

# Minnesota State University Moorhead

## GEOS 350: Geoarchaeology

### A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites:

ANTH 115 - Introduction to Archaeology; OR

GEOS 117 - Water, Land, and People; OR

GEOS 115 - Physical Geology

Corequisites: None

MnTC Goals: None

Examines the application of Geoscience methods and techniques to archaeological deposits and materials. Emphasizes foundational concepts in Geoarchaeology, the role of Geoarchaeology in contemporary archaeology, and the application of geoarchaeological knowledge and skills to inform archaeological interpretation.

**B. COURSE EFFECTIVE DATES:** 12/31/2001 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. What is Geoarchaeology?
2. Soils, Sediments, Stratigraphy
3. Geoarchaeological Methods
4. Depositional Environments
5. Site Formation
6. Post Depositional Processes

### D. LEARNING OUTCOMES (General)

1. Understand key concepts, principles, methods and applications of Geoarchaeology.
2. Exhibit basic soil analysis and mapping skills.
3. Comprehend the interpretive value of soil and sediment properties.
4. Use resources effectively in geoarchaeological applications.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted