# Natural Resources Management - NATR

## Courses

**NATR 2010 ENVIRONMENTAL INTERPRETATION (3)** LEC. 3. NATR major/ Nature-based Recreation minor or departmental approval. Communication theory as management and public relations tool for natural resource management. Fall.

**NATR 2020 NATURAL RESOURCES FIELD METHODS (3)** LEC. 2. LAB. 4. Sampling methods relevant to the evaluation of the environment. Topics include sampling methods, quality assurance procedures, and data management.

**NATR 2050 PEOPLE AND THE ENVIRONMENT: AN INTRODUCTION TO CONSERVATION SOCIAL SCIENCES (3)** LEC. 3. Introduction to the variety of social sciences used to understand the relationships of people and their environment. Students will develop a deeper and broader understanding of the challenges and potential solutions to natural resource issues facing society today.

**NATR 3310 NATURE BASED RECREATION (3)** LEC. 3. Introduction to fundamentals of nature-based recreation; recreationist' motivations, society benefits, and management of the outdoor recreational environment. Spring.

**NATR 4240 WATERSHED MANAGEMENT (3)** LEC. 3. Pr. BIOL 1030. Introduction to watersheds, effects of land management on erosion and water quality, and mitigation techniques to reduce adverse effects. Spring.

**NATR 5050 URBAN ECOLOGY (3)** LEC. 3. Examination of urban ecosystems and the influence of urbanization on rural and forested lands. Junior standing. May count either NATR 5050 or NATR 6050.

**NATR 5250 WETLAND ECOLOGY AND MANAGEMENT (3)** LEC. 3. Pr. BIOL 3060 or FORY 4230. Wetland ecology in the southeastern U.S. with emphasis on soils, hydrology, biology, and policies and practices related to agriculture, forestry, wildlife. Spring.

**NATR 5310 ENVIRONMENTAL ETHICS (3)** LEC. 3. Critical examination of environmental ethics: historical development and various ethical perspectives. Examination of current environmental issues using perspectives covered in course. Fall.

**NATR 5430 HUMAN DIMENSIONS OF WILDLIFE AND NATURAL RESOURCES (3)** LEC. 3. Pr. NATR 2050. Forests, wildlife, wetlands, and wilderness - sustaining and managing our natural resources ultimately depends on understanding people. Students will investigate the paradigms and theoretical foundations regarding our values, beliefs, attitudes and behaviors concerning human-environment interactions.

**NATR 5630 CONSERVATION PLANNING (3)** LEC. 3. Pr. NATR 2050 and BIOL 3060 and (STAT 2510 or STAT 2010). Trains students in how to build plans for conservation and management of natural resources. Covers established processes associated with developing conservation plans while addressing human concerns. Includes how to establish measurable objectives, utilize data, frame problems, and determine uncertainty/risk.

**NATR 5880 ECOLOGICAL ECONOMICS (3)** LEC. 3. Foundations, principles and empirical application of ecological economics to address current social and economic issues. Spring.

**NATR 6050 URBAN ECOLOGY (3)** LEC. 3. Examination of urban ecosystems and the influence of urbanization on rural and forested lands. May count either FOWS 5050 or FOWS 6050.

**NATR 6250 WETLAND ECOLOGY AND MANAGEMENT (3)** LEC. 3. Pr. BIOL 3060. Wetland ecology in the southeastern U.S. with emphasis on soils, hydrology, biology, and policies and practices related to agriculture, forestry, wildlife. Spring.

**NATR 6310 ENVIRONMENTAL ETHICS (3)** LEC. 3. Critical examination of environmental ethics. Historical development and various ethical perspectives. Examination of current environmental issues using perspectives covered in course. Fall.

**NATR 6880 ECOLOGICAL ECONOMICS (3)** LEC. 3. Foundations, principles and empirical application of ecological economics to address current social and economic issues. Spring.

**NATR 7106 HUMAN DIMENSIONS OF ONE HEALTH (2)** DSL. 2. An introduction to advanced concepts regarding human behavior and the role of human dimensions under the One Health framework.

**NATR 7990 RESEARCH AND THESIS (1-15)** RES. 0. Credit to be arranged. Course may be repeated for a maximum of 15 credit hours.