Major Required Core 70 units

安检ABM2240 - Accounting for Agribusiness I (3)
A3G1010 - Agriculture & The Modern World (3) (D3)
A3G4010 - Ethical Issues in Food, Agricultural and Apparel Industries (3) (C3 or D4)
BIO1150 - Basic Biology (3) (B2)
BIO1150L - Basic Biology Laboratory (1) (B3)
BIO2250 - Form and Function in Plants (5)
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)
PLT3830 - Plant Science Junior Seminar (1)
PLT3650 - Sustainable Agriculture (2)
PLT3650L - Sustainable Agriculture Laboratory (1)
PLT4610 - 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
PLT4810 - 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 (8 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
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:

<table>
<thead>
<tr>
<th>Year</th>
<th>Completion of IGE Courses</th>
<th>Satisfies GE Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freshman</td>
<td>IGE 1100, IGE 1200</td>
<td>A2 and C2b</td>
</tr>
<tr>
<td>Sophomore</td>
<td>IGE 2100, IGE 2200</td>
<td>C1 and C2a</td>
</tr>
<tr>
<td>Junior</td>
<td>IGE 2300, IGE 2400</td>
<td>D1 and D2</td>
</tr>
<tr>
<td>Senior</td>
<td>IGE 3100</td>
<td>C3 or D4</td>
</tr>
</tbody>
</table>

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.