Agricultural Economics

Faculty

David K. Smith, *Chair*
Herbert O. Mason,
Director Center for Agricultural Business
James H. Cothern
John W. Hagen
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Carl L. Pherson
John R. Shields
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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*

General Education 52
(including 9 upper-division units, to be taken no sooner than the term in which 60 units of coursework are completed)
CORE
Category 3: Ag Ec 71 (required)
BREADTH
Division 1: Chem 3A (required)
Division 2: Biol 10, Bot 10, or Zool 10 (required)
Division 3: Plant 105 or Psych 10 (recommended)
Division 4: Nutr 53 or CFS 38 (recommended)
Division 8: Ag Ec 1 (required)
CAPSTONE
Agriculture and Government Policy Cluster (recommended): Ag Ec 150 and Phil 125 or Pl Si 150

Major 60
(including 20 upper-division units)
Agricultural Science Foundation ..... (12)
(In addition to the Ag Ec requirement, select one course from three of the five remaining areas.)
Ag Ec: Ag Ec 2 (required)
A Sci: A Sci 1
FSc/Nutr/Enol: FSc 50, Nutr 54, or Enol 15
Me Ag: Me Ag 1 or 20
Plant Sci: Cr Sc 1, VTF 1, OH 1, or PLT H 1
SW: SW 1 or SW 2
Business Management Base ..... (15)
Ag Ec 28 or B A 18
Ag Ec 31 or Acct 4A
Ag Ec 32 or Acct 4B
Ag Ec 76 or IS 50
Ag Ec 78 or DS 71
Agricultural Economics Core ..... (21)
Ag Ec 100, 110, 120, 130, 160, 170, 3 unit upper-division Ag Ec course
Career Specialty ..... (12)
A required concentration of approved courses (including a minimum of 6 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 check sheet for course listings by concentrations in various disciplines.)

Additional requirement 0-4
Upper-division writing skills by exam or writing course (Plant 110W, IS 105W recommended)

Electives 12-16
Courses supplementary to the major are strongly recommended.

Total requirements 128
(including 40 upper-division units)

Advising Notes

1. New students should request the Advising Information brochure that includes a program of study check sheet from the department.
2. All students should acquire and read the department's Agricultural Advising Handbook before they make an appointment with their assigned academic adviser prior to registration each semester.
3. Community college transfer students should consult their academic adviser to determine which California State University, Fresno Ag Ec courses are articulated for credit as equivalent to their community college courses.
4. Credits earned for articulated community college courses do not count toward the minimum requirements of 20 upper-division units in the major and 40 upper-division units for the degree.
5. The General Education CORE course required of agricultural business students in Category 3 should be satisfied during the first year in residence at California State University, Fresno.
6. The General Education BREADTH courses required of agricultural business students within Divisions 1, 2, and 8 should be completed by the end of the first semester of the sophomore year.
7. The General Education CAPSTONE cluster courses recommended for agricultural business students are Ag Ec 150 and Phil 125 or Pl Si 150, both of which are to be taken no sooner than the term in which 60 units are completed. The Agriculture and Government Policy CAPSTONE choice would appropriately be taken during the senior year. Students electing a different cluster to satisfy the CAPSTONE requirement are advised to take Ag Ec 150 in the agricultural economics core.
8. Students planning to earn a Master of Science degree in Agricultural Business at this university should include approved courses in inferential statistics, linear regression, quantitative analysis, and organizational behavior in their bachelor's degree program.
9. Students intending to pursue graduate study in agricultural economics at another institution should include approved courses in intermediate macroeconomic theory, differential and integral calculus, inferential statistics, and linear regression in their bachelor's degree program.
10. A dual major of agricultural business with animal sciences, food and nutritional sciences, or plant science must have 36 mutually exclusive units (including a minimum of 18 upper division). A dual major requires the