Agriculture + Resrce Econ-
AREC (AREC)

Courses

AREC 202 Agricultural and Resource Economics (GT-SS1) Credits: 3 (3-0-0)
Course Description: Introduction to decision-making by consumers, firms, and government and the resulting allocation of resources through markets.
Prerequisite: MATH 117, may be taken concurrently or MATH 118 or MATH 124 or MATH 125 or MATH 126 or MATH 141 or MATH 155 or MATH 159 or MATH 160.
Registration Information: Credit not allowed for both AREC 202 and ECON 202.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Social & Behavioral Sciences 3C, Economic or Political Systems (GT-SS1).

AREC 224 Introduction to Agribusiness Entrepreneurship Credit: 1 (0-0-1)
Course Description: Introductory exposure to entrepreneurship for agribusinesses through presentations by industry professionals.
Prerequisite: AREC 202, may be taken concurrently or ECON 202, may be taken concurrently.
Registration Information: Required field trips. Sections may be offered: Online.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: Yes.

AREC 240 Issues in Environmental Economics (GT-SS1) Credits: 3 (3-0-0)
Also Offered As: ECON 240.
Course Description: Discussion and economic analysis of current environmental issues with special emphasis on the impact of economic growth.
Prerequisite: None.
Registration Information: Credit not allowed for both AREC 240 and ECON 240.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.
Additional Information: Social & Behavioral Sciences 3C, Economic or Political Systems (GT-SS1).

AREC 305 Agricultural and Resource Enterprise Analysis Credits: 3 (2-2-0)
Course Description: Use of records in agricultural and resource enterprise management; analytical methods, budgets, and planning techniques for improved decision making.
Prerequisites: (CIS 120 or BUS 150 or CS 110) and (AREC 202 or ECON 202).
Registration Information: Must register for lecture and laboratory.
Terms Offered: Fall, Spring.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 310 Agricultural Marketing Credits: 3 (3-0-0)
Course Description: Market structure, behavior, and performance including futures market and market games theory.
Prerequisite: AREC 202 or ECON 202.
Registration Information: Sections may be offered: Online.
Terms Offered: Fall, Spring, Summer.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

AREC 311 Agricultural and Resource Product Marketing Credits: 3 (3-0-0)
Course Description: Theory and practice of marketing-differentiated agricultural products and natural resource amenities with focus on strategies and market trends.
Prerequisite: AREC 202 or ECON 202.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 315 Food Resource Product Marketing Credits: 3 (3-0-0)
Course Description: Theory and practice of marketing-differentiated agricultural products and natural resource amenities with focus on strategies and market trends.
Prerequisite: AREC 202 or ECON 202.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 318 Agribusiness Entrepreneurship Credits: 3 (3-0-0)
Course Description: Introduction to entrepreneurship for agribusinesses through presentations by industry professionals.
Prerequisite: AREC 202, may be taken concurrently or ECON 202, may be taken concurrently.
Registration Information: Required field trips. Sections may be offered: Online.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: Yes.

AREC 325 Personnel Management in Agriculture Credits: 3 (3-0-0)
Course Description: Human resource issues for agribusiness firms. Managing employees, legal issues, negotiation methods, and benefits packages. Workplace professionalism.
Prerequisite: AREC 202 or ECON 202.
Restriction: .
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 328 Small Agribusiness Management Credits: 3 (3-0-0)
Course Description: Apply business principles to small agribusinesses and cooperatives.
Prerequisite: AREC 202 or ECON 202.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 335 Introduction to Econometrics Credits: 3 (3-0-0)
Also Offered As: ECON 335.
Course Description: Estimating statistical regression models of economic relationships; treatment of special problems that may arise in analysis of economic data.
Prerequisites: (ECON 204) and (MATH 141 or MATH 155 or MATH 160) and (STAT 201 or STAT 204 or STAT 301 or STAT 307 or ERHS 307).
Registration Information: Credit not allowed for both AREC 335 and ECON 335.
Terms Offered: Fall, Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

AREC 340 Introduction: Economics of Natural Resources Credits: 3 (3-0-0)
Course Description: Concepts, theories, institutions; analytical methods for economic evaluation of alternative resource use patterns and land use plans.
Prerequisite: AREC 202 or ECON 202.
Registration Information: Credit not allowed for both AREC 340 and ECON 340. Sections may be offered: Online.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.
AREC 341  Environmental Economics  Credits: 3 (3-0-0)
**Course Description:** Economic theories and analytic frameworks are developed and applied to contemporary problems of the use and protection of the natural environment.
**Prerequisites:** (AREC 202 or ECON 202) and (AREC 240 or ECON 240).
**Term Offered:** Fall.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

AREC 342  Water Law, Policy, and Institutions  Credits: 3 (3-0-0)
**Course Description:** Legal water issues within the context of historical, social and economic development with emphasis on the southwestern United States.
**Prerequisite:** None.
**Term Offered:** Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

AREC 346  Economics of Outdoor Recreation  Credits: 3 (3-0-0)
Also Offered As: ECON 346.
**Course Description:** Benefit cost framework in public planning for outdoor recreation, pricing problems, projecting demand, and regional economic development.
**Prerequisite:** AREC 202 or ECON 202.
**Registration Information:** Credit not allowed for both AREC 346 and ECON 346.
**Term Offered:** Fall.
**Grade Modes:** S/U within Student Option, Trad within Student Option.
**Special Course Fee:** No.

AREC 375  Agricultural Law  Credits: 3 (3-0-0)
**Course Description:** Laws, regulations, case decisions affecting ranching and farming in the Rocky Mountain area.
**Prerequisite:** None.
**Restriction:** Must be a: Junior.
**Term Offered:** Fall.
**Grade Modes:** S/U within Student Option, Trad within Student Option.
**Special Course Fee:** No.

AREC 381  Introduction to Environmental Economics  Credits: 3 (3-0-0)
**Course Description:** Design and measurement of economic values and environmental policy; how the theory can be used to construct solutions to real-world problems.
**Prerequisites:** (AREC 202 or ECON 202) and (MATH 118 or MATH 124 or MATH 125 or MATH 141 or MATH 155 or MATH 160).
**Term Offered:** Fall.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

AREC 405  Agricultural Production Management  Credits: 3 (2-2-0)
**Course Description:** Economic principles of agricultural production decisions with linear programming analysis of production choices and farm planning.
**Prerequisite:** AREC 305.
**Registration Information:** Must register for lecture and laboratory.
**Term Offered:** Spring.
**Grade Modes:** S/U within Student Option, Trad within Student Option.
**Special Course Fee:** No.

AREC 408  Agricultural Finance  Credits: 3 (3-0-0)
**Course Description:** Monetary affairs of agribusiness and agricultural production emphasizing credit institutions and procurement, investment, and management.
**Prerequisite:** AREC 305.
**Term Offered:** Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

AREC 412  Agricultural Commodities Marketing  Credits: 3 (3-0-0)
**Course Description:** Agricultural marketing and agribusiness principles applied to current marketing problems relating to livestock and field and horticultural crops.
**Prerequisite:** AREC 310.
**Term Offered:** Fall.
**Grade Mode:** Traditional.
**Special Course Fee:** Yes.

AREC 415  International Agricultural Trade  Credits: 3 (3-0-0)
**Course Description:** Agricultural trade patterns and institutions; trade theory with applications to agriculture. Current issues in agricultural trade.
**Prerequisites:** AREC 310 and ECON 204.
**Term Offered:** Fall.
**Grade Modes:** S/U within Student Option, Trad within Student Option.
**Special Course Fee:** No.

AREC 428  Agricultural Business Management  Credits: 3 (3-0-0)
**Course Description:** Economic analysis, organization, and management practices of agriculture and food industries studied through simulation, case study, computer labs.
**Prerequisites:** AREC 305 and AREC 310.
**Terms Offered:** Fall, Spring.
**Grade Modes:** S/U within Student Option, Trad within Student Option.
**Special Course Fee:** No.

AREC 440  Advanced Environmental and Resource Economics  Credits: 3 (3-0-0)
**Course Description:** Microeconomic techniques to rigorously explore economic decision-making and policy as they apply to environmental and natural resource problems.
**Prerequisites:** (AREC 340 or ECON 340) and (AREC 341 and ECON 306).
**Term Offered:** Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.

AREC 442  Water Resource Economics  Credits: 3 (3-0-0)
**Course Description:** An in-depth exploration of the role of economics in water resource planning.
**Prerequisites:** AREC 342 and ECON 306, may be taken concurrently.
**Registration Information:** Credit not allowed for both AREC 442 and AREC 542.
**Term Offered:** Spring.
**Grade Mode:** Traditional.
**Special Course Fee:** No.
AREC 452 Real Estate Appraisal Principles Credits: 2 (2-0-0)  
Also Offered As: REL 452.  
Course Description: Theoretical principles that underlie real estate appraisal methods.  
Prerequisites: (AREC 202 or ECON 202) and (AREC 305 or REL 360).  
Registration Information: Credit not allowed for both AREC 452 and REL 452.  
Term Offered: Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.  

AREC 453 Real Estate Appraisal Practices Credits: 2 (2-0-0)  
Also Offered As: REL 453.  
Course Description: Procedures and practices used in real estate appraisal.  
Prerequisite: AREC 452, may be taken concurrently or REL 452.  
Registration Information: Credit not allowed for both AREC 453 and REL 453.  
Term Offered: Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.  

AREC 460 Ag- and Resource-Based Economic Development Credits: 3 (3-0-0)  
Course Description: Indicators, tools and approaches for agriculture- and natural resource-based economic development in resource dependent countries and communities.  
Prerequisite: ECON 306.  
Term Offered: Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.  

AREC 478 Agricultural Policy Credits: 3 (3-0-0)  
Course Description: Formulation and administration of public policies affecting agricultural industries and rural areas in the United States.  
Prerequisite: AREC 202 or ECON 202 or AREC 240 or ECON 240.  
Terms Offered: Fall, Spring.  
Grade Modes: S/U within Student Option, Trad within Student Option.  
Special Course Fee: No.  

AREC 480A1 Agriculture Trade Credits: 3 (0-0-3)  
Course Description: Current issues in agriculture trade, patterns of trade across developed and developing countries, trade laws, trading blocks and partners.  
Prerequisite: AREC 310.  
Term Offered: Fall.  
Grade Mode: Traditional.  
Special Course Fee: No.  

AREC 484 Supervised College Teaching Credits: Var[1-5]  
Course Description:  
Prerequisite: None.  
Registration Information: Maximum of 10 credits allowed in course. A maximum of 10 combined credits for all 384 and 484 courses are counted towards graduation requirements.  
Terms Offered: Fall, Spring.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

AREC 487 Internship Credits: Var[1-6]  
Course Description:  
Prerequisite: None.  
Registration Information: May be taken for a maximum of 6 credits.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

AREC 495 Independent Study Credits: Var[1-6]  
Course Description:  
Prerequisite: None.  
Registration Information: May be taken for a maximum of 6 credits.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

AREC 496 Group Study Credits: Var[1-18]  
Prerequisite: None.  
Terms Offered: Fall, Spring, Summer.  
Grade Mode: Instructor Option.  
Special Course Fee: No.  

AREC 505 Agricultural Production Economics Credits: 3 (3-0-0)  
Course Description: Empirical applications of production economic theory for use of imputs and allocation of resources in agricultural, natural resource sectors.  
Prerequisites: (MATH 141) and (AREC 405 or ECON 306).  
Term Offered: Fall.  
Grade Modes: S/U within Student Option, Trad within Student Option.  
Special Course Fee: No.  

AREC 506 Applied Microeconomic Theory Credits: 3 (3-0-0)  
Also Offered As: ECON 506.  
Course Description: Introduction to mathematical models in modern microeconomics, including choices and demand, production and supply, and market structures and failures.  
Prerequisite: ECON 306.  
Registration Information: Credit not allowed for both AREC 506 and ECON 506.  
Term Offered: Fall.  
Grade Mode: Traditional.  
Special Course Fee: No.  

AREC 507 Applied Welfare and Policy Analysis Credits: 3 (3-0-0)  
Course Description: How policies are crafted to effectively address social issues, especially for agriculture and the environment, and how they impact society.  
Prerequisite: ECON 306.  
Term Offered: Spring.  
Grade Mode: Traditional.  
Special Course Fee: No.  

AREC 508 Financial Management in Agriculture Credits: 2 (2-0-0)  
Course Description: Systematic approach to understanding and applying financial management in farm businesses.  
Prerequisites: (AREC 408 or FIN 305) and (ECON 306).  
Term Offered: Fall (odd years).  
Grade Mode: Traditional.  
Special Course Fee: No.
Agricultural Product Marketing Credits: 3 (3-0-0)
Course Description: Marketing techniques, industrial organization/competition for agricultural products in US domestic, international trade, and developing country markets.
Prerequisites: (AREC 310) and (AREC 335 or ECON 335).
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

Agricultural Price Analysis Credits: 3 (3-0-0)
Course Description: Agricultural commodity prices related to neoclassical economics; current literature emphasizing management problems.
Prerequisite: None.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

Applied Econometrics Credits: 3 (3-0-0)
Also Offered As: ECON 535.
Course Description: Econometric techniques applied to testing and quantification of theoretical economic relationships drawn from both microeconomics, macroeconomics.
Prerequisites: (AREC 335 or ECON 335) and (ECON 304 or ECON 306).
Registration Information: Credit not allowed for both AREC 535 and ECON 535.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

Environmental and Natural Resource Economics Credits: 3 (3-0-0)
Also Offered As: ECON 540.
Course Description: Theory, methods, and policy in environmental and natural resource economics.
Prerequisite: AREC 506 or ECON 506.
Registration Information: Credit not allowed for both AREC 540 and ECON 540.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

Environmental Economics Credits: 3 (3-0-0)
Also Offered As: ECON 541.
Course Description: Economics of environmental policy; partial equilibrium and general equilibrium model; pollution; natural environments; population and economic growth.
Prerequisite: ECON 306.
Registration Information: Credit not allowed for both AREC 541 and ECON 541.
Term Offered: Spring.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

Applied Advanced Water Resource Economics Credits: 3 (3-0-0)
Course Description: Theory and application of economics in water resource planning.
Prerequisites: (ECON 306 and AREC 342 and STAT 301) and (MATH 141 or MATH 155 or MATH 160).
Registration Information: Credit not allowed for both AREC 542 and AREC 442.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

Public Lands Planning and Management Credits: 3 (3-0-0)
Course Description: Principles and techniques used by federal land management agencies including Forest Service, Park Service, Fish and Wildlife Service, and BLM.
Prerequisite: AREC 202 or ECON 202.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

Regional Economics-Theory, Methods, and Issues Credits: 3 (3-0-0)
Also Offered As: ECON 563.
Course Description: Tools and methods of regional economics, including supply, demand, and externality analysis. Applications to current urban and regional policy issues.
Prerequisites: ECON 306 and ECON 501, may be taken concurrently.
Registration Information: Credit not allowed for both AREC 563 and ECON 563.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

Contemporary Issues in Developing Countries Credits: 3 (3-0-0)
Also Offered As: SOC 566.
Course Description: Social, economic, and technological factors in developing countries.
Prerequisite: None.
Registration Information: Credit not allowed for both AREC 566 and SOC 566.
Term Offered: Spring (odd years).
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

Methodology of Economic Research Credits: 3 (3-0-0)
Also Offered As: ECON 530.
Course Description: Philosophical foundations of science and research. Concepts and skills for planning, performing, reporting, and evaluating economic research.
Prerequisites: ECON 304 and ECON 306.
Registration Information: Credit not allowed for both AREC 570 and ECON 530.
Term Offered: Fall (even years).
Grade Mode: Traditional.
Special Course Fee: No.

