

AGRICULTURAL EDUCATION MINOR

Offered at: San Luis Obispo Campus

The Agricultural Education minor addresses subject matter competency requirements for the Single Subject-Agriculture and the Agriculture Specialist teaching credentials. Students must obtain prior program approval from the Single Subject Content Advisor for Agriculture Education in selecting approved electives courses. This is based on the student's prior agricultural background and the completion of major-specific courses. Students are encouraged to express interest in this minor early in the academic program in order to get proper advisement relative to all requirements for teaching in the public schools.

Teaching Credential

Students can declare their candidacy for teaching while pursuing the undergraduate degree. The minor in Agricultural Education should be declared early during the student's academic career to ensure requirements for obtaining certification to teach are met. Early field experiences are a part of the minor and are required for entrance into the credential program. Another precondition is gaining experience in the agriculture sector with either 2000 hours gained after high school graduation or 1500 hours prior to high school graduation plus another 1500 post high school graduation, for a total of 3000 hours.

Teacher candidates are required to enroll in post-baccalaureate work to obtain the Single Subject in Agriculture and Agricultural Specialist credentials. Candidates must complete a minimum of 30 units of post-baccalaureate coursework. The Single Subject Content Advisor in Agricultural Education can provide more information. It is to the advantage of the post-baccalaureate teaching candidates to be simultaneously enrolled in the Master of Agricultural Education degree program.

Program Learning Objectives

1. Explore theories and practice strategies necessary for the development of leadership in youth populations enrolled in school-based agricultural education programs.
2. Design curriculum and strategies for the implementation of student work-based learning projects in school-based agricultural education programs.
3. Define and meet requirements for admissions to teacher credentialing programs.
4. Apply appropriate technology for effective teaching in school-based agricultural education learning spaces.
5. Develop foundational technical agricultural and agricultural science content knowledge aligned with specific subject matter requirements.

Minor Requirements and Curriculum

The minor must be completed prior to, or at the same time as, the requirements for the bachelor's degree. A major and a minor may not be taken in the same degree program, and a minor is not required for a degree. Requirements for the minor include:

- At least half of the units must be from upper-division courses (3000-4000 level).
- At least half of the units must be taken at Cal Poly (in residence).
- No more than one-third of the units will be taken with credit-no credit grading (CR/NC), not counting courses with mandatory CR/NC. Departments may further limit CR/NC grading if desired.
- A minimum 2.0 GPA is required in all units counted for completion of the minor.

Code	Title	Units
REQUIRED COURSES		
AGED 3303	Agricultural Youth Leadership Development	3
AGED 3350	Early Field Experience in Agriculture Education	1
AGED 4410	Computer Applications in Agricultural Education	1
Select from the following:		3-4
BIO 1111	General Biology	
BIO 1114	Plant Diversity and Ecology	
BIO 1151	Life: Molecules and Cells	
HLTH 1150	Healthy Living in the Modern World	3
Approved Electives		
Select from the following:		6
AG 4452	Leadership Seminar on Issues Affecting California Agriculture, Food Systems, and Natural Resources	
or AGC 4452	Current Trends and Issues in Agricultural Communication	
or NR 3308	Fire and Society	
AGB 2214	Agribusiness Financial Accounting	

AGB 3301 or WVIT 3343	Food Marketing Branded Wine Marketing
AGC 3314	California Fairgrounds and Expositions
AGC 3318	Fairgrounds and Facility Management
ASCI 1101 or ASCI 1112	Principles of Animal Physiology Principles of Animal Science
ASCI 1102	Animal Management Systems
ASCI 1103	Animal Science Laboratory
ASCI 2231	Swine and Poultry Management
BRAE 1141	Agricultural Machinery Safety
BRAE 3340 or BRAE 3348	Irrigation Water Management Energy for a Sustainable Society
DSCI 2230	General Dairy Husbandry
DSCI 3330	Dairy Cattle Reproductive Management and Artificial Insemination
IME 1142	Materials Joining
PLSC 1120 & 1120L	Principles of Plant Sciences and Principles of Plant Sciences Lab
SS 1120	Introductory Soil Science

Total Units
17