Bemidji State University

BIOL 3840: Wetlands Ecology

A. COURSE DESCRIPTION

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

Survey course develops a basic understanding of the terminology, classification, ecology, values, and conservation of wetlands. Covers wetland systems from around the world, with emphasis on wetlands in North America. Prerequisites: BIOL 1211 and 1212.

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

C. OUTLINE OF MAJOR CONTENT AREAS

1. Biogeochemistry  
2. Biological Adaptations  
3. Climate Change & Wetlands  
4. Freshwater Swamps  
5. Hydrology  
6. Inland Freshwater Marshes  
7. Minnesota's Isolated Forest Wetlands  
8. Peatlands  
9. Tidal Marshes  
10. Tidal Wetlands  
11. Treatment Wetlands  
12. Trends in Wetland Loss  
13. Wetland Creation & Management  
14. Wetland Distribution  
15. Wetland Protection  
16. Wetland Structure/Ecosystem Development  
17. Wetland Types  
18. Wetland Values

D. LEARNING OUTCOMES (General)

1. know the basic terminology, forms of classification, ecology, chemistry and conversational value of diverse wetland types.

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

None
F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted