

## 78. Agribusiness

### Quantitative Analysis (3)

Prerequisite: ELM requirement met. Functional relationships, marginal analysis and decision-making models in agribusiness; logic and probability in diagnosing problems, designing operations and achieving objectives; identification of procedures for efficient resource utilization.

## 170. Advanced Agribusiness Applications (3)

Prerequisites: AGEC 110, 120, 130, 150, 160; upper-division writing skills requirement. Research methods applied to agricultural business; problem definition and solution formulation; data collection and analysis using statistics and other techniques. Culminating activities may include research proposal, feasibility study, project review, business plan, strategic management, case study; written reports and oral presentations.

## Special Topics (AGEC)

### 80. Undergraduate Research (1-4; max total 4)

Prerequisites: AGEC 1 and permission of instructor. Directed study or research on particular problems in the field of agricultural economics and business. Consult department policies and procedures governing undergraduate research. Approved for *SP* grading.

### 85T. Topics in Agricultural Business (1-3; max total 6)

Agricultural economics, farm management, agribusiness management, financial planning, agricultural development, public policy, product marketing, and decision analysis. Topics may require lab hours.

### 180. Undergraduate Research (1-4; max total 4)

Prerequisites: senior standing, upper-division writing skills requirement, permission of instructor. Directed study or research on particular problems in the field of agricultural economics and business. Consult department policies and procedures governing undergraduate research. Approved for *SP* grading.

### 185T. Topics in Agricultural Business (1-3; max total 9)

Prerequisite: AGEC 1. Agricultural economics, farm management, agribusiness management, financial planning, agricultural development, public policy, product marketing, and decision analysis. Topics may require lab hours.

## Industry Relations (AGEC)

### 192. Agricultural Business Field Studies (2)

Prerequisite: AGEC 1. Business and economic functions performed by specialized agricultural agencies with emphasis on physical operating patterns. Field trips to production, marketing, and finance firms. Workshops with agribusiness managers. (1 lecture, 2 lab hours) (Field trip fee, up to \$75)

### 194. Agribusiness Internship (1-3; max total 6)

Prerequisites: junior standing. Emphasis on development of decision-making ability through industrial experience integrated with basic principles acquired in the classroom. Only 3 units of internship allowable in the major. *CR/NC* grading only.

## GRADUATE COURSES

(See *Course Numbering System and Eligibility*.)

## Agricultural Business (AGBS)

### 200. Seminar in Agricultural Business (1; max total 4)

Prerequisite: permission of instructor. Review of literature related to current agricultural business problems and issues; examination of economic and management models and techniques; written reports, oral presentations, and seminar discussions.

### 210. Agribusiness Industry Analysis (3)

Prerequisite: classified standing or permission of instructor. Analysis of characteristics unique to agricultural institutions; practices in financing, producing, and marketing food and fiber products; integration of economic principles with management techniques for optimum decision-making under risk and uncertainty; crop/livestock enterprise budgeting; policy environment impact on agriculture.

### 220. Food Processing and Distribution Management (3)

Prerequisite: AGBS 210. Classified standing or permission of instructor. Analysis of strategic management decisions involving pricing relationships, processing and packaging systems, supply channel management, transportation modes and distribution logistics for agricultural products in domestic and global markets; applications to food industry case problems including international food marketing firms. (Formerly AGBS 225)

## 240. International Trade and Agricultural (3)

Analysis of global markets and national trade policies; economic principles underlying free trade and World Trade Organization; regional integration for growth/development; protectionism/preferences impact on capital investment flows, firm productivity, and industry competitiveness; domestic farm programs, international commodity agreements, and agricultural trade distortions.

### 250. Agricultural Policy Analysis (3)

Classified standing or permission of instructor. Examination of policy-making processes; evaluation of government farm and food programs; determination of industry responses and firm adjustments to changing market structures and government policies; urbanization and other land, air, water resource issues impacting agriculture; geopolitics and agricultural trade policy.

### 260. Commodity and Food Market Analysis (3)

Prerequisite: AGBS 210. Classified standing or permission of instructor. Economic and institutional relationships in food and fiber markets; commodity futures trading and risk management; derived demand by agribusiness for raw commodities; food industry marketing margins and market price determination; distribution and merchandising strategies; spatial and inter-temporal price equilibrium models.

### 280T. Topics in Agricultural Business (3; max total 6)

Prerequisite: AGBS 210. Classified standing or permission of instructor. Fields of study include: farm management, agribusiness management, financial planning, international agriculture, public policy, and product marketing.

### 290. Independent Study (1-3; max total 6)

See *Academic Placement — Independent Study*. Approved for *SP* grading.

## IN-SERVICE COURSE

(See *Course Numbering System*.)

## Agriculture (AGRI)

### 300. Topics in Agriculture (1-3; max total 6)

Topics may require lab hours. In-service professional training in selected areas of agriculture.