RENR RENEWABLE NATURAL RESOURCES

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/ESSM 651 and RENR 651.

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: AGEC 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.