



California State Polytechnic University, Pomona
Degree Curriculum Sheet

Plan (Major) PLANT SCIENCE Catalog Year 2010-2011 Name _____ Evaluator _____
Subplan/Option _____ Minimum Units Required 180 Student ID _____ GWT Satisfied _____ Yes _____ No

Required Core Courses		
Course		Units
Orientation to the College of Agriculture	AG 100	1
Horticulture Principles	PLT 131/131L	3/1
Plant Propagation	PLT 132/132L	3/1
Agricultural Cropping Systems	PLT 133/133L	3/1
Basic Soil Science	PLT 231/231L	3/1
Irrigation & Water Management	PLT 232	4
Introduction to Anthropods	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	PLT 331/331L	3/1
Soil Fertility and Fertilizers	PLT 332/332L	3/1
Integrated Pest Management	PLT 333	4
Crop Ecology	PLT 401	4
Environmental Toxicology	PLT 411	4
Internship	PLT 441	2
or Senior Project	PLT 461	(2)
Senior Seminar	PLT 463	2
Total Units		57

Required Support Courses		
Course		Units
Plant Structures & Functions	BOT 124/L	3/2
General Plant Pathology	BOT 323/L	2/2
Plant Physiology	BOT 428/L	3/2
College Chemistry	CHM 122/L	3/1
Accounting for Agribusiness	FMA 224	4
General Chemistry (B1, B3)	CHM 121/121L	3/1
Basic Biology (B2, B3)	BIO 115/115A/115L	3/1/1
Statistics with Applications (B4)	STA 120	4
Agriculture and the Modern World (D2)	AG 101	4
Ethical Issues in Food, Agricultural and Apparel Industries (D4)	AG 401	4
Total Units		43

Elective Support Courses	
Course	Units
Determined in consultation with your advisor	24
Business Courses: Choose from list on reverse side	8
Total Units	32

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

American Cultural Perspectives Requirement	
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
Statistics with Applications	STA 120	B4
Agriculture and the Modern World	AG 101	D2
Ethical Issues in Food, Agricultural and Apparel Industries	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.

BUSINESS CORE LIST: *Choose 8 Units*

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