

AGRICULTURE DIVISION

BACHELOR OF SCIENCE DEGREE IN AGRICULTURE

The bachelor of science degree in agriculture is granted upon completion of a four-year curriculum consisting of 128 semester units selected from one of the major programs. The general requirements for the bachelor of science degree must be completed (see *Degrees and Credentials*). The required agricultural courses for majors along with other requirements, are listed in departments as follows: *Agricultural Mechanics Department*—agribusiness, agricultural mechanics; *Animal Science Department*—agribusiness, animal husbandry, dairy science, poultry husbandry; *Plant Science Department*—agribusiness, agricultural inspection and services, agronomy, horticulture, ornamental horticulture, viticulture and enology. Requirements for the general agriculture major are listed below.

BACHELOR OF SCIENCE DEGREE IN AGRICULTURAL ENGINEERING

The bachelor of science degree in agricultural engineering requires 132 units (see *Engineering Department*) and the completion of the general requirements for the bachelor of science degree (see *Degrees and Credentials*). The required agriculture courses follow a selected pattern approved by the head of the Agriculture Division.

BACHELOR OF SCIENCE DEGREE IN AGRIBUSINESS

The bachelor of science degree with a major in agribusiness is granted upon completion of a four-year curriculum consisting of 128 semester units selected from one of the agribusiness major options in the *Agricultural Mechanics*, *Animal Science*, or *Plant Science Departments*, or the *Business Division*. The general education and general requirements for the bachelor of science degree must be completed (see *Degrees and Credentials*).

The agribusiness curriculum prepares students in agriculture and business for positions in operations involved in the manufacture of supplies needed on the farm, production operations on the farm, and the storage, distribution, and merchandizing of agricultural commodities.

TECHNICAL AGRICULTURE

Any student who has graduated from high school may make application for admission to the technical agriculture program. Admission to this program is dependent upon a reasonable score on the entrance examination (as determined by appropriate college officials) and approval of the head of the Agriculture Division. Technical agriculture programs stress technical and practical training appropriate to the San Joaquin Valley and include maximum laboratory use of the college farm. Students may take production programs in fattening of livestock, growing of crops, and management of breeding herds, flocks, vineyards, and orchards and are employed so far as possible to assist with the operation of the college farm.

Students qualify for the three-year technical agriculture certificate upon completion of the required general education and related courses and one of the technical majors in the *Agricultural Mechanics*, *Animal Science*, or *Plant Science Departments*, with additional selected production courses to make a total of 84 units. Approved nonagriculture courses open to restricted technical students: Math 27, 28; Bus Ad 27; Off Ad 1; Engl A, 1, 6; Spch 21; Sp Corr 1X; Hist. 1, 10; Pol Sc 11; Biol 1A, 1B; H Ed 90, 91; PE 10-50 (activities); Mus 1 (activities); Psych 7; other specified courses required in the program.

Technical agriculture students enroll in regular agriculture courses with special arrangements to meet their needs. Students admitted to the technical agriculture program who wish to transfer to the degree program may petition the Admissions Committee for such transfer after completing two semesters at Fresno State College with a C average or better.