

BS AGRICULTURAL SCIENCE

2007-09 Cal Poly Catalog

Agricultural Education & Communication Department

**Agriculture Bldg. (10), Room 244
(805) 756-2803**

- 60 units upper division GWR
- 2.0 GPA USCP

* = Satisfies General Education requirement

MAJOR COURSES

AGED 202 Intro. to Agricultural Education and Communication <i>or</i> AGC 102 Orientation to Agricultural Communication	2
AGED 404 Agricultural Leadership	3
AGC 426 Presentation Methods in Agricultural Communication <i>or</i> EDUC 412 Schooling in a Democratic Society.....	4
AGED 460 Research Methodology in Agricultural Education and Communication	1
AGED/AGC 461 Senior Project	1
AGED/AGC 462 Senior Project	1
AG 360 Holistic Management <i>or</i> ASCI 476 Issues in Animal Agriculture.....	4/3
AGB 202 Communication, Leadership and Management Skills for Agribusiness.....	4
AGB 301 Food and Fiber Marketing	4
AGB 401 Managing Cultural Diversity in Agricultural Labor Relations (USCP)	4
ASCI 112 Principles of Animal Science	4
ASCI 232 General Animal Science Laboratory	1
BRAE 121 Agricultural Mechanics	2
BRAE 141 Agricultural Machinery Safety	3
CRSC 123 Forage Crops	4
DSCI 230 General Dairy Husbandry	4
DSCI 231 General Dairy Manufacturing <i>or</i> FSN 230 Elements of Food Processing	4
EHS 230 Environmental Horticulture	4
FRSC 230 California Fruit Growing <i>or</i> VGSC 230 Introduction to Vegetable Science	4
PM 225 Introduction to Poultry Management.....	4
SS 121 Introductory Soil Science.....	4
Concentration courses (see below).....	22
	87-88

SUPPORT COURSES

CHEM 110 World of Chem/Essentials (B3 & B4)*	4
BRAE 340 Irrigation Water Management (Area F)*	4
FNR 308 Fire and Safety <i>or</i> FNR 323 Human Dimensions in Natural Resources Management (D5)*.....	4
MATH 118 Pre-Calculus Algebra (B1)*	4
(MATH 116 & MATH 117 substitute)	
Advisor approved restricted electives	26
12-20 units must be 300-400 level depending on concentration. Career area programs may be selected from teaching agriculture, or agricultural communication.	

GENERAL EDUCATION (GE)

72 units required; 16 units are in Support.
→See page 56 for complete GE course listing.
→Minimum of 12 units required at the 300-400 level.

Area A Communication (12 units)

A1 Expository Writing	4
A2 Oral Communication	4
A3 Reasoning, Argumentation, and Writing.....	4

Area B Science and Mathematics (8 units)

B1 Mathematics/Statistics * 4 units in Support	4
B2 Life Science.....	4
B3 Physical Science * 4 units in Support.....	0
B4 One lab taken with either a B2 or B3 course	

Area C Arts and Humanities (20 units)

C1 Literature	4
C2 Philosophy	4
C3 Fine/Performing Arts	4
C4 Upper-division elective	4
Area C elective (Choose one course from C1-C4)	4

Area D/E Society and the Individual (16 units)

D1 The American Experience (40404)	4
D2 Political Economy	4
D3 Comparative Social Institutions	4
D4 Self Development (CSU Area E)	4
D5 Upper-division elective *4 units in Support.....	0

Area F Technology Elective (upper division)

* 4 units in Support	0
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ELECTIVES

6-7

192

CONCENTRATIONS (select one)

Agricultural Mechanics

BRAE 133 Engineering Design Graphics.....	2
BRAE 237 Intro to Engineering Surveying	2
BRAE 321 Agricultural Safety	3
BRAE 335 Internal Combustion Engines	4
BRAE electives (3 units at 300-400 level).....	11
	22

Agricultural Supplies and Services

AGB 212 Agricultural Economics	4
AGB 310 Agribusiness Credit and Finance	4
AGB 312 Agricultural Policy	4
AGB electives (2 units at 300-400 level).....	10
	22

Animal Science

Select two: ASCI 221, 222, 223.....	4,4
ASCI 220 Intro Animal Nutrition and Feeding	4
DSCI 330 Artificial Insemination and Embryo Biotechnology	4
ASCI/DSCI/PM electives (300-400 level)	6
	22

Crop and Soil Science

ERSC 202 Soil Erosion and Water Conservation	4
FRSC 230 California Fruit Growing <i>or</i> VGSC 230 Introduction to Vegetable Science (Select course not taken in major column)	4
PPSC 311 Agricultural Entomology	4
SS 221 Fertilizers	4
CRSC/FRSC/VGSC/SS electives (300–400 level) ..	6
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	22

Forestry and Natural Resources

BIO 227 Wildlife Conservation Biology	4
FNR 202 Environmental Management.....	3
FNR 208 Dendrology	4
FNR 306 Natural Resource Ecology and Habitat Management	4
FNR electives (minimum of 6 units at 300–400 level).....	7
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Ornamental Horticulture

HCS 120 Principles of Horticulture and Crop Science.....	4
EHS 123 Landscape Installation and Maintenance	4
HCS 124 Plant Propagation	4
EHS 438 Teaching Methods in Environmental Horticulture	4
EHS electives (300–400 level).....	6
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