

# North Hennepin Community College

## BIOL 1600: Biology of Nature Series

### A. COURSE DESCRIPTION

Credits: 1

Lecture Hours/Week: \*.\*

Lab Hours/Week: \*.\*

OJT Hours/Week: \*.\*

Prerequisites: None

Corequisites: None

MnTC Goals: Goal 10 - People/Environment

Explore the natural history of Minnesota! A series of courses on topics as diverse as wetlands, wild flowers, edible plants, predatory birds, prairie ecology, and winter biology are offered throughout the year. These one-credit courses are taught on an introductory level. Each course may be taken for one credit.

### B. COURSE EFFECTIVE DATES: 08/25/1997 - Present

### C. OUTLINE OF MAJOR CONTENT AREAS

1. Content varies depending on topic. Subject matter usually considers the ecology of individual species, communities, and ecosystems, biodiversity, endangered species, and the affect of human actions on the natural world. The emphasis is on the study of these ecological issues in the context of Minnesota's past and present environmental conditions, including humans as an integral part of the environment. To the degree possible, emphasis is put on hands-on, field-based activities.

### D. LEARNING OUTCOMES (General)

1. Understanding of general ecological principles in the context of a specific ecological topic.
2. Convey an appreciation of the remarkable complexity of natural ecosystems and ecosystems modified by human intervention.
3. Encourage students to take an active, positive role in environmental issues.

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

Goal 10 - People/Environment

1. Explain the basic structure and function of various natural ecosystems and of human adaptive strategies within those systems.
2. Discern patterns and interrelationships of bio-physical and socio-cultural systems.
3. Describe the basic institutional arrangements (social, legal, political, economic, religious) that are evolving to deal with environmental and natural resource challenges.
4. Evaluate critically environmental and natural resource issues in light of understandings about interrelationships, ecosystems, and institutions.
5. Propose and assess alternative solutions to environmental problems.
6. Articulate and defend the actions they would take on various environmental issues.

### F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

### G. SPECIAL INFORMATION

None noted