

AGRICULTURAL ECONOMICS DEPARTMENT

Professors: Gunn (Chairman), Glim

Associate Professor: Hagen

Part-time: Axtell

The farmer, rancher, and agribusiness manager of today are becoming more profit-minded, science-guided, risk-conditioned, self-directed, and management- and market-oriented. The Department of Agricultural Economics offers programs of study in, *but not limited to*, agricultural business, farm management, and agricultural economics within the framework of the agricultural business major. Students may prepare for positions in agricultural marketing, farm management, and the management of businesses related to agriculture.

Students majoring in agricultural business may follow various educational routes in pursuing their areas of interest (plant science, animal science, mechanized agriculture, food science, enology, and other specialized fields), or they may prepare for a career as professional agricultural economist.

Programs of Study: The department provides competent advisers for students pursuing career objectives in, *but not limited to*, the following areas:

<i>Career Objective</i>	<i>Suggested Major</i>
Farm management: animal science, plant science	Agricultural business
Agricultural economics	Agricultural business or agricultural science
Agribusiness management	Agricultural business
Production economics: animal science, plant science	Agricultural business
Agricultural law	Agricultural business or agricultural science
Agricultural marketing	Agricultural business
Agricultural sales: animal science, plant science	Agricultural business
Agricultural sales: mechanized agriculture, food science, agricultural chemicals, animal pharmaceuticals	Agricultural business or agricultural science

Suggested Courses: The following core of courses is recommended for all students majoring in agricultural business: Ag Ec 41, 112, 167, 170, 172, 179; B A 18, 62A or B; electives from B A 115, 118, or 119; Acct 3. Students planning for graduate study in this area are encouraged to select additional electives in economic theory, statistics, and mathematics.

Courses

Note: Active immunization against tetanus (available through the Student Health Service) is a prerequisite for registration in any laboratory course in agriculture and for any student employment on the College Farm.

AGRICULTURAL ECONOMICS (Ag Ec)

31. Agricultural Economics (3) (Former Ag 31)

Not open to students with credit in Econ 1A or B. Agricultural and nonagricultural economic development; nature of production, marketing, and consumption of food; basic tools of economic analysis.

41. Agricultural Business Statistics (3)

Prerequisite: Math 29 or equivalent. Measures of central tendencies and dispersion, time series analysis, index numbers, seasonal variation, data collection and presentation, introduction to probability theory, and discrete and continuous probability distributions.