FOOD, AGRICULTURAL AND RESOURCE ECONOMICS (FARE)

FARE*6100  The Methodologies of Economics  Winter Only  [0.50]  
Alternative views on the methodology of economics are reviewed and assessed. The process of problem identification in the development of a research project proposal is investigated.  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6130  Operations Management in the Agri-Food Sector  Winter Only  [0.50]  
This course introduces students to the main concepts for analysis in Agri-Food operations and supply chain management, with special attention given to quantitative techniques to support decision-making. The course also includes qualitative case analyses and discussions that build on key concepts of operations management.  
Offering(s): Offered through Distance Education format only.  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6140  Major Paper in Food, Agricultural and Resource Economics  Unspecified  [1.00]  
The major paper is an option only available to MFARE students registered in the course work master program. An original research project related to the specialization of choice in food, agricultural and resource economics will be undertaken. The project will include preparation of a written paper and an oral presentation of the findings to the faculty.  
Restriction(s): Restricted to students in the course-based MFARE program in FARE  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6380  Applied Microeconomics for Agricultural Economists  Fall Only  [0.50]  
The objective of this course is to foster a deeper understanding of standard microeconomic concepts and their application to a wide variety of topics in food, agricultural, and resource economics. Emphasis is placed on what tool(s) to use in a wide variety of circumstances to address real life problems. Topics will include decisions by firms and consumers, market equilibrium, and production decisions.  
Prerequisite(s): ECON*2770, ECON*3710, ECON*3740  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6400  Advanced Topics in Agricultural Economics  Unspecified  [0.50]  
The application of economic theory and various contemporary tools of economic analysis in solving production problems in the agricultural sector of the economy.  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6600  Food Security and the Economics of Agri-Food Systems in Developing Countries  Fall Only  [0.50]  
The aim of this course is to understand the nature of food security in developing countries and relations with the economic performance of the agri-food system. Towards this aim, the course focuses on both the agri-food system's role in the supply of nutritious food and its importance as a source of livelihood and as a driver of overall processes of economic development.  
Prerequisite(s): ECON*1050, ECON*1100  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6720  Readings in Agricultural Economics  Summer, Fall, and Winter  [0.50]  
A reading course on selected topics of special interest. May be offered to individual students or to groups of students in any semester.  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6800  Seminar in Agricultural Economics  Unspecified  [0.00]  
Students in the MSc and MFARE major research paper option program must give two presentations at the annual research symposium; one in their first year outlining their research plan, and one in their second year on their thesis research results or major research paper.  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6910  Applied Policy Analysis I  Winter Only  [0.50]  
An overview of domestic and international agri-food policies and an introduction to the concepts and methods used to evaluate domestic trade policies.  
Prerequisite(s): FARE*6380  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6920  Applied Policy Analysis II  Unspecified  [0.50]  
A presentation and evaluation of advanced quantitative agri-food policy models and selected special topics related to domestic and trade policy evaluation.  
Prerequisite(s): FARE*6910  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph  

FARE*6930  Food Firms, Consumers and Markets I  Markets I  Fall Only  [0.50]  
This course examines the application of microeconomic theory to food markets. Topics covered include: optimizing behaviour by economic agents, the certainty equivalent profit model and decision making under risk, optimal capital replacement models and their application to food system economics, consumer behaviour with respect to food products and behaviour with respect to food products and behaviour of marketing intermediaries and food processors. New developments in the economic theory of the form are surveyed.  
Prerequisite(s): ECON*2310, ECON*3740  
Department(s): Department of Food, Agricultural and Resource Economics  
Location(s): Guelph
FARE*6940 Food Firms, Consumers and Markets II Markets
II Unspecified [0.50]
This course builds on Food Firms, Consumers and Markets I by extending
the breadth and depth of student’s understanding and scope of economic
analysis. Advanced techniques in producer and consumer theory, as
well as advance market analysis techniques are presented and utilized.
Understanding of the research process and advanced methods is
emphasized throughout.
Prerequisite(s): FARE*6930
Equate(s): AGEC*6930
Department(s): Department of Food, Agricultural and Resource
Economics
Location(s): Guelph

FARE*6950 Natural Resource Economics I Winter Only [0.50]
Natural Resources I introduces conventional theoretical modeling
approaches to renewable resources, e.g. fisheries & forestry. Seminal
theoretical literature is discussed. Emphasis is placed on setting up
economic models, deriving and interpreting general results. Applied
methods include dynamic optimization and regression analysis.
Additional topics include Land Economics and the property rights
approach.
Prerequisite(s): FARE*6380
Department(s): Department of Food, Agricultural and Resource
Economics
Location(s): Guelph

FARE*6960 Natural Resource Economics II Unspecified [0.50]
Natural Resources II reviews & extends conventional theoretical modeling
approaches to renewable resources, e.g. fisheries & forestry. Seminal
literature is reviewed and contemp. theoretical work and empirical papers
discussed. Emphasis on extending economic models addressing natural
resource issues - uncertainty, externalities & policy instruments, and
derive reduced-form versions of forestry & fishery for empirical estim. &
analysis. Primary method of math analysis involves dyn. opt. techniques.
Detailed math derivations & proofs expected. Also- extinction, climate
change, carb sequest.
Prerequisite(s): FARE*6950
Equate(s): AGEC*6950
Department(s): Department of Food, Agricultural and Resource
Economics
Location(s): Guelph

FARE*6970 Applied Quantitative Methods for Agricultural Economists Fall Only [0.50]
This course exposes students to the empirical tools agricultural
economists use when conducting research. Emphasis is placed on
what tool(s) to use in a variety of circumstances. Topics covered will
include advanced econometric techniques, optimization and simulation
modelling. Students will also be exposed to the different quantitative
software packages used in empirical research.
Prerequisite(s): ECON*3740, ECON*2770
Department(s): Department of Food, Agricultural and Resource
Economics
Location(s): Guelph

FARE*6980 Agricultural Trade Relations Winter Only [0.50]
An examination of the institutional, theoretical and empirical aspects of
international agri-food trade.
Prerequisite(s): FARE*6380
Department(s): Department of Food, Agricultural and Resource
Economics
Location(s): Guelph