

AGRICULTURAL ECONOMICS AND EDUCATION

100. Intermediate Agricultural Economics (3)

Prerequisite: Ag Ec 1. Microeconomic theory of agricultural production in factor-product, factor-factor, product-product decisions; production costs and economies of size; consumer choice theory; price and output determination under imperfectly competitive markets; marginal productivity theory and the derived demand for agribusiness inputs.

FARM MANAGEMENT (Ag Ec)

110. Farm Management (4)

Prerequisite: Ag Ec 1. Production economics principles and budgeting analysis tools for efficient farm planning, organization and administration; economic impacts of crop and animal husbandry practices, yield and price variations, financing and taxation; optimization of land, labor, machinery, and water utilization levels and scheduling. (2 lecture, 4 lab hours) (Former Ag Ec 112)

114. Advanced Farm Management (3)

Prerequisite: Ag Ec 110. Design, computerization, and analysis of profit maximizing, cost minimizing, and multi-period linear programming models; data and information requirements for decision making; selection of optimum level and mix of crop and livestock enterprises; individual student development of farm management plans. (Former Ag Ec 174)

117. Agricultural Labor-Management Relations (3)

Prerequisite: Ag Ec 1. Economic analysis of the farm labor market; labor productivity, agricultural mechanization and farm employment; farm labor laws and government regulations; agricultural labor relations, unionization, and collective bargaining; farm personnel administration practices and supervisory management principles. (Former Ag Ec 125 and 165)

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AGRIBUSINESS MANAGEMENT (Ag Ec)

120. Agribusiness Management (3)

Prerequisite: Ag Ec 1, 71. Organizational forms and management functions of agribusiness firms: human resource management systems; management science principles for optimizing plant location, equipment replacement, inventory control, and sales volume; operations research techniques, including probability-based network and decision models, for solving agribusiness problems. (Former Ag Ec 167)

122. Agricultural Cooperative Management (3)

Prerequisite: Ag Ec 120. Philosophical, historical, and legislative evolution of U.S. agricultural cooperatives; uniqueness of cooperative organization, planning, direction, and control functions vis-a-vis standard corporations; legal, financial, and tax considerations in managing input-supply and marketing cooperatives; case studies and field trips to cooperatives. (Former Ag Ec 185T section)

128. Agricultural Law (3)

Prerequisite: B A 18. Legislative laws, administrative regulations and judicial decisions affecting agriculture; nature and disposition of lawsuits; torts covering trespass, negligence, liability for farm livestock and chemicals; surface and mineral property rights; water law; farm labor law; taxation of farm income and estates. (Former Ag Ec 185T section)

FINANCIAL PLANNING (Ag Ec)

30. Farm Accounting (3)

Prerequisite: Ag Ec 1. Basic concepts and principles of financial accounting systems applied to farm operations; mechanics of recording single and double entry transactions under cash and accrual accounting methods; preparation and analysis of enterprise records and financial statements to generate management information. (2 lecture, 3 lab hours) (Former Ag Ec 111 and 151)