



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

**2021-2022 University Catalog
 Degree Curriculum Sheet**

Major Required 69 units

- ABM2240 - Accounting for Agribusiness I (3)
- AG1110 - Agriculture: The Foundation of Civilizations (3) (C2)
- 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)
- 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)
- PLT4280 - Plant Physiology for Plant Science Students (3)
- PLT4400 - Integrated Pest Management (3)
- STA1200 - Statistics with Applications (3) (B4)

Major Electives 18 units

Any combination of courses approved by the Plant Science Department upon consultation with an advisor will satisfy the required 18 units. Emphases are listed to provide guidance for helping students to choose courses of interest that best fit your career goals, but there is no requirement for choosing a specific emphasis for fulfilling these units.

Research Emphasis : 18 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 : 18 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 view their Degree Progress Report (DPR) for information regarding their General Education requirements. Unless specific GE courses are required for their major, please refer to the list of approved courses in the General Education Program in the University Catalog, catalog.cpp.edu. When viewing the catalog, students should select the catalog year associated with the GE requirements listed in their Degree Progress Report.

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

- At least 3 units from each sub-area*
1. Oral Communication
 2. Written Communication
 3. Critical Thinking

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

- At least 3 units from B1, B2, B4, and B5 including 1 unit of lab from B1 or B2 to fulfill B3*
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)

- At least 3 units from each sub-area and 3 additional units from sub-areas 1 and/or 2*
1. Visual and Performing Arts
 2. Literature, Modern Languages, Philosophy and Civilization
 3. Arts and Humanities Synthesis

Area D. Social Sciences (9 units)

- At least 3 units from each sub-area*
1. U.S. History and American Ideals
 2. U.S. Constitution and California Government
 4. Social Science Synthesis

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

Area F. Ethnic Studies (3 units)

Interdisciplinary General Education 18 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
First	IGE 1100, IGE 1200	A2 and C2
Second/Third	IGE 2150, IGE 2250	D1 and C2
	IGE 2350	C1
	IGE 3100	C3 or D4

American Institutions 6 Units

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

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.