BS AGRICULTURAL BUSINESS

Program Learning Objectives
1. Exhibit critical thinking and complex problem-solving skills leading to lifelong learning.
2. Possess strong interpersonal and teamwork skills, as well as the ability to work independently.
3. Develop technical competency in their discipline but will also learn 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 courses in major or support.

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 Agribusiness Managerial Accounting 4
AGB 327 Agribusiness Data Analysis 4
AGB 328 Decision Tools for Agribusiness 4
AGB 369 Agricultural Personnel Management 4
AGB 460 Research Methodology in Agribusiness 4
& AGB 461 Agribusiness and Senior Project 4
or AGB 462 Senior Project - Applied Agribusiness Problems 4
or AGB 463 Senior Project - Agribusiness Consulting 4

Agribusiness general electives
Select one 4-unit AGB course at the 400 level 4
Select AGB courses at the 300, 400, or 500 levels 12

SUPPORT COURSES
BUS 207 Legal Responsibilities of Business 4
CHEM 110 World of Chemistry (B3 & B4) 4

ECON 222 Macroeconomics (D2) 4
MATH 221 Calculus for Business and Economics (B1) 4
STAT 251 Statistical Inference for Management I (B1) 4

Agricultural science and technology electives
Select from the following: 12
AEP 120 Principles of Horticulture and Crop Science
AEP 132 Pomology I
AEP 150 Forage Crops
AEP 230 Environmental Horticulture
AEP 250 California Fruit Growing
AEP 260 Introduction to Vegetable Science or AEP 190 California Vegetable Production
AEP 421 Postharvest Technology of Horticultural Crops
ASC 112 Principles of Animal Science
ASC 211 Meat Science
ASC 225 Introduction to Poultry Management
ASC 229 Anatomy and Physiology of Farm Animals
ASC 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 210 Nutrition
FSN 230 Elements of Food Processing
FSN 250 Food and Nutrition: Customs and Culture
FSN 275 Elements of Food Safety
FSN 341 Fermented Foods
SS 121 Introductory Soil Science
SS 131 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 20

Total units 180

1 Required in Support; also satisfies GE.
2 500-level courses used for a baccalaureate degree may not be applied toward a master's degree or credential program. Consultation with advisor is recommended.
3 Prerequisite: Passing score on appropriate Mathematics Placement Examination, or MATH 118 or equivalent.
## General Education (GE) Requirements

- 72 units required, 16 of which are specified in Major and/or Support.
- See the complete GE course listing (http://catalog.calpoly.edu/generalrequirementsbachelorsdegree/#generaleducationtext).
- Minimum of 12 units required at the 300 level.

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<thead>
<tr>
<th>Area A</th>
<th>Communication</th>
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<tbody>
<tr>
<td>A1</td>
<td>Expository Writing</td>
<td>4</td>
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<tr>
<td>A2</td>
<td>Oral Communication</td>
<td>4</td>
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<tr>
<td>A3</td>
<td>Reasoning, Argumentation and Writing</td>
<td>4</td>
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<tr>
<th>Area B</th>
<th>Science and Mathematics</th>
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<tbody>
<tr>
<td>B1</td>
<td>Mathematics/Statistics (8 units in Support)</td>
<td>0</td>
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<tr>
<td>B2</td>
<td>Life Science</td>
<td>4</td>
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<tr>
<td>B3</td>
<td>Physical Science (4 units in Support)</td>
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<tr>
<td>B4</td>
<td>One lab taken with either a B2 or B3 course (in Support)</td>
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<thead>
<tr>
<th>Area C</th>
<th>Arts and Humanities</th>
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<tbody>
<tr>
<td>C1</td>
<td>Literature</td>
<td>4</td>
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<tr>
<td>C2</td>
<td>Philosophy</td>
<td>4</td>
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<td>C3</td>
<td>Fine/Performing Arts</td>
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<td>C4</td>
<td>Upper-division elective</td>
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<tr>
<td>Area C elective</td>
<td>(Choose one course from C1-C5)</td>
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<thead>
<tr>
<th>Area D/E</th>
<th>Society and the Individual</th>
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<tbody>
<tr>
<td>D1</td>
<td>The American Experience (Title 5, Section 40404 requirement)</td>
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<tr>
<td>D2</td>
<td>Political Economy (4 units in Support)</td>
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<tr>
<td>D3</td>
<td>Comparative Social Institutions</td>
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<tr>
<td>D4</td>
<td>Self Development (CSU Area E)</td>
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<tr>
<td>D5</td>
<td>Upper-division elective</td>
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<tr>
<th>Area F</th>
<th>Technology</th>
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<tbody>
<tr>
<td>F</td>
<td>Upper-division elective</td>
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Total units 56

1 Required in Support; also satisfies GE.