



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

Plan (Major) **AGRICULTURAL SCIENCE**
Subplan/Option _____

Catalog Year **2015 - 2016**
Minimum Units Required **180**

Name _____
Student ID _____

Required Core Courses		
Course		Units
Accounting for Agribusiness	ABM 224	4
International Food and Agribusiness Marketing	ABM 330	4
Orientation to the College of Agriculture	AG 100	1
Agriculture and Modern World*	AG 101	4
Development of Leadership Skills	AG 464	3
Development of Competitive Ag 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	AGS 461	2
Senior Project	AGS 462	2
Fundamentals of Animal Nutrition	AVS 101	4
Animal Science I & Lab	AVS 112/114L	4/1
Animal Science II & Lab	AVS 113/115L	4/1
Meat Science and Industry & Lab	AVS 327/327L	3/1
Landscape Horticulture	PLT 131/131L	3/1
Argonomic Principles and Practice & Lab	PLT 220/220L	3/1
Pastures and Forage System & Lab	PLT 223/223L	3/1
Basic Soil Science & Lab	PLT 231/231L	3/1
Weeds and Weed Control & Lab	PLT 331/331L	3/1
*Note: If course(s) is taken to satisfy GE requirements, then student will need to complete additional approved units for Required Core.		
Total Units		70

Elective Core Courses		
Course		Units
Mechanized Agriculture		14
<i>(See advisor for alternative course from Community College)</i>		
Subtropical Fruits Lab	PLT 202L	(1)
Landscape Drafting and Design & Lab	PLT 211/211L	(3/1)
Irrigation and Water Management	PLT 232	(4)
Turfgrass Management & Lab	PLT 240/240L	(3/1)
General Surveying & Lab	PLT 245/245L	(2/1)
Sprinkler Irrigation	PLT 251	(4)
Technology Innovations in Plant Science	PLT 302	(4)
Drip Irrigation & Lab	PLT 340/340L	(2/1)
Golf Course Management & Lab	PLT 434/434L	(3/1)
Continue next column		

Elective Core Courses		
Course		Units
<i>Plant Science (5 units minimum upper division)</i>		
Plant Propagation & Lab	PLT 132/132L	(3/1)
Agricultural Cropping Systems & Lab	PLT 133/133L	(3/1)
Pomology & Lab	PLT 203/203L	(3/1)
History of Garden Art	PLT 214	(4)
Culinary Produce Technology	PLT 222	(4)
Introduction to Arthropods & Lab	PLT 233/233L	(3/1)
Insects and Civilization	PLT 300	(4)
Pesticide and Hazardous Material Laws	PLT 303	(3)
Plants and Civilization	PLT 311	(4)
Crop Quality and Utilization & Lab	PLT 321/321L	(3/1)
Soil Fertility and Fertilizers & Lab	PLT 332/332L	(3/1)
Integrated Pest Management	PLT 333	(4)
Bee Science & Lab	PLT 336/336L	(2/1)
Postharvest Physiology & Lab	PLT 351/351L	(3/1)
Landscape Contracting and Estimating & Lab	PLT 416/416L	(3/1)
Landscape Management Problem-Solving & Lab	PLT 443/443L	(3)
Special Topics for Upper Division Students	PLT 499/499A	(1-4/1-4)
Total Units		25

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

Unrestricted Electives		
Course		Units
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		
1. Oral Communication		
2. Written Communication		
3. Critical Thinking		
Area B Mathematics & Natural Sciences		
<i>Select at least one lab course from subarea 1 or 2.</i>		
1. Physical Science		
2. Biological Science		
3. Laboratory Activity		
4. Math/Quantitative Reasoning		
5. Science & Technology Synthesis		
Area C Humanities		
1. Visual and Performing Arts		
2. Philosophy and Civilization		
3. Literature and Foreign Language		
4. Humanities Synthesis		
Area D Social Sciences		
1. U.S. History, Constitution, American Ideals		
a. United States History		
b. Introduction to American Government		
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		
Area		Units
Courses that satisfy this requirement may also satisfy GE Area D1		
		8

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

All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the quarter following completion of 120 units for undergraduates.