

Name: \_\_\_\_\_  
 Plan: Plant Science, B.S.  
 SubPlan/Option: \_\_\_\_\_  
 Min. Units Required: **120 units**

**Major Required Core 70 units**

ABM2240 - Accounting for Agribusiness I (3)  
 AG1010 - Agriculture & The Modern World (3) (D3)  
 AG4010 - Ethical Issues in Food, Agricultural and Apparel Industries (3) (C3 or D4)  
 BIO1150 - Basic Biology (3) (B2)  
 BIO1150L - Basic Biology Laboratory (1) (B3)  
 BIO2050 - Form and Function in Plants (3)  
 BIO2050L - Form and Function in Plants Laboratory (1)  
 BIO4480 - Plant Physiology (3)  
 BIO4480L - Plant Physiology Laboratory (1)  
 CHM1210 - General Chemistry I (3) (B1)  
 CHM1210L - General Chemistry Laboratory I (1) (B3)  
 CHM1220 - General Chemistry II (3) (B1)  
 CHM1220L - General Chemistry Laboratory II (1) (B3)  
 PLT1000 - Orientation to Plant Science (1)  
 PLT1120 - Plant Science I (3)  
 PLT1120L - Plant Science I Laboratory (1)  
 PLT1130 - Plant Science II (3)  
 PLT1130L - Plant Science II Laboratory (1)  
 PLT2310 - Basic Soil Science (2)  
 PLT2310L - Basic Soil Science Laboratory (1)  
 PLT2320 - Basic Irrigation Science (3)  
 PLT2330 - Introduction to Arthropods (2)  
 PLT2330L - Introduction to Arthropods Laboratory (1)  
 PLT3310 - Weed Science (2)  
 PLT3310L - Weed Science Laboratory (1)  
 PLT3320 - Soil Fertility and Fertilizers (2)  
 PLT3320L - Soil Fertility and Fertilizers Laboratory (1)  
 PLT3630 - Plant Science Junior Seminar (1)  
 PLT3650 - Sustainable Agriculture (2)  
 PLT3650L - Sustainable Agriculture Laboratory (1)  
 PLT4010 - Crop Ecology (3)  
 PLT4190 - Plant Pathology (2)  
 PLT4190L - Plant Pathology Laboratory (1)  
 PLT4400 - Integrated Pest Management (3)  
 STA1200 - Statistics with Applications (3) (B4)

PLT4410 - Internship (1) or  
 PLT4610 - Senior Project (1)

**Major Electives 17 units**

Research Emphasis : 17 units  
 Students wishing to follow a career in Plant Science research will select from a list of courses approved by the Plant Science Department upon consultation with their advisor.

Professional Emphasis : 17 units  
 Students wishing to follow a professional career in Plant Science will select from a list of courses approved by the Plant Science Department upon consultation with their advisor.

**General Education Requirements 48 Units**

Students should consult the Academic Programs website  
<https://www.cpp.edu/~academic-programs/general-education-course-listings.shtml>  
 for current information regarding this requirement. Unless specific courses are required, please refer to the list of approved courses under General Education Requirements, Areas A through E.

**Area A. English Language Communication and Critical Thinking (9 units)**

1. Oral Communication
2. Written Communication
3. Critical Thinking

**Area B. Scientific Inquiry and Quantitative Reasoning (12 units)**

1. Physical Sciences
2. Life Sciences
3. Laboratory Activity
4. Mathematics/Quantitative Reasoning
5. Science and Technology Synthesis

**Area C. Arts and Humanities (12 units)**

1. Visual and Performing Arts
- 2a. Philosophy and Civilization
- 2b. Literature and Language Other than English
3. Arts and Humanities Synthesis

**Area D. Social Sciences (12 units)**

1. U.S. History and American Ideals
2. U.S. Constitution and California Government
3. Social Sciences: Principles, Methodologies, Value Systems, and Ethics
4. Social Science Synthesis

**Area E. Lifelong Learning and Self-Development (3 units)**

**Interdisciplinary General Education 21 Units**

An alternate pattern for partial fulfillment of GE Areas A, C, and D available for students is the Interdisciplinary General Education (IGE) program. Students should see an advisor for specific GE coursework required by their major. Please refer to the University Catalog General Education Program section for additional information.

**How IGE fulfills General Education Requirements:**

Year	Completion of IGE Courses	Satisfies GE Requirements
Freshman	IGE 1100, IGE 1200	A2 and C2b
Sophomore	IGE 2100, IGE 2200	C1 and C2a
Junior	IGE 2300, IGE 2400	D1 and D3
Senior	IGE 3100	C3 or D4

**American Institutions 6 Units**

Courses that satisfy this requirement may also satisfy GE Area D1 and D2.

**American Cultural Perspectives Requirement 3 Units**

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.

**Graduation Writing Test**

All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the semester following completion of 60 units for undergraduates.