



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

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

Catalog Year **2014 - 2015**
Minimum Units Required **180**

Name _____
Student ID _____

Required Core Courses		
Course		Units
Required of all students. A 2.0 cumulative GPA is required in core courses in order to receive a degree in the major.		
Orientation to the College of Agriculture	AG 100	1
Landscape Horticulture & Lab	PLT 131/131L	3/1
Plant Propagation & Lab	PLT 132/132L	3/1
Agricultural Cropping Systems & Lab	PLT 133/133L	3/1
Basic Soil Science & Lab	PLT 231/231L	3/1
Irrigation & Water Management	PLT 232	4
Intro to Anthropods & Lab	PLT 233/233L	3/1
Investigative Techniques in Plant Science	PLT 301	4
Technology Innovations in Plant Science	PLT 302	4
Weeds and Weed Control & Lab	PLT 331/331L	3/1
Soil Fertility and Fertilizers & Lab	PLT 332/332L	3/1
Integrated Pest Management	PLT 333	4
Crop Ecology	PLT 401	4
Environmental Toxicology	PLT 411	4
Internship in Plant Science	PLT 441	2
or Senior Project	PLT 461	(2)
Undergraduate Seminar	PLT 463	2
Total Units		57

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.		
Accounting for Agribusiness	ABM 224	4
Agriculture and the Modern World (D2)	AG 101	4
Ethical Issues in Food, Agricultural and Apparel Industries (D4)	AG 401	4
Basic Biology (B2,B3)	BIO 115/115A/115L	3/1/1
Form & Function in Plants & Lab	BOT 201/201L	3/1
Plant Physiology & Lab	BOT 428/428L	4/1
General Chemistry & Lab (B1)	CHM 121/121L	3/1
and General Chemistry & Lab(B3)	CHM 122/122L	3/1
Crop Diseases & Lab	PLT 421/421L	3/1
or Diseases of Ornamentals & Lab	PLT 427/427L	(3/1)
Statistics with Applications (B4)	STA 120	4
For Plant Science Students - Select a sufficient number of courses so that the total from Directed Support and GE is at least 93 units.		
Total Units		42

Elective Support Courses		
Course		Units
Determined in consultation with your advisor		
Business Courses: <i>Choose 8 units</i>		21
Agribusiness Enterprise Management	ABM 328	(4)
Agribusiness Personnel Management	ABM 402	(4)
Intro to Electronic Business	EBZ 301	(4)
E-business Technology	EBZ 302	(4)
Legal Environment of Business Transactions	FRL 201	(4)
Club Operations	HRT 320	(4)
Principles of Marketing Management	IBM 301	(4)
Principles of Management	MHR 301	(4)
First-line Management	MHR 313	(4)
Organizational Behavior	MHR 318	(4)
Intro to Entrepreneurship	MHR 320	(4)
Operations Management	TOM 301	(4)
Total Units		29

Unrestricted Electives	
Course	Units
Select a sufficient number of courses so that the total from "Required Support", "GE" and "Unrestricted Electives" is at least 94 units.	
Total Units	0-4

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 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	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	
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	
Courses that satisfy this requirement may also satisfy GE Area D1	8

American Cultural Perspectives Requirement	
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.

BUSINESS CORE LIST: Choose 8 Units

Agribusiness Enterprise Management	ABM 328	4
Agribusiness Personnel Management	ABM 402	4
Intro to Electronic Business	EBZ 301	4
E-Business Technology	EBZ 302	4
Legal Environment of Business Transactions	FRL 201	4
Club Operations	HRT 320	4
Principles of Marketing Management	IBM 301	4
Principles of Management	MHR 301	4
First-Line Management	MHR 313	4
Organizational Behavior	MHR 318	4
Intro to Entrepreneurship	MHR 320	4
Operations Management	TOM 301	4