FOOD AND RESOURCE ECONOMICS

Course Search
Not all courses are offered every semester. Refer to the schedule of courses for each term’s specific offerings.
More Info

Courses

AEB 2014 Economic Issues, Food and You 3 Credits
The role of agriculture and economics: the how’s and why’s of their influence on food prices and the world food situation, the environment, natural resources and government policy; and economic issues, including inflation and money. (S)
Prereq: not for FRE majors
General Education - Social Science

AEB 2451 Economics of Resource Use 3 Credits
Introduces how economists value the environment and regulations designed to protect our natural resources from overuse and degradation. (S)
General Education - Social Science

AEB 3103 Principles of Food and Resource Economics 4 Credits
Introduces the field of food and resource economics, the principles of economics as applied to agriculture, and the economic problems of the agricultural industry and the individual farmer. (S)
Prereq: MAC 2233/2311 or higher
General Education - Social Science

AEB 3114L Introduction to Agricultural Computer Applications 1 Credit
Introduces computer application with specific emphasis on applications used in agricultural businesses. Specific applications include spreadsheets, databases, word processing and DOS.

AEB 3122 Financial Planning for Agribusiness 3 Credits
Introduces basic financial and managerial decision-making for small agribusinesses.

AEB 3133 Principles of Agribusiness Management 3 Credits
Introduces agribusiness management principles, application of economic principles, budgeting techniques, and principles of strategy in agribusiness from management in the United States, particularly Florida. Emphasizes the financial and tax management strategies and the requirements imposed on agribusiness management by local, state and federal government regulatory agencies.

AEB 3144 Introduction to Agricultural Finance 3 Credits
Basic financial statements, investment frameworks and theories of financial intermediation as applied to agricultural firms, along with an overview of financial institutions that provide capital to agriculture.
Prereq: AEB 3122 or ACG 2071

AEB 3281 Agricultural Macroeconomics 3 Credits
Introduces the world economy from a macroeconomic perspective that focuses on the links that arise from international trade and capital flows in the agricultural sector.
Prereq: ECO 2013

AEB 3300 Agricultural and Food Marketing 3 Credits
Examines agricultural and food marketing from a system and individual firm perspective. Explores problems and issues associated with marketing functions and institutions at the industry level and with objectives and strategies of farms and agribusiness firms that market agricultural commodities and food products.
Prereq: AEB 3103 or AEB 2014 or ECO 2023 or ECO 3103

AEB 3315 Futures Markets and Risk Management in Agriculture 3 Credits
Basic elements and principles of agricultural commodity marketing with emphasis on the futures industry. Includes use of futures markets for speculating and risk management for agriculture and finance. Participation in a computerized futures trading game is required.

AEB 3341 Selling Strategically 3 Credits
Introduces professional selling techniques for all products with special emphasis given to food and agricultural products, technical systems and services.

AEB 3450 Introduction to Natural Resource and Environmental Economics 3 Credits
Introduces natural and environmental resource economics. Emphasizes understanding economic concepts such as resource scarcity, market failure, externality, property rights and common property resources and their application to studies of forest, land, water, energy and coastal resources.
Prereq: AEB 3103 or ECO 2023

AEB 3510 Quantitative Methods in Food and Resource Economics 3 Credits
Develops understanding of finite mathematical tools used in economics and business decision making. Topics include linear equations, matrix algebra and calculus. Lectures and problems show how these tools are used to examine economic, financial and managerial problems.
Prereq: AEB 3103 or ECO 2023, and MAC 2233 or MAC 2311

AEB 3550 Agricultural Data Analysis in Food and Resource Economics 3 Credits
Introduces analysis of agricultural data. Incorporates statistical and agricultural economic theory into the analysis of agricultural problems. Knowledge in use of spreadsheets is assumed.
Prereq: AEB 3103 and AEB 3510 and STA 2023

AEB 3671 Comparative World Agriculture 3 Credits
Studies the business and economic situations of the food and agriculture sector around the world. Focuses on the historical development, the current situation and the future outlook of the food and agriculture sector. (N and S)
General Education - International
General Education - Social Science

AEB 3935 Food and Resource Economics Seminar 1 Credit
Introduces the Department of Food and Resource Economics and career opportunities for its graduates.

