

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

Corequisites: None

MnTC Goals: None

Examines the application of Geosciences methods and techniques to archaeological deposits and materials. Emphasis on critical evaluation and interpretation of geoarchaeological data using a series of case studies.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Introduction to Geoarchaeology
2. Soils, Sediments, Stratigraphy
3. Geoarchaeological Methods
4. Depositional Environments
5. Site Formation
6. Post Depositional Processes
7. Synthesis

D. LEARNING OUTCOMES (General)

1. Describe the origins, scope, and promise of this interdisciplinary research area
2. Understand key concepts, principles, methods and applications
3. Exhibit basic soil analysis and mapping skills
4. Identify settings in which geoarchaeological studies might be useful and pose questions or formulate problems that these studies might help answer
5. Exhibit basic competency in working with geoarchaeological literature

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted