AGRICULTURAL ECONOMICS

General education courses are marked with stars (*).

1003 Introduction to Agricultural Business (3) F Nature and scope of agribusiness; application of management and marketing concepts to selected agribusiness problems; exploring agribusiness management as a profession.

★ 2003 Introduction to Agricultural Economics (3) F,S Role of agriculture in the general economy; economic principles applied to agricultural production, marketing, consumption, and policy problems.

3003 Economic Analysis in Agricultural Business (3) F Prereq.: AGEC 2003 or equivalent; MATH 1431; 2 hrs. lecture; 2 hrs. lab. Applications of graphical, mathematical, and statistical methods to trend analysis and forecasting in agriculture; data collection; statistical analysis of crop and livestock production data; concepts in supply and demand theory; analysis of structural problems and market behavior; structural analysis applied to problems in the production and marketing of food and agricultural products.

3213 Agribusiness Commodity and Food Products Marketing (3) S Prereq.: AGEC 2003 or equivalent. An overview of the agricultural commodity and food marketing system; marketing, management, and economic principles are applied to the formulation and implementation of marketing plans for agricultural commodities and branded food products; futures market trading principles.

3303 Farm Management (3) F,O Prereq.: AGEC 2003 or equivalent. Fundamental economic and business principles applied to a farm business; comprehensive and integrated treatment of management concepts for successful operation of a farm business.

3413 Agricultural Business Management Decisions (3) F Prereq.: AGEC 1003. Identification of typical decisions of agricultural business firms; development of concepts, procedures, and analyses that facilitate planning, organizing, directing, coordinating, and controlling functions within agricultural business firms.

3503 Natural Resource Economics (3) S Prereq.: AGEC 2003 or equivalent. Economic rationale for collective, public action in allocation of natural resources in agriculture; emphasis on economic efficiency, property rights, resource use, legal concepts, institutions, and project evaluation.

3700 Internship (1-3) Prereq.: AGEC 2003 or equivalent and approval of department head. May be taken for a max. of 6 sem. hrs. of credit. Supervised career-oriented experience with a business or organization in the food and fiber system.

3803 Agricultural Law (3) F,O Principles of law and their application to agricultural business firms and institutions; legal processes and relationships relevant to agriculture; Louisiana Civil Code and statutes; federal law, including bankruptcy code; analysis and review of cases, documents, and processes.

4203 Intermediate Food and Fiber Products Marketing (3) F Prereq.: AGEC 3003 or equivalent. Industrial organization analysis applied to the food and fiber system; emphasis on structural problems and their control by competition, antitrust, and government.

4213 Economics of Milk Marketing Systems (3) S,O Prereq.: AGEC 2003 or equivalent. Analysis of the milk production and marketing system; market channels, characteristics, institutions, and government regulations in pricing and marketing milk.

4233 Agricultural Price Analysis (3) S Prereq.: AGEC 2003 or equivalent and EXST 2201. Economic processes of price discovery and price determination in agricultural input and output markets; emphasis on methods of price analysis and their application to decision processes; analysis of cyclical, trend, and seasonal movements in prices.

4403 Agricultural Finance (3) S Prereq.: AGEC 2003 or equivalent. Capital acquisition and use in the agricultural sector; cost and availability of credit; emphasis on financial management concepts for managing growth, leverage, liquidity, risk, and capital investment in agricultural business.

4413 Agricultural Business Planning, Management, and Policy (3) S Prereq.: senior standing. Integration of management, marketing, and financial concepts for successful planning and implementation of agricultural business decisions; feasibility analysis, marketing policy, personnel policy, marketing mix, pricing decisions, market segmentation, marketing strategy, and financial policy.

4443 Farm and Rural Land Appraisal (3) F,E Prereq.: AGEC 2003 or equivalent. Not for graduate AGEC degree credit. Theory, methods, and procedures of real estate appraisal applied to rural property; trends in rural real estate values; factors influencing rural real estate values; approaches used in rural real estate valuation.

