



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

Plan (Major) **PLANT SCIENCE**  
Subplan/Option \_\_\_\_\_

Catalog Year **2016 - 2017**  
Minimum Units Required **180**

Name \_\_\_\_\_  
Student ID \_\_\_\_\_

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

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

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

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

Interdisciplinary General Education		
An alternate pattern for partial fulfillment of GE Areas A, C, D, and E available for students is the Interdisciplinary General Education (IGE) program. Students should see an advisor for specific GE coursework required by their major. Students must be exempt from or score at least 147 on the EPT to qualify for IGE. Please refer to the University Catalog General Education Program section for additional information.		
<b>How IGE fulfills General Education Requirements:</b>		
Year	Completion of IGE Courses	Satisfies GE Requirements
Freshman	IGE 120, IGE 121, IGE 122	A2 as well as any 2 courses from C1-C3
Sophomore	IGE 220, IGE 221, IGE 222	D1 (8 units) and D3
Junior	IGE 223, IGE 224	D2 and Area E

General Education Requirements	
<b>Area A Communication &amp; Critical Thinking (12 units)</b>	
1. Oral Communication 2. Written Communication 3. Critical Thinking	
<b>Area B Mathematics &amp; Natural Sciences (16 units)</b>	
1. Physical Science 2. Biological Science 3. Laboratory Activity 4. Math/Quantitative Reasoning 5. Science & Technology Synthesis	
<b>Area C Humanities (16 units)</b>	
1. Visual and Performing Arts 2. Philosophy and Civilization 3. Literature and Foreign Language 4. Humanities Synthesis	
<b>Area D Social Sciences (20 units)</b>	
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	
<b>Area E Lifelong Understanding &amp; Self Development (4 units)</b>	
<b>Total Units 68</b>	

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

American Cultural Perspectives Requirement	4
Refer to the University Catalog General Education Program section for a list of courses that satisfy this requirement. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	

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.