A. Course Description

Credits: 3

Lab Hours/ Weeks: Corequisites: None

Lecture Hours/ Week :

MnTC Goals: None

Advanced course in wetland ecology with application to the classification, assessment and delineation of wetlands. Students learn and apply techniques in the sampling and identification of wetland plants, macroinvertebrates, and soils.

B. Course Effective Dates: 05/03/2017 - Present

C. Outline of Major Content Areas:

See Course Description for major content areas.

D. Learning Outcomes (General)

1. Understand and apply core theories and results of current research in wetland ecology
2. Understand and apply methods of wetland classification, assessment, and monitoring that are used by local, regional and state agencies
3. Collect and identify plant and macroinvertebrate species found in Minnesota wetlands using standard methods
4. Analyze and evaluate wetland plant and invertebrate communities using methods of biological assessment and monitoring
5. Understand government structures and legislation that have roles in wetland conservation and management
6. Effectively communicate technical information between and among experts and public

E. Learning Outcomes (MN Transfer Curriculum)

This contains no goal areas.

G. Special Information

Note: This honors course is open to students who have met the criteria and been granted honors biology status, a process administered by the Natural Sciences Department. All prerequisites must be completed with grade of B or above. Contact instructor or department chair for permission.