

Agricultural Sciences and Technology (AST)**197. Clinic Project (3; max total 6)**

Prerequisite: permission from clinic project adviser. Student team works with faculty adviser and develops client liaison on client identified problem. Projects are pre-selected. Team will develop a solution to the client's problem, provide a written report, and make a group presentation.

GRADUATE COURSES

(See *Course Numbering System and Eligibility*.)

Agricultural Business (Ag Bs)**200. Seminar in Agricultural Business (1; max total 4)**

Prerequisite: permission of instructor. Written and oral reports concerning recent literature on current problems and issues related to agricultural business.

210. Farm Management Analysis (3)

Prerequisite: classified standing or permission of instructor. Integration of production economics theory with management science techniques to develop farm management plans; analysis of farm management decisions under uncertainty using programming models, statistical analysis, and other operations research methods.

225. Food Processing and Distribution Management (3)

Prerequisite: classified standing or permission of instructor. Analysis of strategic management decisions involving pricing relationships, processing and packaging systems, transportation modes and distribution logistics for agricultural products in domestic and global markets; application of modern management tools to food industry case problems including operations of international food marketing firms.

240. Agricultural Sector Planning (3)

Prerequisite: Ag Ec 130 or Fin 120, Ag Bs 250. Economic policies, incentive structures, and resource constraints affecting agricultural development; rural development theories, growth models and sector strategies for increasing farm productivity; design, implementation, and evaluation of technical assistance programs; economic and financial appraisal of public and private investment projects.

250. Agricultural Policy Analysis (3)

Prerequisite: classified standing or permission of instructor. Exploration of policy-making processes; evaluation of government farm and food programs; determination of industry responses and firm adjustments to changing market structures and public policies; investigation of agricultural sector problems, issues, and linkages with the national and international economies.

260. Agricultural**Marketing Analysis (3)**

Prerequisite: classified standing or permission of instructor. Examination of demand and supply functions underlying market price determination; review of farm-retail marketing margins; analysis of spatial and intertemporal price equilibrium models; application of econometric techniques to empirical cases; preparation of marketing studies; development of distribution/merchandising strategies.

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

Prerequisite: upper-division agricultural economics courses appropriate to the topic. Fields of study include: farm management, agribusiness management, financial planning, agricultural development, public policy, and product marketing.

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

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

298. Project (3-6; max total 6)

Prerequisite: prior advancement to candidacy; see *Criteria for Thesis and Project*. Management audit of an operating agricultural business firm, replicated feasibility study, computer model, system simulation or similar professional problem-solving activity with extensive written documentation. Public presentation of proposal and seminar, plus final oral defense required. Approved for *SP* grading.

299. Thesis (3-6; max total 6)

Prerequisite: prior advancement to candidacy; see *Criteria for Thesis and Project*. Preparation, completion, and submission of an acceptable thesis for the master's degree. 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.