

AGRICULTURAL MECHANICS DEPARTMENT

(In the Agriculture Division)

Principal Vocational Instructor: C. Jensen (Chairman)
 Intermediate Vocational Instructor: DeTar, Keck

The Agricultural Mechanics Department offers majors in agribusiness and agricultural mechanics for students who wish to qualify for positions in such fields as farm equipment sales and service, farm structures, rural electrification, teaching vocational agriculture, and farming. Students are trained in the selection, operation, construction, maintenance, and repair of equipment and structures used in modern agriculture.

The *agribusiness major* with an option in agricultural mechanics prepares students for positions in areas such as farm machinery and equipment sales; appraising for insurance companies and banks; management, credit, accounting and other office work; and general farming.

The Agricultural Mechanics Building and the Farm Machinery Center located adjacent to it provide excellent laboratory facilities. The production of hay, cotton, corn, grain crops, grapes, and fruit provides excellent opportunities for a study of farm machinery equipment under varied conditions. The entire College Farm is used as a working laboratory.

Students majoring in *agricultural engineering* enroll under the *Engineering Division*. A minimum of 23 units in agricultural mechanics and agriculture is included in the program.

MAJOR REQUIREMENTS

Agribusiness (Agricultural Mechanics Option)	Units
<i>BS Degree Major:</i> AgM 15, 17, 18A, 25, 81, 91, 111, 115A-B, 151A-B, 158, 159; Ag 1, 31, 112, 136, 146, 182 or 184; Acct 1A-B; Mkt 100; Bus Ad 102, 110, 118A-B, 133, 151; business elective (3 u.d.)	74

Agricultural Mechanics

<i>BS Degree Major:</i> AgM 15, 17, 18A-B, 25, 81, 91, 111, 115A-B, 121, 151A-B, 158, 159; Ag 1, 136, 146, 151	42
<i>Technical Certificate:</i> AgM 15, 17, 18A-B, 25, 81, 91, 111, 115A-B, 121; Ag 1, 31, 40, 146, 151; AgM elective (2 un)	33

Additional Requirements—BS Degree

In addition to major requirements, degree students (except agribusiness) must complete the following courses: Physics 2A-B; animal science and/or plant science electives (6 un); IA 74; Econ 1A; Biol 1A or B; Math B, C. Agribusiness majors take Biol 1A or B, Physics 2A-B, Econ 1A-B, Math B, C. A total of 128 semester units including general education is required for the bachelor of science degree.

Additional Requirements—Technical Certificate

Technical students must complete in addition to the major requirements, the following courses: Bus Ad 27; animal science and/or plant science electives (10 un); Hist 10, Pol Sc 11; Biol 1A or B; PE (4 semesters); H Ed 90 or 91; Engl 1; Spch 21. A total of 84 semester units is required for the technical certificate.

SUGGESTED SEQUENCE OF COURSES FOR BACHELOR OF SCIENCE DEGREE

In addition to the specific courses listed below, general education requirements and electives should be included to bring total to 15-17 units per semester. A total of 128 units must be completed for the bachelor of science degree. (See *Degrees and Credentials*.)