AEB 4085 Agricultural Risk Management and the Law 3 Credits
Develops an understanding of the basic concepts of common and statutory law. Identifies and addresses current legal issues of importance at the personal and professional levels. Develops an understanding of risk and the solutions for managing risk and relates the concepts of risk management and law in limiting exposure to legal liability.

AEB 4123 Agricultural and Natural Resource Law 3 Credits
Legal aspects of agricultural rights, responsibilities and problems. Topics include agricultural estate and income taxation, zoning and land use planning, Capper-Volstead Act, international agricultural agreements, agricultural labor and consumer protection.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
<th>Prereq</th>
</tr>
</thead>
<tbody>
<tr>
<td>AEB 4126</td>
<td>Agricultural and Natural Resource Ethics</td>
<td>3</td>
<td>Examines the political, economic, environmental and ethical value issues involved in agricultural practices and policies, including agricultural research. (H or S) (WR)</td>
<td>Junior or senior standing General Education - Humanities General Education - Social Science WR6</td>
</tr>
<tr>
<td>AEB 4138</td>
<td>Advanced Agribusiness Management</td>
<td>3</td>
<td>Integration of finance and management to solve problems faced by agricultural firms and agribusinesses. In addition to lectures, students will work in small groups to identify and to analyze case studies from agricultural and rural businesses. Prereq: AEB 3103 and AEB 3144</td>
<td></td>
</tr>
<tr>
<td>AEB 4242</td>
<td>International Trade Policy in Agriculture</td>
<td>3</td>
<td>Explores the role of international trade policy in agriculture and examines the effects of trade policies on domestic and international prices, consumption, production, trade and government revenues. Addresses impact of current trade issues on the agricultural sector. (S) Prereq: AEB 3103 or ECO 2023 General Education - Social Science</td>
<td></td>
</tr>
<tr>
<td>AEB 4282</td>
<td>International Humanitarian Assistance</td>
<td>3</td>
<td>Emergency assistance to developing countries to minimize losses and affect recovery. Includes legal/ethical bases; program designs promoting recovery, rather than dependence; cultural issues, including gender; and technical aspects. (N and S) General Education - International General Education - Social Science</td>
<td></td>
</tr>
<tr>
<td>AEB 4283</td>
<td>International Development Policy</td>
<td>3</td>
<td>Studies how factors such as poverty, population, technology, resources, trade and the environment affect man's effort to develop. The roles of the public and private sectors are discussed as well as the process of policy formulation and implementation. Emphasizes the agricultural sector and its role in process of economic development, especially in countries where problems of hunger, demographic pressure and poverty are pervasive. (S) Prereq: AEB 3103 or AEB 2014 or ECO 2013 or ECO 2023 General Education - Social Science</td>
<td></td>
</tr>
<tr>
<td>AEB 4306</td>
<td>Agricultural Marketing Strategies 2</td>
<td>3</td>
<td>The strategic process of formulating and implementing marketing strategies unique to the agriculture industry. Prereq: instructor permission</td>
<td></td>
</tr>
<tr>
<td>AEB 4309</td>
<td>Food Wholesaling and Retail Marketing</td>
<td>3</td>
<td>Food industry trends, issues and opportunities that exist in the U.S. and the world. Guest lecturers and recent trade publications provide students with a command of wholesaling and retail food management.</td>
<td></td>
</tr>
<tr>
<td>AEB 4325</td>
<td>Contemporary Issues in Agribusiness Management</td>
<td>3</td>
<td>A capstone course utilizing economic concepts to address the interaction between the political process that legislates domestic agricultural, environmental and international trade policy, micro and macro economic principles, private business decisions taken by firms in response to public policies, and ethical considerations in developing and implementing public policy. Coreq: AEB 4138 or AEB 4342</td>
<td></td>
</tr>
<tr>
<td>AEB 4334</td>
<td>Agricultural Price Analysis and Consumer Behavior</td>
<td>3</td>
<td>Quantitative measurement of factors affecting agricultural and resource prices; seasonal and cyclical fluctuations; index measures of price and quantity variables; theory and application of consumer behavior principles. Prereq: AEB 3103 and AEB 3550</td>
