

ENVIRONMENTAL & RESOURCE ECONOMICS (EREC)

Course numbers with the # symbol included (e.g. #400) have not been taught in the last 3 years.

EREC 411 - Environmental and Resource Economics Perspectives

Credits: 4

Microeconomic theory and analysis in resource management and use decisions. Survey of significant resource problems from an economic perspective and the application of economic analysis.

Attributes: Social Science (Discovery)

Equivalent(s): ECON 402, ECON 402A

Mutual Exclusion: No credit for students who have taken ECN 412, ECN 412W.

Grade Mode: Letter Grading

EREC 444 - The New Pirates of the Caribbean

Credits: 4

Inquiry into many facets of tourism from the standpoint of tourists and tour destination. Economic and institutional factors affecting human well-being from the use of land and water resources; discussions of distributional aspects of benefits from tourism activities.; environmental impacts; ownership patterns and uses; cultural attributes; and local economies in small Caribbean island nations. Cruise ships, time-shares, all-inclusive resorts, hurricanes, casinos, bars, rum, sex, and drugs are investigated through extensive readings and web surfing.

Attributes: World Cultures(Discovery); Inquiry (Discovery); Writing Intensive Course

Grade Mode: Letter Grading

EREC 525 - Statistical Methods and Applications

Credits: 4

Applications of elementary statistical concepts and methods including probability, descriptive techniques, statistical inference and bivariate and multivariate statistical analysis. Orientation is toward analysis and interpretation of data commonly encountered in social science disciplines.

Attributes: Quantitative Reasoning(Disc)

Mutual Exclusion: No credit for students who have taken ADM 430, ADMN 420, ADMN 510, BIOL 528, HHS 540, MATH 439, MATH 539, MATH 644, PSYC 402, PSYC 402H, SOC 402, SOC #402H, SOC 502, SOC 502H.

Grade Mode: Letter Grading

EREC 572 - Introduction to Natural Resource Economics

Credits: 4

Introduces theory, methods of analysis, and current literature of natural resource economics and policy. Topics include multiple use, taxation, optimal harvest scheduling, market failure, property rights, public goods, benefit-cost analysis, amenity values, non-market resource services and natural resource policy. Topics applied to forests and forestry, wildlife management, outdoor recreation, public lands, agriculture, fisheries, water, energy and mining/nonrenewable resources.

Grade Mode: Letter Grading

EREC 601 - Agribusiness Economics and Management

Credits: 4

Applications of economic and management principles in production, marketing, finance, and other operational decisions facing small agribusiness firms.

Prerequisite(s): EREC 411 with a minimum grade of D- or ECON 402 with a minimum grade of D-.

Grade Mode: Letter Grading

EREC 606 - Land Economics Perspectives: Uses, Policies, and Taxes

Credits: 4

Economic and institutional perspectives affecting human use of land resources; discussion of land ownership patterns and uses; land rent, location, and resource use; institutional constraints; partial ownership policies; and local planning for more efficient use of land. Real estate markets, transfers, valuation, and taxation.

Prerequisite(s): EREC 411 with a minimum grade of D-.

Equivalent(s): RECO 606

Grade Mode: Letter Grading

EREC 627 - Community Economics

Credits: 4

Economic factors affecting community and local government decisions. Emphasizes use of economic theory for decision making and community problem solving.

Prerequisite(s): EREC 411 with a minimum grade of D-.

Equivalent(s): CD 627, RECO 627

Grade Mode: Letter Grading

EREC 680 - Agricultural and Food Policy

Credits: 4

Analysis of issues that led to government involvement in the agricultural and food sector. Application of economic concepts and tools to the evaluation of public policies affecting agriculture and food.

Prerequisite(s): EREC 411 with a minimum grade of D- or ECON 402 with a minimum grade of D-.

Equivalent(s): EREC 704

Grade Mode: Letter Grading

EREC 708 - Environmental Economics

Credits: 4

Environmental pollution, the market economy, and optimal resource allocation; alternative control procedures; levels of environmental protection and public policy; property right issues.

Attributes: Writing Intensive Course

Prerequisite(s): ECON 605 with a minimum grade of D-.

Equivalent(s): RECO 708

Grade Mode: Letter Grading

EREC 756 - Rural and Regional Economic Development

Credits: 4

Concepts and methods of delineating regional economies, methods of measuring activity, regional development, and public policies. Emphasizes empirical research studies.

Attributes: Writing Intensive Course

Prerequisite(s): ECON 605 with a minimum grade of D-.

Equivalent(s): RECO 756

Grade Mode: Letter Grading

EREC #760 - Ecological-Economic Modeling for Decision Making**Credits:** 4

In this course, students will develop ecological-economic models and use them to inform economic decision making related to the management of natural resources. These models range from analytical models using algebra and calculus, to computational models using coding and simulations. The course will focus on spatial-dynamic computational bio-economic models because of their ability to capture economic decision making and ecological processes over time and space.

Prerequisite(s): ECON 605 with a minimum grade of D- and MATH 420 with a minimum grade of D-.

Grade Mode: Letter Grading

EREC 795 - Investigations**Credits:** 2-4

Special assignments in readings, investigations, or field problems. Topics may include agricultural marketing, agricultural production and farm management, community development, economics of human resources, economics of population and food, land economics, marine economics, rural economic development, regional economics, water economics, or teaching experience.

Repeat Rule: May be repeated up to unlimited times.

Equivalent(s): EREC 795W, RECO 795

Grade Mode: Letter Grading

EREC 795W - Investigations**Credits:** 2-4

Special assignments in readings, investigations, or field problems. Topics may include agricultural marketing, agricultural production and farm management, community development, economics of human resources, economics of population and food, land economics, marine economics, rural economic development, regional economics, water economics, or teaching experience.

Attributes: Writing Intensive Course

Repeat Rule: May be repeated up to unlimited times.

Equivalent(s): EREC 795, RECO 795

Grade Mode: Letter Grading

EREC 799 - Honors Senior Thesis**Credits:** 1-4

Honor/thesis students conduct an independent research project, relevant to the student's area of specialization in the major, under the direction of a faculty sponsor. Students submit a research proposal, write a final report, and provide an oral presentation. One or two semester sequence.

Attributes: Honors course; Writing Intensive Course

Repeat Rule: May be repeated for a maximum of 8 credits.

Equivalent(s): RECO 799

Grade Mode: Letter Grading