

Additional Requirements: Each student is required to complete certain courses in biological and physical sciences, mathematics, and related subject matter. Consult departmental adviser.

AGRICULTURAL SCIENCE MAJOR FOR THE BS DEGREE

The Agricultural Science major, with its flexible design, will afford the student an opportunity to acquire the necessary background for a wide variety of career objectives in agricultural industry and professional or graduate study.

Option I provides an opportunity for the students to pursue careers in, but not limited to, dairy industry, food science, enology, animal science, dairy science, poultry science, plant science, agronomy, horticulture, ornamental horticulture, viticulture, or mechanized agriculture.

Option II provides the necessary background in mathematics, chemistry, physics, and modern concepts of biology in preparation for professional or graduate study, including veterinary medicine.

	<i>Units</i>
General education (may include additional requirements)	40
Special course requirements (US History, Constitution, physical education)	(10)
Major: Option I (including 20 units upper division)	45
Select one course in four of the following six disciplines (12 units):	
Animal science, plant science, food science, soil science, mechanized agriculture, agricultural economics.	
Approved electives in agricultural sciences or related disciplines (33 units)	60
Major: Option II (including 20 units upper division)	60
Approved electives in agricultural sciences or related disciplines (30 units)	
Approved electives in biological and physical sciences, mathematics through elementary analysis (calculus) (30 units)	
Electives and additional requirements	18-43

(At least 40 units upper division) 128

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AGRICULTURAL EDUCATION MAJOR FOR THE BS DEGREE

The Agricultural Education major is designed to assist students who wish to pursue a teaching credential. The program provides students with the opportunity to become qualified to teach in the broad field of vocational agriculture. They may become especially prepared to teach in agricultural production, mechanized agriculture, and areas of both plant and animal sciences as well as food science. Moreover this program will help prepare the graduate for a wide spectrum of career opportunities in the industry of agriculture. Within the major the student may pursue areas of concentration such as animal husbandry, agronomy, general agriculture, mechanized agriculture, dairy science, horticulture, viticulture, enology, food science, and agricultural inspection and services.

	<i>Units</i>
General education (may include additional requirements)	40
Special course requirements (US History, Constitution, physical education)	(10)
Major (including 20 units upper division)	49
Electives in: animal science (15 units), plant science (15 units), soil science (3 units), mechanized agriculture (10 units), agricultural economics (6 units)	
Electives and additional requirements	29-39

(At least 40 units upper division) 128

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