Social Benefit Cost Analysis Credits: 3 (3-0-0)
Course Description: Theory, application of concepts relating to social benefit cost analysis of public projects, policies intended to promote social welfare, economic growth.
Prerequisite: ECON 306.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

Agricultural Production and Cost Analysis Credits: 2 (2-0-0)
Course Description: Empirical application and analysis of production and cost issues in the agricultural and natural resource sectors.
Prerequisites: (AREC 506) and (AREC 535 or ECON 535).
Restriction: Must be a: Graduate, Professional.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.
AREC 606  Microeconomic Analysis I  Credits: 3 (3-0-0)
Also Offered As: ECON 606.
Course Description: Advanced price/allocation theory: consumer/producer decisions; uncertainty; market structure; partial/general equilibrium; efficiency/welfare.
Prerequisites: ECON 306 and ECON 501.
Restriction: Must be a: Graduate, Professional.
Registration Information: Credit not allowed for both AREC 606 and ECON 606.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 610  Agricultural Marketing and Demand Analysis  Credits: 2 (2-0-0)
Course Description: Empirical application and analysis of agricultural marketing and demand issues in the agricultural and natural resource sectors.
Prerequisites: (AREC 506) and (AREC 535 or ECON 535).
Restriction: Must be a: Graduate, Professional.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 615  Optimization Methods for Applied Economics  Credits: 3 (3-0-0)
Course Description: Theory and practice of optimization techniques used in economic applications with emphasis on linear and nonlinear programming.
Prerequisite: AREC 506.
Restriction: Must be a: Graduate, Professional.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 635  Econometric Theory I  Credits: 3 (3-0-0)
Also Offered As: ECON 635.
Course Description: Theory of mathematical statistics and classical linear regression model in context of economic application.
Prerequisites: (AREC 535 or ECON 535) and (ECON 501, may be taken concurrently).
Restriction: Must be a: Graduate, Professional.
Registration Information: Credit not allowed for both AREC 635 and ECON 635.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

AREC 647  Land Use Economics and Spatial Modeling  Credits: 3 (3-0-0)
Course Description: Use of spatial data in economic analysis of land use focusing on development patterns, land conservation, spatial externalities and agricultural land.
Prerequisites: (AREC 506 or ECON 506) and (AREC 535 or ECON 535).
Restriction: Must be a: Graduate, Professional.
Term Offered: Fall (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

AREC 660  Development of Rural Resource-Based Economies  Credits: 3 (3-0-0)
Course Description: Economic literature-based exploration of human welfare measures and implications of approaches to agriculture and resource-based economic development.
Prerequisite: AREC 506.
Restriction: Must be a: Graduate, Professional.
Term Offered: Spring.
Grade Mode: Traditional.
Special Course Fee: No.

AREC 678  Agricultural and Resource Policy  Credits: 3 (3-0-0)
Course Description: Evaluate and analyze economic theory, applications and public incentives related to government policies for agriculture and natural resources.
Prerequisites: ECON 306 and MATH 141.
Restriction: Must be a: Graduate, Professional.
Term Offered: Fall.
Grade Modes: S/U within Student Option, Trad within Student Option.
Special Course Fee: No.

AREC 695  Independent Study  Credits: Var[1-6]
Course Description:
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

AREC 699  Thesis  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

AREC 705  Advanced Production and Technological Change  Credits: 2 (2-0-0)
Course Description: Production theory is applied to real-world issues including risk, innovation, and environment, through lectures and readings of current literature.
Prerequisite: AREC 605.
Restriction: Must be a: Graduate, Professional.
Term Offered: Spring (odd years).
Grade Mode: Traditional.
Special Course Fee: No.

AREC 706  Microeconomic Analysis II  Credits: 3 (3-0-0)
Also Offered As: ECON 706.
Course Description: Advanced topics in microtheory: game theory; market imperfections; adverse selection; principal-agent problems; social choice theory; incentives, etc.
Prerequisite: ECON 606.
Restriction: Must be a: Graduate, Professional.
Registration Information: Credit not allowed for both AREC 706 and ECON 706.
Term Offered: Fall.
Grade Mode: Traditional.
Special Course Fee: No.
AERC 710 Advanced Agricultural Marketing Issues Credits: 2 (2-0-0)

Course Description: Theoretical and modeling issues of consumer demand, market structure, product differentiation and market behavior.

Prerequisites: (ECON 706, may be taken concurrently) and (AERC 735 or ECON 735).

Restriction: Must be a: Graduate, Professional.

Term Offered: Spring (odd years).

Grade Mode: Traditional.

Special Course Fee: No.

AERC 735 Econometric Theory II Credits: 2 (2-0-0)

Also Offered As: ECON 735.

Course Description: Econometrics models and estimators in econometrics, from fully parametric to semiparametric and nonparametric approaches.

Prerequisite: AERC 635 or ECON 635.

Restriction: Must be a: Graduate, Professional.

Registration Information: Credit not allowed for both AERC 735 and ECON 735. This is a partial-semester course.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

AERC 736A Advanced Econometric Methods: Discrete Choice Models Credit: 1 (1-0-0)

Also Offered As: ECON 736A.

Course Description: Econometrics analysis of: Discrete Choice Models.

Prerequisite: AERC 735, may be taken concurrently or ECON 735, may be taken concurrently.

Restriction: Must be a: Graduate, Professional.

Registration Information: Credit not allowed for both AERC 736A-C and ECON 736A-C. This is a partial-semester course.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

AERC 736B Advanced Econometric Methods: Panel Data Models Credit: 1 (1-0-0)

Also Offered As: ECON 736B.

Course Description: Econometrics analysis of: Panel Data Models.

Prerequisite: AERC 735, may be taken concurrently or ECON 735, may be taken concurrently.

Restriction: Must be a: Graduate, Professional.

Registration Information: Credit not allowed for both AERC 736A-C and ECON 736A-C. This is a partial-semester course.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

AERC 736C Advanced Econometric Methods: Time Series Models Credit: 1 (1-0-0)

Also Offered As: ECON 736C.

Course Description: Econometrics analysis of: Time Series Models.

Prerequisite: AERC 735, may be taken concurrently or ECON 735, may be taken concurrently.

Restriction: Must be a: Graduate, Professional.

Registration Information: Credit not allowed for both AERC 736A-C and ECON 736A-C. This is a partial-semester course.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

AERC 740 Advanced Natural Resource Economics Credits: 3 (3-0-0)

Also Offered As: ECON 740.

Course Description: Advanced theory, methods, and literature in natural resource economics, including dynamic programming and optimal control.

Prerequisite: AREC 706 or ECON 706.

Restriction: Must be a: Graduate, Professional.

Registration Information: Credit not allowed for both AREC 740 and ECON 740.

Term Offered: Fall.

Grade Mode: Traditional.

Special Course Fee: No.

AERC 741 Advanced Environmental Economics Credits: 3 (3-0-0)

Also Offered As: ECON 741.

Course Description: Advanced theory, methods, and literature in environmental economics.

Prerequisite: AREC 706 or ECON 706.

Restriction: Must be a: Graduate, Professional.

Term Offered: Spring.

Grade Mode: Traditional.

Special Course Fee: No.

AERC 770 Advanced Methods in Applied Economics Credits: 3 (3-0-0)

Course Description: Advanced research methods in applied economics: lab and field experiments, non-market valuation and discrete choice experiments.

Prerequisites: (AREC 706, may be taken concurrently or ECON 706, may be taken concurrently) and (AREC 735 or ECON 735).

Restriction: Must be a: Graduate, Professional.

Term Offered: Fall (odd years).

Grade Mode: Traditional.

Special Course Fee: No.

AERC 784 Supervised College Teaching Credits: Var[1-3]

Course Description: 

Prerequisite: None.

Restriction: Must be a: Graduate, Professional.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Instructor Option.

Special Course Fee: No.

AERC 792A Seminar: Agricultural Credits: Var[1-18]

Course Description: 

Prerequisite: None.

Restriction: Must be a: Graduate, Professional.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Instructor Option.

Special Course Fee: No.

AERC 792B Seminar: International Credits: Var[1-18]

Course Description: 

Prerequisite: None.

Restriction: Must be a: Graduate, Professional.

Terms Offered: Fall, Spring, Summer.

Grade Mode: Instructor Option.

Special Course Fee: No.
AREC 792C  Seminar: Resources  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

AREC 795  Independent Study  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.

AREC 799  Dissertation  Credits: Var[1-18]
Course Description:
Prerequisite: None.
Restriction: Must be a: Graduate, Professional.
Terms Offered: Fall, Spring, Summer.
Grade Mode: Instructor Option.
Special Course Fee: No.