

BS AGRICULTURAL BUSINESS

Program Learning Objectives

1. Exhibit critical thinking and complex problem-solving skills leading to lifelong learning.
2. Demonstrate strong interpersonal and teamwork skills, as well as the ability to work independently.
3. Develop technical competency while learning to think in a broader global context.
4. Act with professionalism, high ethical standards, and respect for diversity and sustainability.
5. Possess oral and written communication skills that are effective with diverse audiences (employers, employees, industry, and government).
6. Industry-ready with skills and knowledge that employers value.

Degree Requirements and Curriculum

In addition to the program requirements listed on this page, students must also satisfy requirements outlined in more detail in the Minimum Requirements for Graduation (<http://catalog.calpoly.edu/generalrequirementsbachelorsdegree/#generaleducationtext>) section of this catalog, including:

- 60 units of upper-division courses
- Graduation Writing Requirement (GWR)
- 2.0 GPA
- U.S. Cultural Pluralism (USCP)

Note: Up to 4 units of credit/no credit grading may be selected for Major or Support courses.

MAJOR COURSES

AGB 101	Introduction to Agribusiness	4
AGB 202	Introduction to Sales	4
AGB 212	Agricultural Economics	4
AGB 214	Agribusiness Financial Accounting	4
AGB 260	Agribusiness Data Literacy	4
AGB 301	Food and Fiber Marketing	4
AGB 308	Introduction to Agribusiness Finance	4
AGB 312	Agricultural Policy	4
AGB 313	Agriculture Economic Analysis	4
AGB 323	Decision Making with Agribusiness Accounting Information	4
AGB 327	Agribusiness Data Analysis	4
AGB 328	Decision Tools for Agribusiness	4
AGB 369	Agricultural Personnel Management	4
AGB 460 & AGB 461	Senior Project - Research I and Senior Project - Research II	4
or AGB 462	Senior Project - Applied Agribusiness Problems	
or AGB 463	Senior Project - Agribusiness Consulting	

Agribusiness General Electives

Select one 4 unit AGB course at the 400 level	4
Select AGB courses at the 300, 400, or 500 levels ¹	12

SUPPORT COURSES

BUS 207	Legal Responsibilities of Business	4
CHEM 110	World of Chemistry (B1 & B3) ²	4

ECON 222	Macroeconomics (D2) ²	4
MATH 221	Calculus for Business and Economics (B4) ^{2,3}	4
STAT 251	Statistical Inference for Management I (GE Electives) ²	4

Agricultural Science and Technology Electives ⁴

Select from the following:		12
AEPS 120	Principles of Horticulture and Crop Science	
AEPS 132	Pomology I	
AEPS 150	Forage Crops	
AEPS 190	California Vegetable Production	
AEPS 230	Environmental Horticulture	
AEPS 421	Postharvest Technology of Horticultural Crops	
ASCI 112	Principles of Animal Science	
ASCI 211	Meat Science	
ASCI 225	Introduction to Poultry Management	
ASCI 229	Anatomy and Physiology of Farm Animals	
ASCI 321	Zoonoses and Veterinary Public Health Concerns	
BRAE 340	Irrigation Water Management	
BRAE 438	Drip/Micro Irrigation	
DSCI 230	General Dairy Husbandry	
DSCI 231	General Dairy Manufacturing	
FSN 202	Introduction to Human Nutrition	
FSN 230	Elements of Food Processing	
FSN 250	Food and Nutrition: Customs and Culture	
FSN 275	Elements of Food Safety	
FSN 340	Fermented Foods	
SS 120	Introductory Soil Science	
SS 130	Soils in Environmental and Agricultural Systems	
SS 221	Soil Health and Plant Nutrition	
SS 321	Soil Morphology	
SS 440	Forest and Range Soils	

GENERAL EDUCATION (GE)

(See GE program requirements below.) 56

FREE ELECTIVES

Free Electives ⁴	20
Total units	180

¹ 500-level courses used for a baccalaureate degree may not be applied toward a master's degree or credential program. Consultation with advisor is recommended.

² Required in Major or Support; also satisfies General Education (GE) requirement.

³ Prerequisite: Appropriate Math Placement Level; or MATH 117; or MATH 118.

⁴ If a General Education (GE) course is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.

General Education (GE) Requirements

- 72 units required, 16 of which are specified in Major and/or Support.
- If any of the remaining 56 units is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.
- See the complete GE course listing (<http://catalog.calpoly.edu/generalrequirementsbachelorsdegree/#generaleducationtext>).
- A grade of C- or better is required in one course in each of the following GE Areas: A1 (Oral Communication), A2 (Written Communication), A3 (Critical Thinking), and B4 (Mathematics/Quantitative Reasoning).

¹ Required in Major or Support; also satisfies General Education (GE) requirement.

Area A	English Language Communication and Critical Thinking	
A1	Oral Communication	4
A2	Written Communication	4
A3	Critical Thinking	4
Area B	Scientific Inquiry and Quantitative Reasoning	
B1	Physical Science (4 units in Support) ¹	0
B2	Life Science	4
B3	One lab taken with either a B1 or B2 course	
B4	Mathematics/Quantitative Reasoning (4 units in Support) ¹	0
Upper-Division B		4
Area C	Arts and Humanities	
Lower-division courses in Area C must come from three different subject prefixes.		
C1	Arts: Arts, Cinema, Dance, Music, Theater	4
C2	Humanities: Literature, Philosophy, Languages other than English	4
Lower-Division C Elective - Select a course from either C1 or C2		4
Upper-Division C		4
Area D	Social Sciences - Select courses in Area D from at least two different prefixes	
D1	American Institutions (Title 5, Section 40404 Requirement)	4
D2	Lower-Division D (4 units in Support) ¹	0
Upper-Division D		4
Area E	Lifelong Learning and Self-Development	
Lower-Division E		4
Area F	Ethnic Studies	
Lower-Division F		4
GE Electives in Areas B, C, and D		
Select courses from two different areas; may be lower-division or upper-division courses.		
GE Electives (4 units in Support plus 4 units in GE) ¹		4
Total units		56