<td></td>
</tr>
<tr>
<td>AEB 4342</td>
<td>Agribusiness and Food Marketing Management</td>
<td>3</td>
<td>Application of marketing and management principles to agribusiness and food marketing problems faced by managers. Emphasis on case problems, group projects, oral presentations and written assignments. Prereq: AEB 3133</td>
<td></td>
</tr>
<tr>
<td>AEB 4343</td>
<td>International Agribusiness Marketing</td>
<td>3</td>
<td>Problems, issues, regulations, policies and procedures unique to the global agribusiness marketing of perishable and storable agricultural commodities and food products. Combines firm-level agribusiness marketing concepts with international agribusiness marketing and export management applications. (S) Prereq: AEB 3300 General Education - Social Science</td>
<td></td>
</tr>
<tr>
<td>AEB 4380</td>
<td>Agricultural Marketing Strategies</td>
<td>3</td>
<td>The decision-making activities necessary to launch a new agricultural product successfully. The marketing plan development for this course follows the guidelines of the National Agri-Marketing Association Marketing Competition. Prereq: instructor permission</td>
<td></td>
</tr>
<tr>
<td>AEB 4424</td>
<td>Human Resources Management in Agribusiness</td>
<td>3</td>
<td>Issues involved in the strategic and effective management of human resources in agribusiness. Human resource management concepts and techniques designed to improve agribusiness organizational teamwork, productivity, performance and enterprise success. Course explores the unique aspects of labor management and includes application through use of case problems, triad and video techniques.</td>
<td></td>
</tr>
<tr>
<td>AEB 4673</td>
<td>International Agricultural Trade</td>
<td>3</td>
<td>Examines the economic forces associated with trade in food and agricultural products between the U.S. and other countries. Applies economics principles and analytical techniques to international agricultural trade and multi-national markets. Prereq: AEB 3103 and AEB 3510</td>
<td></td>
</tr>
<tr>
<td>AEB 4900</td>
<td>Supervised Extension Experience in Food and Resource Economics</td>
<td>3</td>
<td>Firsthand, authentic extension experiences in agricultural and life sciences under faculty member supervision. Projects may involve program planning, development, implementation, and evaluation. (S-U)</td>
<td></td>
</tr>
<tr>
<td>AEB 4905</td>
<td>Individual Problems in Food and Resource Economics</td>
<td>1-3</td>
<td>Individual study in selected problem areas of interest to the student and agreeable to the instructor. Prereq: instructor permission</td>
<td></td>
</tr>
<tr>
<td>AEB 4911</td>
<td>Supervised Research in Food and Resource Economics</td>
<td>3</td>
<td>Firsthand, authentic research in food and resource economics under the supervision of a faculty member. Projects may involve inquiry, design, investigation, scholarship, discovery or application. (S-U)</td>
<td></td>
</tr>
</tbody>
</table>
AEB 4915 Honors Thesis Research in Food and Resource Economics 3 Credits
Independent research in food and resource economics leading to an honors thesis. Student will be mentored by a faculty member. Projects may involve inquiry, design, investigation, scholarship, discovery or application. (S-U)
Prereq: junior standing, upper division GPA of 3.75 or higher and completed honors thesis proposal on file

AEB 4931 Special Topics in Food and Resource Economics 1-3 Credits
Lectures, conferences or laboratory covering specially selected topics in food and resource economics.
Prereq: instructor permission

AEB 4941 Full-Time Practical Work Experience in Food and Resource Economics 1-3 Credits
Practical work must be a new experience and related to the field of study. (S-U)
Prereq: previous arrangement with advisor and undergraduate coordinator and dean permissions

AEB 4951 Survey of Agricultural Economics 1 Credit
Trains students to think on their feet with respect to topics in the agricultural economics discipline. While individual courses tend to focus on a particular set of skills, this course enhances the student's ability to access the range of skills they acquired in past courses.
Prereq: instructor permission

ALS 4932 Special Topics 1-3 Credits
Variable subjects provide content for the study of agricultural topics not offered in other courses.