

# Minnesota State University Moorhead

## CHEM 397: Undergraduate Research

### A. COURSE DESCRIPTION

Credits: 1,2,3

Lecture Hours/Week: \*.\*

Lab Hours/Week: 5

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Research studies in all areas of chemistry. A research paper and/or oral presentation are required. May be repeated.

**B. COURSE EFFECTIVE DATES:** 08/20/2012 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Specific content dependent upon research mentor and project.
2. Students will gain experience in application of the scientific method to real research problems.

### D. LEARNING OUTCOMES (General)

1. Apply the scientific method and scientific reasoning to research problems.
2. Communicate their results in written and/or oral form.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted