

PSYC B6: Research Methods for the Behavioral and Social Sciences

Student Learning Outcomes or AUO	Measure	PLO	ILO	GE
1. Articulate factors involved in using the scientific method to study behavioral and social phenomena.	Pre Post Test Essay	PLO 1 PLO 2	1	B.2.1
2. Formulate testable research hypotheses based on operational definitions.	Pre Post Test	PLO 1 PLO 2	1 2	B.2.1
3. Describe strengths and limitations of various research designs.	Pre Post Test Essay	PLO 1 PLO 2	1	B.2.1
4. Analyze, interpret and report statistical research findings using professional standards.	Pre Post Test	PLO 1 PLO 2	1 3	B.2.1
5. Course Objectives: A. Explain the basic principles of the scientific method. B. Critically evaluate research reports. C. Synthesize a body of research findings. D. Develop and test hypotheses. E. Demonstrate knowledge of general research designs, experimental and non-experimental methods, and standard research practices. F. Select appropriate research designs to test hypotheses. G. Explain the ethical treatment of human and animal participants in research and the institutional requirements for conducting research. H. Assess the generalizability of study results. I. Demonstrate proficiency in APA style.	Pre Post Test Essay	PLO 1 PLO 2 PLO 3	1 2 3	B.2.1

PLOs:

1. Demonstrate an understanding of the major concepts of behavior, theoretical perspectives, empirical findings, and historical trends in psychology.

Assessment: Exams, quizzes, papers, research and presentations.

2. Demonstrate an understanding of basic research methods and information competency in obtaining relevant information about the science and profession of psychology.

Assessment: Exams, quizzes, papers, research and presentations.

3 . Exhibit an awareness of the ethical and professional factors related to the diversity of individuals and groups within the discipline of psychology.

Assessment: Exams, quizzes, papers, research and presentations.

ILOs:

- I. Think critically and evaluate sources and information for validity and usefulness.**
- II. Communicate effectively in both written and oral forms.**
- III. Demonstrate competency in a field of knowledge or with job-related skills.**
- IV. Engage productively in all levels of society – interpersonal, community, the state and nation, and the world.**

GELOs:

Use the GE categories from the catalog if this is a GE course.

A-E*B.2. Mathematics and Logic (Analytic Thinking)*

1. Apply formal systems of reasoning in solving problems or analyzing arguments.

