



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

PSY5810 Research Methods
3 Semester Hours

Student Learning Outcomes and Enabling Objectives

SLO1: Assess basic elements of scientific research design.

- a. Formulate problem statements and research questions.
- b. Develop hypotheses appropriate for quantitative research.
- c. Differentiate types of variables.
- d. Discuss how variables influence design, data collection, and data analysis.
- e. Discuss factors that influence the selection of research methods.
- f. Assess various forms of measurement used in research.
- g. Compare and contrast sampling methods.
- h. Discuss the process for selecting the appropriate data analysis methods.

SLO2: Examine qualitative research methods.

- a. Examine the primary types of qualitative research.
- b. Practice qualitative question writing, interviewing, coding and analyzing narrative data.
- c. Explore the data collection procedures used in qualitative research.

SLO3: Explore common mixed methods research designs to include:

- i. convergent design
- ii. explanatory sequential design
- iii. exploratory sequential design

SLO4: Determine when to use quantitative, qualitative, and mixed methods designs in different settings.

- a. Discuss how the problem statement/research questions influence design.
- b. Discuss how the type of method influences the application of the results.

SLO5: Analyze ethical issues and considerations relevant to research.

- a. Examine professional and organizational ethical codes related to research (i.e. APA code of ethics).
- b. Discuss the role of informed consent, confidentiality, and anonymity as they pertain to research.
- c. Assess the use of deception in research.

SLO6: Explore global and cultural considerations common to research.

- a. Discuss how global and cultural considerations can affect research design and data collection.
- b. Discuss how sample demographics affect application of research results.

SLO7: Design a research proposal relevant to industrial/organizational psychology.

- a. Practice identifying research problems, creating hypotheses, and identifying variables.
- b. Synthesize results of multiple published research studies to support assertions.
- c. Practice developing methodology details.
- d. Practice selecting appropriate data analysis for research.

SLO8. Communicate effectively using the professional standards of the discipline.

- a. Apply APA formatting guidelines to paper format, body of p in-text citations, and references.
- b. Apply knowledge of writing mechanics (sentence structure, spelling, punctuation, etc.) to enhance professionalism and enhance readability of writing.
- c. Write and speak in a coherent and clear manner consistent with professional and academic settings.

These SLOs are not approved for experiential credit.

Effective: Fall 2017