

RENr RENEWABLE NATURAL RESRCES

RENr 650/ESSM 676 Leadership, Development and Management of Environmental NGOs

Credits 3. 3 Lecture Hours.

Trends and increasing power of NGOs in environment and sustainable development; understanding of the organizational structures, functions, planning and management processes of environmental NGOs; technical skills and leadership qualities for careers with environmental NGOs.

Prerequisite: Graduate classification.

Cross Listing: ESSM 676/RENr 650.

RENr 651 Geographic Information System for Resource Management

Credits 3. 2 Lecture Hours. 2 Lab Hours.

Geographic Information System (GIS) approach to the integration of spatial and attribute data to study the capture, analysis, manipulation and portrayal of natural resource data; examination of data types/formats, as well as the integration of GIS with remote sensing and Global Positioning System; laboratory includes extensive use of GIS applications to conduct analyses of topics in natural resources.

Prerequisite: Graduate classification.

Cross Listing: BAEN 651 and ESSM 651.

RENr 653/RPTS 653 Conservation Psychology

Credits 3. 3 Lecture Hours.

Theories and methods of psychology applied to conservation behavior for the improvement of relationships between people and natural systems; understand challenges and generate solutions related to the human psyche and wilderness, children and nature, role of culture.

Cross Listing: RPTS 653/RENr 653.

RENr 659 Ecological Economics

Credits 3. 3 Lecture Hours.

Study of the relationships between ecosystems and economic systems; understanding the effects of human economic endeavors on ecological systems and how the ecological benefits and costs of such activities can be quantified and internalized.

Prerequisite: Graduate classification.

Cross Listing: AGECE 659 and ESSM 671.

RENr 660/ESSM 672 Environmental Impact Analysis for Renewable Natural Resources

Credits 3. 3 Lecture Hours.

Analysis and critique of contemporary environmental analysis methods in current use; environmental impact statements; national policies; political, social and legal ramifications as related to development and use of renewable natural resources.

Cross Listing: ESSM 672/RENr 660.

RENr 662 Environmental Law and Policy

Credits 3. 3 Lecture Hours.

Analysis of the legal theories used to allocate and protect environmental resources; common law, federal and state statutes, and international treaties dealing with the environment; policies and laws for controlling air, water, solid waste, toxic waste and water pollution; species protection and natural resource use.

RENr 678/RPTS 678 Latent Variable Model Applications in the Leisure Sciences

Credits 3. 3 Lecture Hours.

Introduction to structural equation modeling (SEM); background on conceptual issues, application of the method, and insight on SEM software; measurement theory, missing data analysis, non-normal data, confirmatory factor analysis, path analysis, multi-group models.

Prerequisites: STAT 636 or approval of instructor.

Cross Listing: RPTS 678/RENr 678.