4503 Rural Resource and Community Development (3) S,E Prereq.: AGEC 2003 or equivalent. Characteristics of developed and undeveloped rural areas; analysis of economic and related problems and potential for development; public policy issues concerning rural development.

4603 Agricultural Policy (3) F Prereq.: AGEC 2003 or equivalent. Role of agriculture in the national economy; how agricultural policy decisions affect the general public; emphasis on economic impacts of policies on producers and consumers of agricultural products; effects of other nations’ policies on American agriculture.

4613 Agricultural Trade (3) S,O Prereq.: AGEC 2003 or equivalent. Structure, trade, and practices in exporting and importing regions and nations; policies of major agricultural trading nations and institutions; aid, development relationships, and current development trade policy.

4700 Problems in Agricultural Economics (1-3) Prereq.: approval of department head. May be taken for a max. of 6 sem. hrs. of credit when topics vary. Independent study under the direction of a faculty member or faculty committee.

7013 Advanced Statistical Methods in Agriculture (3) S Prereq.: AGEC 7803 or concurrent registration. Application of advanced statistical tools to problems in agricultural economics; emphasis on the general linear model, including diagnostics, applications, and interpretation.

7113 Agribusiness Research Applications (3) F Introduction to and overview of agribusiness research strategies; design of agribusiness research projects; preparation for data collection; collection of evidence; analysis of evidence; composition of research reports, applications to agribusiness market analysis, agribusiness planning and management, and agribusiness forecasting.

7123 Operations Research Methods in Agricultural Economics (3) F Application of operations research methods to economic problems in agricultural production, marketing, and resource use; linear and nonlinear programming; integer programming; network analysis; dynamic programming; queuing; simulation.

7203 Advanced Agricultural Marketing Theory (3) F,O Prereq.: ECON 7700 or concurrent enrollment. Basic and applied analytical procedures in marketing research emphasizing quantitative methods; firm theory applied to marketing.

7303 Agricultural Production Economics (3) S,O Prereq.: ECON 7700 or concurrent enrollment. Production principles applied to use of agricultural resources; analysis and interpretation of research data; theory of the farm firm, including costs, uncertainty, and expectations.

7503 Natural Resource Economics (3) F,E Prereq.: ECON 7700 or concurrent enrollment. Economic concepts and institutional factors relating to utilization of natural resources; emphasis on conservation, property rights, resource policy, resource valuation.

7504 Advanced Agricultural Economics (3) S,O Prereq.: ECON 7700 or concurrent enrollment. International economic trade theory; emphasis on objectives, procedures, accomplishments, and consequences of policy on agriculture and rural areas.

7613 International Agricultural Trade (3) S,O Prereq.: ECON 7700 or concurrent enrollment. International economic trade theory; special reference to trade in agricultural products.

7623 Rural Development Economics (3) F,O Prereq.: ECON 7610. Theoretical concepts in international and domestic rural development; empirical methods used in analysis of economic structure and growth; modeling public policy issues concerning international and domestic rural development.

7700 Internship in Agribusiness Administration (3) F,S,Su Prereq.: prior approval of student’s graduate committee. Open only to agricultural economics master’s students. May be taken for a max. of 3 hrs. credit; 300 hrs. of learning experience. General supervision by a faculty member; direct supervision by an agribusiness professional. Pass/fail grading based on a written evaluation by the professional supervisor, a written report by the student, and the faculty member’s evaluation.

7703 Independent Study (1-3) F,S,Su Prereq.: graduate committee approval prior to enrollment. May be taken for a max. of 6 sem. hrs. when topics vary. Independent study of relevant subject matter areas in agricultural economics.

7710 Advanced Topics in Agricultural Economics (1-3) F,S,Su Prereq.: consent of instructor. May be taken for a max. of 6 hrs. credit when topics vary. New and specialized topics in agricultural economics.

7803 Agricultural Economic Applications (3) S Prereq.: ECON 7700. Applications of economic theory to issues in agricultural production, consumption of agricultural goods, and natural resource management.
8000 Thesis Research (1-12 per sem.) “S”/“U” grading.

9000 Dissertation Research (1-12 per sem.) “S”/“U” grading.