

Animal Sciences and Agricultural Education

Bachelor of Science Degree Requirements

Agricultural Education Major

Options: Agricultural Communications,
Teacher Preparation

	<i>Units</i>
Major requirements	54-60
Select <i>Teacher Preparation</i> or <i>Agricultural Communications</i>	
Teacher Preparation Core	(39)
<i>Agricultural Economics</i> (6)	
AGBS 31, 120	
<i>Animal Science</i>	(9)
ASCI 1, 11; select one of the following: ASCI 21, 31, 41, 61, 91	
<i>Natural Resources and Forestry</i> (3)	
CRSC 105	
<i>Ornamental Horticulture</i> (3)	
OH 1	
<i>Plant Science</i>	(9)
CRSC 1; SW 100 or SW 100N; HORT 110	
<i>Mechanized Agriculture</i> (9)	
MEAG 1, 50, 114	
Teacher Preparation Career Specialty	(15)
Select one: Agricultural Business, Animal Science, Mechanized Agriculture, or Plant Science (see <i>Teacher Preparation Option check sheet available in the department office.</i>)	
Agricultural Communications Core	(45)
<i>Agricultural Economics</i> (3)	
Select 3 units from: AGBS 28, 31, 117, 120, 150	
<i>Agricultural Education</i> (6)	
AGED 66, 166	
<i>Animal Science</i>	(9)
ASCI 1	
Select 6 units from: ASCI 11, 21, 31, 35, 41, 51, 61, 81, 91	
<i>Food Science and Nutrition</i> (3)	
Select 3 units from: ASCI 71, ENOL 15	
<i>Mass Communication and Journalism</i>	(9)
MCJ 1, 10, 172 or 173	
<i>Mechanized Agriculture</i> (3)	
Select 3 units from: MEAG 1, 20, 50	
<i>Plant Science</i>	(9)
Select 9 units from: CRSC 1; OH 1; HORT 1, 110; VIT 1	

Soil and Water..... (3)

Select 3 units from: SW 2,
100, 100N

Agricultural Communica- tions Career Specialty

(15)
Select one: Advertising, Broad-
cast Journalism, Digital Media,
Electronic Media Production,
Photo Journalism, Print Jour-
nalism, Public Relations (see
*Agricultural Communications
Option check sheet available in
the department office.*)

Additional requirements

1-10
Agricultural education majors must
take the following courses, which also
satisfy General Education require-
ments. These courses amount to 12
units of the 51 unit G.E. requirement,
plus 1 excess unit beyond the 3 unit
requirement in BREADTH Area B1.
BREADTH

Area B1: CHEM 3A

Area B2: BIOL 10, 11, or 12

Area D3: AGBS 1

Area E1: ASCI 67

Teacher Preparation Option

Teacher Education require-
ments: AGED 50 or EHD

50; AGED 135, 150

General Education requirements.....

51
(including 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

5-8
Upper-division writing require-
ment by exam or writing course
(see advising note 5 following
animal science major)

Courses supplementary to the
major are strongly recommended.

Total minimum requirements.....

120

Advising Notes

1. See *Advising Notes 1-6* following animal sciences major.
2. Teacher preparation majors seeking the Agriculture Specialist Credential must also take AGED 187 and AGED 189.
3. Contact the Kremen School of Education and Human Development for admission and program requirements for the Single Subject Credential.
4. Agriculture courses titled *Tours* or *Lectures* may be used to satisfy upper-division unit requirements but may not be counted to satisfy agricultural education core or specialized field requirements in the major.
5. Candidates for the Agriculture Specialist Credential must possess 3,000 hours or two years of occupational experience in agriculture. (For details, consult the agricultural

- education credentialing coordinator.)
6. Agricultural communications students must pass the Department Qualification Examination (DQE). The DQE is a screening examination administered by the Mass Communication and Journalism Department. It must be passed before permission is given for enrollment in MCJ 10 and other writing and editing courses. Contact the Mass Communications and Journalism Department for DQE information, requirements, and testing dates.

Approved Subject Matter Preparation Program

Completion of the Bachelor of Science degree in Agricultural Education meets the requirements of the Approved Subject Matter Preparation Program. The Single Subject Credential authorizes the holder to teach *general agriculture* in grades 7-12. Students with a B.S. in another agricultural major may obtain a Single Subject Credential by completing the remaining coursework required for the B.S. in Agricultural Education.

Credential candidates must pass examinations in reading, writing, and mathematics in addition to other numerous state of California and California State University, Fresno requirements. Consult the agricultural education major adviser and the Kremen School of Education and Human Development for details.

Agricultural Specialist Credential Program

The Agricultural Specialist Credential, which authorizes holders to teach secondary school vocational agriculture, is offered jointly by Jordan College of Agricultural Sciences and Technology and the Kremen School of Education and Human Development. It requires completion of the Single Subject Waiver Program (see above), professional education courses (see *Education — Single Subject Credential — Program Requirements, Professional Preparation*), and an approved fifth-year program of 30 postgraduate units including AGED 135, 150, 187, 189; EHD 155B; CI 161; and AGRI 280, 281.

Animal Sciences Minor

This program is designed for students in other majors who desire instruction in the various disciplines of animal science. Students may design a minor with an animal science adviser to best satisfy their interests.