 1213 Composition II, ENGL 1233 Honors Composition, or RHET 2863 Advanced Composition

Effective Catalog: 2019-2020

I. Course Information

A. Catalog Description

A research investigation of a behavioral topic. Student reviews literature, designs and executes a simple research study, writes a research paper using APA style, and presents results in a formal setting.

II. Student Learning Outcomes

A. Subject Matter

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

1. Develop a strong foundation of knowledge of the scientific method and its application;
2. Apply statistical procedures to behavioral data;
3. Design and execute a complete empirical research study; and
4. Examine the significance of ethics in research.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

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**Quantitative Reasoning**

Students will apply suitable statistical techniques to understand and explain problems and draw inferences in behavioral research.

Critical Thinking Skills

Students will draw conclusions and solve problems.

III. Major Course Topics

- A. Inferential statistics
- B. Experimental design
- C. Scientific method
- D. Ethics in behavioral research
- E. APA style writing
- F. Development of surveys and questionnaires