

# Bemidji State University

## **BIOL 3170: Dendrology**

### **A. COURSE DESCRIPTION**

Credits: 2

Lecture Hours/Week: 0

Lab Hours/Week: 0

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: None

The main function of a dendrology class is to learn the identification and basic ecology of woody plants (trees, shrubs, woody vines) for a region, along with the basic vocabulary used to describe woody plants. Prerequisite(s): (BIOL 1400, 1500, and 2610) or consent of instructor.

**B. COURSE EFFECTIVE DATES:** 01/10/2019 - Present

### **C. OUTLINE OF MAJOR CONTENT AREAS**

1. Hands-on identification of woody plant species in winter and summer condition; combined with recognizing plants, plant communities, and site conditions in the field. The emphasis is on practical knowledge useful to a wide range of natural resource management professions.

### **D. LEARNING OUTCOMES (General)**

1. be able to identify the trees, and most of the shrubs and woody vines of northern & central Minnesota.
2. know the general ecology of these species ; their habitat requirements, organization into communities, and uses by wildlife and humans. Interpret a set of species from a community in terms of the habitat conditions they reflect.
3. know how to use keys, technical descriptions, and other tools of formal plant taxonomy.
4. be familiar with the basic vocabulary used to describe plants. Apply knowledge of these terms and technical tools such as keys to identify unfamiliar plant species.

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

None

### **F. LEARNER OUTCOMES ASSESSMENT**

As noted on course syllabus

### **G. SPECIAL INFORMATION**

None noted