



BAKER COLLEGE
STUDENT LEARNING OUTCOMES

BUS8320 Research Design Practicum

3 Semester Credit Hours

Student Learning Outcomes and Enabling Objectives

1. Evaluate the types of qualitative and quantitative research designs and the essential elements for each.
 - a. Define the types of qualitative research design.
 - b. Define the types of quantitative research design.
 - c. Compare and contrast the purpose of research designs.
2. Summarize problem statements, hypotheses, and purpose statements
 - a. Describe a qualitative problem statement.
 - b. Develop a quantitative hypothesis example.
 - c. Compose purpose statements to support qualitative and quantitative research.
3. Explain the function of the research question.
 - a. Prepare research questions and sub-questions.
 - b. Develop the foundation for support of the problem statement with inquiry.
4. Differentiate between interviews, surveys, and other data collection techniques.
 - a. Demonstrate the interview process.
 - b. Construct surveys based on the problem statement.
5. Differentiate between data analysis in quantitative research and in qualitative research.
 - a. Describe pilot testing.
 - b. Differentiate between data analysis techniques in qualitative research and techniques in quantitative research.
6. Defend the role of the researcher in research-related projects.
 - a. Clarify the ethical obligations of a researcher.
 - b. Demonstrate the role of the researcher.
 - c. Examine the CITI Training Requirements.
7. Describe the use of MAXQDA.
 - a. Explain thematic analysis.
 - b. Defend the usage of qualitative data for analysis.
 - c. Construct qualitative graphs based on the analysis.
8. Conduct a qualitative or quantitative study.
 - a. Develop a problem statement.
 - b. Summarize a research purpose.
 - c. Develop research questions / hypothesis.

- d. Describe the research methodology.
- e. Develop a data analysis plan.
- f. Summarize results.
- g. Conclude lessons learned.

Big Ideas and Essential Questions

Big Ideas

- Qualitative Research Design
- Quantitative Research Design

Essential Questions

1. What are the differences between qualitative and quantitative research designs?
2. What are the differences in the output of qualitative and quantitative research?

These SLOs are not approved for experiential credit.

Effective: Fall 2023