

## **Certificate in Environmental Education**

The certificate in environmental education is designed for teachers, scientists, public officials, consultants, field naturalists, environmental interpreters, and others having responsibility for educating or informing people about the environment. The certificate is awarded after the successful completion of 18 credit hours of study selected from the courses listed below. Candidates must apply to the chairperson of the environmental science department, be assigned an advisor, and have their course of study approved by the department chairperson. Up to 8 prior credits may be applied toward the certificate program.

### **Courses:**

#### **Required:**

ESP 445/ EPB 545 Environmental Education and Interpretation

ESP 495 Internship (with an environmental education/interpretation host)

#### **At least one of the following is required:**

EPA 530 Science of Maine Forests

EPA 542 Environmental Science Concepts and Strategies for Middle School Teachers

EPB 525 Science Content for Elementary School Teachers

HRD 339 Adult Learning and Development

#### **Choose** from below to complete the credit requirements:

ESP 101K Fundamentals of Environmental Science

ESP 102K Fundamentals of Environmental Science Laboratory

ESP 110 Introduction to Nature Tourism

ESP 125K Introduction to Environmental Ecology

ESP 126K Introduction to Environmental Ecology Laboratory

ESP 150 Environmental Science Field Immersion Session

ESP 203 Environmental Communication

ESP 250 Soils and Land Use

ESP 280 Research and Analytical Methods

ESP 303 Wetlands Ecology

ESP 308 Global Environmental Change

ESH 341 Environmental Regulations

ESP 411 Methods of Field Analysis

ESP 413 Forest Ecology