



**California State Polytechnic University, Pomona
Degree Curriculum Sheet**

Plan (Major) AGRICULTURAL SCIENCE

Catalog Year 2011-2012

Name _____

Evaluator _____

Subplan/Option _____

Minimum Units Required 180

Student ID _____

GWT Satisfied Yes No

Required Core Courses		
Course		Units
Orientation to Agriculture	AG 100	1
Agriculture & Modern World*	AG 101	4
Development of Leadership Skills	AG 464	3
Development of Competitive Activities	AGS 250	2
Introduction to Agricultural Education Programs	AGS 300	3
Agriculture Skills and Facilities	AGS 420/420A	2/1
Field Experiences in Agricultural Education	AGS 441	4
Senior Project I	AGS 461	2
Senior Project II	AGS 462	2
Fundamentals of Animal Nutrition	AVS 101	4
Animal Science I	AVS 112/114L	4/1
Animal Science II	AVS 113/115L	4/1
Meat Science and Industry	AVS 327/327L	3/1
Accounting for Agribusiness	FMA 224	4
Agribusiness Enterprise Management	FMA 328	4
Horticulture Principles and Practices	PLT 131/131L	3/1
Argonomic Principles and Practice	PLT 220/220L	3/1
Pastures and Forage System	PLT 223/223L	3/1
Basic Soil Science	PLT 231/231L	3/1
Weeds and Weed Control	PLT 331/331L	3/1
*Note: If course(s) is taken to satisfy G. E. requirements, then student will need to complete additional approved units for Required Core.		
Total Units		70

Elective Core Courses	
Course	Units
<i>See reverse side for courses</i>	25
Mechanized AG Competency	14
Plant Science Competency	11
Total Units	25

Required Support Courses		
Course		Units
Ethical Issues in Food, Agricultural, Apparel Indus. (D4)	AG 401	4
Basic Biology (B2, B3)	BIO 115/115A/115L	3/1/1
General Chemistry (B1, B3)	CHM 121/121L	3/1
School Health Education	KIN 441	3
Fundamentals of Physics	PHY 102	4
Total Units		20

Unrestricted Electives	
Course	Units
Unrestricted Electives	0-9
Select a sufficient number of courses so that the total from "Required Support", "GE", and "Unrestricted Electives" is at least 85 units.	
Total Units	0-9

General Education Requirements	
Area	Units
Area A Communication & Critical Thinking	12
1 Oral Communication	
2 Written Communication	
3 Critical Thinking	
Area B Mathematics & Natural Sciences	16
<i>Select at least one lab course from sub-area 1 or 2.</i>	
1 Physical Science	
2 Biological Science	
3 Laboratory Activity	
4 Math/Quantitative Reasoning	
5 Science & Technology Synthesis	
Area C Humanities	16
1 Visual and Performing Arts	
2 Philosophy and Civilization	
3 Literature and Foreign Language	
4 Humanities Synthesis	
Area D Social Sciences	20
1 U.S. History, Constitution, American Ideals	
2 History, Economics and Political Science	
3 Sociology, Anthropology, Ethnic & Gender Studies	
4 Social Science Synthesis	
Area E Lifelong Understanding & Self Development	4
Total Units	68

American Institutions	Units
Courses that satisfy this requirement may also satisfy G.E. Area D1	8

American Cultural Perspectives Requirement	Units
Refer to catalog for list of courses that satisfy this requirements. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	4

The following required support courses should be taken to satisfy the indicated GE Requirements to achieve the minimum units to degree listed at the top of this sheet.		
Course		GE Area
General Chemistry	CHM 121/121L	B1, B3
Basic Biology	BIO 115/115A/115L	B2, B3
Ethical Issues in Food, Agriculture, Apparel Indus.	AG 401	D4
The remaining GE requirements may be satisfied by any course approved for that area.		

No more than 105 community college quarter units or 36 extension credit quarter units may be applied toward a Bachelor's degree.
A minimum 2.0 cumulative GPA is required in core (including option) courses, Cal Poly Pomona courses, and overall work completed in order to receive a degree in this major.

Mechanized AG – min.14 units <i>(See advisor for alternative course credits from Community College)</i>			Plant Science – min. 11 units <i>(5 units minimum upper division)</i>		
Subtropical Fruits Laboratory	PLT 202L	1	Plant Propagation/Laboratory	PLT 132/132L	3/1
Landscape Drafting & Design /Laboratory	PLT 211/211L	3/1	Agricultural Cropping Systems/Laboratory	PLT 133/133L	3/1
Irrigation and Water Management	PLT 232	4	Pomology/Laboratory	PLT 203/203L	3/1
Turfgrass Management/Laboratory	PLT 240/240L	3/1	History of Garden Art	PLT 214	4
General Surveying/Laboratory	PLT 245/245L	2/1	Culinary Produce Technology	PLT 222	4
Sprinkler Irrigation	PLT 251	4	Introduction to Arthropods/Laboratory	PLT 233/233L	3/1
Technology Innovations in Plant Science	PLT 302	4	Plant Materials I/Laboratory	PLT 241/241L	3/1
Drip Irrigation/Laboratory	PLT 340/340L	2/1	Plant Materials II/Laboratory	PLT 242/242L	3/1
Golf Course Management Lab	PLT 434L	1	Insects and Civilization	PLT 300	4
Advanced Turf and Sports Management Lab	PLT 435L	1	Pesticide and Hazardous Material Laws	PLT 303	3
			Plants and Civilization	PLT 311	4
			Crop Quality and Utilization/Laboratory	PLT 321/321L	3/1
			Greenhouse Management/Laboratory	PLT 323/323L	3/1
			Soil Fertility and Fertilizers/Laboratory	PLT 332/332L	3/1
			Integrated Pest Management	PLT 333	4
			Bee Science/Laboratory	PLT 336/336L	2/1
			Postharvest Physiology/Laboratory	PLT 351/351L	3/1
			Landscape Contracting and Estimating/Laboratory	PLT 416/416L	3/1
			Landscape Management Problem-Solving/Laboratory	PLT 443/443L	3/1
			Special Topics for Upper Division Students	PLT 499/499A	1-4