

NATURAL RESOURCES AND ENVIRONMENTAL ECONOMICS (NREE)

NREE 265 Resource and Environmental Economics I

Crosslisted with: AECN 265

Prerequisites: ECON 211; ECON 212 or AECN 141.

Description: Introduction to resource economics and the role of such concepts in natural resource management. The interface of economics and ecology in the context of both private and public decision making. Application of economic principles to actual natural resource/ environmental issues.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

NREE 357 Natural Resource and Environmental Law

Crosslisted with: AECN 357

Prerequisites: Junior standing

Notes: SCIL 101 or GEOG 181 recommended.

Description: Environmental impact review; air and water pollution control; solid and hazardous waste control; endangered species and habitat preservation; land use regulation; state and federal water rights law.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

Prerequisite for: AECN 456, AECN 856, NREE 456; AECN 457, AECN 857, NREE 457, WATS 457

NREE 445 Agricultural and Natural Resource Policy Analysis

Crosslisted with: AECN 445

Prerequisites: ECON 311 and ECON 312

Notes: Capstone course. Familiarity with spreadsheets (Excel) required.

Description: Introduction to the application of economic concepts and tools to the analysis and evaluation of public policies. Economic approaches to policy evaluation derived from welfare economics. Social benefit-cost analysis described and illustrated through applications to current agricultural and natural resource policy issues.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

ACE: ACE 8 Civic/Ethics/Stewardship ACE 10 Integrated Product

NREE 456 Environmental Law

Crosslisted with: AECN 456, AECN 856

Prerequisites: Junior standing. AECN 357/NREE 357

Notes: Available through Online and Distance Education.

Description: Administrative law, risk assessment, environmental impact review, Clean Air Act, Clean Water Act, non-point pollution control, wetlands regulations pesticide and toxic substance regulation, solid and hazardous waste regulation, drinking water protection, land use regulation, energy policy, and international environmental law.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: PSI

NREE 457 Water Law

Crosslisted with: AECN 457, AECN 857, WATS 457

Prerequisites: AECN/NREE 357.

Description: Environmental impact review; public trust doctrine; endangered species; land use controls; wetlands regulation; surface and ground water rights; Indian and federal water rights; impact of water quality regulations on water allocation.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: PSI

NREE 465 Resource and Environmental Economics II

Crosslisted with: AECN 465, AECN 865, WATS 465

Prerequisites: MATH 104 and one course in statistics.

Description: Application of resource economics concepts and empirical tools to resource management problems. Public policy issues involving environmental quality, land and water management.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

Prerequisite for: AECN 868