

# Bemidji State University

## BIOL 3844: Wetlands Ecology Lab

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Laboratory course to supplement BIOL/ENVR 3840 Wetlands Ecology. Intended to strengthen a basic understanding of the terminology, classification, ecology, values, and conservation of wetlands.

Prerequisite or Corequisite: BIOL/ENVR 3840 or consent of instructor.

**B. COURSE EFFECTIVE DATES:** 07/23/2004 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Forest Wetlands
2. Groundwater Hydrology
3. Hydrology, Soils & Vegetation
4. Lacustrine
5. Lakeshore
6. Palustrine
7. Peatlands
8. Plant Identification: Poaceae, Cyperaceae, & Plant Adaptations
9. Soils Analysis
10. Tree Core Analysis
11. Tree Core Collection
12. Wetlands in Winter

### D. LEARNING OUTCOMES (General)

1. know the basic terminology, forms of classification, ecology and conversational value of the major wetland types.
2. gain practical knowledge on classification techniques and collection of field data associated with wetlands.

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

None

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted