CONSERVATION/FIELD STUDIES (CNFS)

CNFS 460 Practicum in Environmental Education (3 credits)
Prerequisite(s): EDFD 200. This course is designed to provide future teachers and supervisors with a background of experience and knowledge which will enable them to organize and conduct environmental education programs. Using an extensive library of environmental education materials, students formulate teaching units, lists of teaching aids, and projects suitable for use in environmental education programs. Participating in programs with school children in residence at the School of Conservation furnishes a practical background for environmental education development.

CNFS 500 Curriculum Development in Environmental Education (3 credits)
The historical, philosophical, and conceptual aspects of developing a K-12 environmental education curriculum. The focus is on the four major curriculum areas: humanities, social studies, environmental science and outdoor pursuits with proposed activities for the classroom, school grounds, community, and natural areas, intended to enhance the students' awareness of environmental problems and their possible solutions.

CNFS 503 Humanities and the Environment (3 credits)
This course will focus on the cycle of humanity’s relationship to nature, based on three sequential stages: 1) humans in nature, in which archaic religions, myths and legends will be investigated; 2) humans vs. nature, which will be a consideration of the alienation due to the influence of science and technology; and 3) humans and nature, which will consider the new mysticism of today. The coursework will include lecture, discussion, seminar, and independent study.

CNFS 530 Workshop in Wildlife Management Education (1 credit)
This is a field course designed to provide information about wildlife and environmental topics to be included in a school curriculum. Curriculum supplements include Project WILD and Aquatic WILD.

CNFS 595 Conservation Biology: The Preservation of Biological Diversity (3 credits)
Prerequisite(s): One semester of college biology with laboratory. This course addresses concerns about the loss of biological diversity and genetic resources through species extinctions. Students will learn about the importance of maintaining biological diversity, the problems involved in monitoring and protecting sensitive and crucial habitat, the impact of human societies on biodiversity, the alternatives to the destruction of habitat/species, the prospects of restoration, and the policies needed to prevent the loss of biological diversity. Students will also learn about population processes that are directly related to species survival. Mutually Exclusive with BIOL 595.

CNFS 601 Advanced Environmental Education Seminar (2 credits)
Corequisite(s): CNFS 621. Prerequisite(s): CNFS 500. The seminar for advanced students who want to examine, in depth, a selected topic related to current developments in environmental education. The seminar will choose a particular issue facing educational environment, develop a method for studying that issue, and produce a publishable work (e.g., curriculum materials or academic paper) related to the topic.

CNFS 610 Administration and Supervision of Environmental Field Study (2 credits)
Corequisite(s): CNFS 620. This course is intended to provide an overview of administrative procedures in organizing and implementing a day or resident program in environmental education. Among the areas to be reviewed are: historical and philosophical perspectives, development of a field curriculum, staff selection and training, financial management, facility design, and selection of equipment.

CNFS 620 Field Laboratory Experiences in Admin and Supervision of Environmental Field Study (1 credit)
Corequisite(s): CNFS 610. The field experiences in this one-credit graduate course are designed to support and supplement the theoretical foundations communicated in the course, “Administration and Supervision of Environmental Field Study” (CNFS 610) and to provide opportunities to conduct on-site facility evaluation, test teaching equipment, discuss training programs with faculty at other facilities, and review financial management and business procedures used in the variety of centers.

CNFS 621 Field Laboratory Experience in Environmental Education (1 credit)
Corequisite(s): CNFS 601. The field experiences in this one credit course are designed to support and supplement the theoretical foundations communicated in the course “Advanced Environmental Education Seminar” (CNFS 601).