

Agricultural Economics

management training programs with agricultural business firms and support institutions. The department awards internships on a competitive basis and grants academic credit in the major for this supervised experience (AGEC 194).

- **University Agricultural Laboratory Project.** Students gain farming experience through participation in the faculty supervised, student project program and concurrent enrollment in an Enterprise Management course (PLANT, ASCI, ENOL 196). Such a course is highly recommended and can be used in the major.
- **Solutions Program Team Project.** Students earn academic credit (SC 197) through experiential learning. The team is faculty advised and charged with solving a problem or exploiting an opportunity faced by a real world client. Clients are private businesses or public agencies that have partnered with the College of Agricultural Sciences and Technology.
- **National Agri-Marketing Association (NAMA)** student chapter offers professional contacts with industry leaders, an annual scholarship, and involvement in the annual national marketing competition for academic credit (AGEC 168).

Faculty

John R. Shields, *Interim Chair*
 Patrick T. Berends Dwight D. Minami
 Ellen I. Burnes Dennis L. Nef
 James C. Casey Carl L. Pherson
 James H. Cothorn David K. Smith
 John W. Hagen R. Lynn Williams
 Herbert O. Mason

Faculty members are broadly trained with advanced degrees from top ranked universities across the nation, and are highly experienced as teachers, consultants, and researchers. They bring practical insight to the classroom by being professionally active in service to California farms and agribusinesses, industry organizations, government agencies, and professional associations. Forming a strong advisee/adviser relationship with any one of the faculty can help you match your career goals with appropriate coursework.

Bachelor of Science Degree Requirements

Agricultural Business Major Units
Major requirements..... 60

Agricultural Foundation..... (9)

(Select three courses from the below areas. No more than 3 units allowed in the Ag Business area. No more than 6 units may be taken in any of the remaining areas. Courses listed are suggested introductory level courses; however, other area related courses are acceptable.)

Ag Business: AGECE 5
 Animal Sci: ASCI 1
 Food Sci/Nutr: FSC 1, NUTR 54
 Mech Ag: MEAG 3 or 20
 Plant Sci: CRSC 1, PLANT 1, OH 1, or PLTH 1
 Soil/Water: SW 1 or SW 2
 Vit/Enol: FRSC 1, ENOL 15

Business Management

Base (18)

AGEC 2 or ECON 50
 AGECE 28 or B A 18
 AGECE 31 or ACCT 4A
 AGECE 32 or ACCT 4B
 AGECE 71 or DS 73
 or MATH 11
 AGECE 76 or IS 50

Agricultural Economics

Core (21)

AGEC 100, 110, 120, 130, 150, 160, 170

Career Specialty (12)

A required concentration of approved courses (including a minimum of 9 upper-division units in agricultural economics) is selected to match the student's career goal in consultation with the student's assigned faculty adviser. (See major program of study advising check sheet for course listings by concentrations in various disciplines.)

Additional requirements 1-2

Agricultural Business majors must take the following courses, which also satisfy General Education requirements amounting to 12 units plus 1-2 excess units beyond the normal 3 unit General

Education requirements in Foundation (Area B4: MATH 75) and Breadth (Area B1: CHEM 3A).

FOUNDATION

Area B4: DS 71 or MATH 75

BREADTH

Area B1: CHEM 3A
 Area B2: BIOL 10, BOT 10, or ZOOL 10
 Area D3: AGECE 1

General Education requirements..... 51

(Includes 12 upper-division units, to be taken no sooner than the term in which 60 units of coursework are completed.)

Electives and remaining degree requirements 15-16

Upper-division writing skills by exam or writing course (PLANT 110W, IS 105W, ECON 102W recommended).

Courses supplementary to the major are strongly recommended.

Total units 128

Advising Notes

1. New students should request the *Advising Information* brochure that includes a program-of-study check sheet and explanatory notes about requirements for the major.
2. All students are assigned a faculty adviser. Consult the department bulletin board for the current listing. Make an appointment each semester to review your academic record and to schedule remaining courses in order to graduate in a timely manner.
3. Prospective transfer students should consult with a community college academic adviser about their program of study to determine which California State University, Fresno AGECE courses are articulated as equivalent for lower-division credit. Transfer students may also consult *ASSIST*, the statewide articulations database, at www.assist.org.
4. Credits earned for articulated community college courses do not count toward upper-division units in the major.
5. Students intending to pursue graduate study in agricultural economics or agribusiness should include approved courses in intermediate macroeconomic theory, differential and integral calculus, inferential statistics, and linear regression in their bachelor's degree program.