

# AGRIBUSINESS (AGRI)

## AGRI 20000 ECONOMIC PERSPECTIVES ON FOOD AND AGRICULTURE 3 Credit Hours

Introduction of the role of economics in agriculture at the firm, national, and international level. An overview of the structure and scope of the U.S. Food and Fiber Sector and its current trends and implications for the national economy. Students learn to apply various economic principles and concepts relating to production agriculture, business management, consumer behavior, market price analysis and equilibrium, international trade and public policy formation.

**Prerequisite:** None.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## AGRI 30000 FARM BUSINESS MANAGEMENT 3 Credit Hours

Develops an understanding of the various business management decisions involved in the organization and operation of a farm business operation for continuous profit and production cost efficiency. Students acquire knowledge and proficiency in applying the various economic principles and farm business management analysis concepts which aid a farm operator or owner in the decision making process for a farm business operation.

**Prerequisite:** ACTT 11000 and BMRT 11009.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## AGRI 31000 AGRIBUSINESS MANAGEMENT 3 Credit Hours

Intended for students interested in careers eventually leading to managerial positions in commodity production and marketing, input supply, banking, cooperatives and related agricultural industries. Focus is on the use of financial statements, operating and managerial functions, communication, and the inter-personal work environment within an organization. Presentation is by lecture integrated with experiential learning through use of student-team decision making applied to an agribusiness management simulation.

**Prerequisite:** ACTT 11000 and ACTT 11001 and BMRT 11009.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## AGRI 32000 FARM RECORDS ANALYSIS AND INCOME TAX MANAGEMENT 3 Credit Hours

Develop an understanding of the procedures involved with farm recordkeeping and illustrates the ways in which farm records can be used to evaluate and to improve the economic performance and profitability of a farm business. Students have the opportunity to gain an understanding of the current tax system. Students learn to apply the various tax management methods and strategies that can be used to maximize the after tax income to a farm business operation.

**Prerequisite:** AGRI 30000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## AGRI 33000 AGRICULTURAL COMMODITY MARKETING 3 Credit Hours

Covers the economic factors, socioeconomic trends, farm demographic changes, global competitiveness, and consumer attitudes that shape the current structure and operation of the U.S. agricultural marketing system. Includes how decisions at one level in the value chain impact all other levels and explores how and when the system changes as a result of individual decisions. Also focuses on quality-based marketing, contracting and provides a global perspective.

**Prerequisite:** AGRI 20000 and BMRT 11009.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## AGRI 34000 LIVESTOCK PRODUCTION MANAGEMENT 3 Credit Hours

An introduction to the livestock industry and its role in society and our economy. Principles of livestock production management are introduced for beef, swine, dairy cattle, horses, sheep, goats and poultry.

**Prerequisite:** AGRI 31000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## AGRI 35000 CROP AND FORAGE PRODUCTION MANAGEMENT 3 Credit Hours

Deals with crop plants in relation to the environment, crop improvement, seeds, and seeding. The practice of tillage, fertilizer, rotation, cropping, and weed control is covered. Pastureland and farmland, the harvest of field crops, and the handling and marking of grain seeds and hay are also included, as well as crops of the grass family, perennial forage grasses, the legume family and miscellaneous crops.

**Prerequisite:** AGRI 30000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## AGRI 40000 ADVANCED FARM BUSINESS MANAGEMENT 3 Credit Hours

Application of economics and business principles to the management of a Farm Business. Use of analytical tools such as enterprise budgeting, linear programming, pro-forma cash flow budgeting, capital budgeting, and risk management analysis to aid the decision-making process. Understanding of farm transfer and succession planning and its importance in the intergenerational viability of a farm business.

**Prerequisite:** AGRI 30000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

## AGRI 40092 AGRIBUSINESS INTERNSHIP (ELR) 3 Credit Hours

Provides students an internship work experience in the agribusiness industry. The internship may be completed in any one of the following areas of agribusiness: sales management, agriculture lending, insurance, cooperative management, commodity merchandising, farm business management, public relations, farm marketing, agricultural policy, dairy production or farm business operations.

**Prerequisite:** Agribusiness major; junior or senior standing; and special approval.

**Schedule Type:** Practical Experience

**Contact Hours:** 9 other

**Grade Mode:** Standard Letter

**Attributes:** Experiential Learning Requirement

**AGRI 41000 AGRICULTURAL PRICE ANALYSIS 3 Credit Hours**

The economics of supply and demand provide a foundation for understanding the behavior of agricultural markets, the formation of prices, and the role of prices in the allocation of goods and services. Traditional topics include: aggregate demand & supply determination, price equilibrium, elasticities in the commodity market, equilibrium displacement models, derived demand of food products, quantitative analysis of food marketing channels, regression analysis and spatial concepts in agriculture.

**Prerequisite:** AGRI 20000, ECON 22061.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**AGRI 42000 AGRICULTURAL FINANCE 3 Credit Hours**

To develop an understanding and proficiency in applying the various economic principles and concepts of financial management for analyzing alternative investment decisions and solving financial problems in a farm business operation. Various strategies for acquiring and financing capital resources in the farm business operation are explored. Characteristics of the financial institutions providing credit to farmers and their particular lending programs are studied.

**Prerequisite:** AGRI 30000 and MATH 11010.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**AGRI 43000 AGRICULTURAL ENVIRONMENTAL LAW 3 Credit Hours**

To acquaint students with the fundamentals of state and federal pollution control law. Major topics include: air pollution control, water pollution control, toxic substance control, solid waste management and disposal, Superfund, wetlands, endangered species, land use regulation, environmental assessment, environmental law administration and enforcement and global environmental law.

**Prerequisite:** AGRI 30000 and BMRT 21000.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**AGRI 44000 AGRICULTURAL AND INTERNATIONAL TRADE POLICY 3 Credit Hours**

History, development, programs, and analysis of public policy issues in agriculture and natural resources. Analysis of science, economic, and political factors involved in policy development. Emphasis on farm policy and farm structure; food and nutrition; trade and development; and natural resources, the environment, and bioenergy, with special attention to issues and policies impacting Ohio and the United States.

**Prerequisite:** AGRI 20000 and ECON 22061.

**Schedule Type:** Lecture

**Contact Hours:** 3 lecture

**Grade Mode:** Standard Letter

**AGRI 45000 SENIOR SEMINAR (WIC) 3 Credit Hours**

Capstone course designed to expose Agribusiness majors to current events and the interpretation of those events in an economics framework for use in management decision making. Students are introduced to the scientific method and complete a senior research project.

**Prerequisite:** Agribusiness (AGRI) major; and senior standing.

**Schedule Type:** Seminar

**Contact Hours:** 3 other

**Grade Mode:** Standard Letter

**Attributes:** Writing Intensive Course