Bemidji State University

UNIV 3000: Interdisciplinary Research Methods

A. COURSE DESCRIPTION

   Credits: 3
   Lecture Hours/Week: *.*
   Lab Hours/Week: *.*
   OJT Hours/Week: *.*
   Prerequisites: None
   Corequisites: None
   MnTC Goals: None

   An introduction to research methods, including development of research proposals, theory of research, data acquisition, and analysis within multiple disciplines. Prerequisites: Junior status and consent of instructor.

B. COURSE EFFECTIVE DATES: 05/15/2013 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

   1. 1) Identification of a research problem and formulating a hypothesis.
       2) Identifying and acquiring appropriate literature.
       3) Designing an experiment that will test the hypothesis.
       4) Methods of data analysis.
       5) Preparation and presentation of a research plan.

D. LEARNING OUTCOMES (General)

   1. Students will identify problems within their major discipline to be addressed through research.
      Students will construct testable hypotheses focused upon a disciplinary problem.
      Student will complete a literature review focused on a disciplinary problem, including use of discipline-specific bibliographic databases.
      Students will identify an appropriate experimental design for data collection and data analysis.
      Students will evaluate research related ethical considerations.
      Students will prepare and present a research plan on a research problem within their discipline.

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

   None

F. LEARNER OUTCOMES ASSESSMENT

   As noted on course syllabus

G. SPECIAL INFORMATION

   None noted