

## **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 (pages 64 and 70) must be completed. The required agricultural courses for majors, along with other requirements, are listed in departments as follows: Agricultural Mechanics Department—agricultural mechanics program (page 88); Animal Science Department—animal husbandry, dairy husbandry, dairy industry, poultry husbandry (page 91); Plant Science Department—agricultural inspection, crop production, enology, horticulture, ornamental horticulture, viticulture (page 98). Requirements for the general agriculture major and the credential major and minor are listed below.

### **BACHELOR OF SCIENCE DEGREE IN AGRICULTURAL ENGINEERING**

The bachelor of science degree in agricultural engineering requires 132 units (see Engineering Department, page 259) and the completion of the general requirements for the bachelor of science degree (page 70). The required agriculture courses follow a selected pattern approved by the head of the Agriculture Division.

### **TECHNICAL AGRICULTURE**

Any student who has graduated from high school may be admitted to the technical agriculture program upon special application and approval of the head of the Agriculture Division. These 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 (pages 88, 92, 99) with additional selected production courses to make a total of 84 units.

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.

### **MINOR**

A minor in agriculture is available to degree students in other departments and may be selected from one of the 12 specialized agriculture fields. The minor consists of 20 units of which six are upper division. For requirements for credential minor, see page 85.

### **GENERAL SECONDARY CREDENTIAL**

The general secondary credential authorizes the holder to teach in the secondary schools and in grades seven and eight in elementary schools, with the exception of classes organized under the provisions of the Federal and State Vocational Educational Acts where special credentials in specific vocational subjects are required.

For general and professional requirements, see page 150. Candidates for the general secondary credential with a teaching major in general agriculture must submit an application for admission to the credential program (page 146); submit verification of three years of farm experience or equivalent; and complete a bachelor's degree in agriculture including 60 semester units in agriculture subjects included in the following credential major, of which 12 units must be upper division.