

**Major Required 53 units**

AG1110 - Agriculture: The Foundation of Civilizations (3) (C2)  
 AG4010 - Ethical Issues in Food, Agricultural and Apparel Industries (3) (C3 or D4)

AHS3305 - Parasitology and Infectious Diseases (3) *and*  
 AHS3305L - Parasitology and Infectious Diseases Laboratory (1)

**OR**  
 BIO2060 - Basic Microbiology (3) *and*  
 BIO2060L - Basic Microbiology Laboratory (1)

AVS1000 - Orientation to Animal & Veterinary Sciences (1)  
 AVS1112 - Food Animal Production (3)  
 AVS1113 - Companion, Laboratory and Exotic Animal Care (3)  
 AVS1114L - Food Animal Production Laboratory (1)  
 AVS1115L - Companion Animal Management Laboratory (1)  
 AVS2101 - Fundamentals of Animal Nutrition (3)  
 AVS2101L - Fundamentals of Animal Nutrition Laboratory (1)  
 AVS3305 - Animal Genetics (3)

AVS3311 - Animal Industry and Society (3) (B5) *or*  
 AVS3333 - Canine and Feline Compendium (3) (B5)

AVS3350 - Anatomy and Physiology (4)  
 AVS3350L - Anatomy and Physiology Laboratory (1)  
 AVS4430 - Biotechnology Applications in Animal Science (3)  
 AVS4430L - Biotechnology Applications in Animal Science Laboratory (1)  
 AVS4610 - Senior Seminar (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)  
 MAT1050 - College Algebra (3)  
 STA1200 - Statistics with Applications (3) (B4)

**Subplan/Option Required 31 units**

BIO1210 - Foundations of Biology: Energy, Matter, and Information (3) (B2)  
 BIO1210L - Foundations of Biology: Energy, Matter, and Information Laboratory (1) (B3)  
 BIO1220 - Foundations of Biology: Evolution, Ecology, and Biodiversity (3)  
 BIO1220L - Foundations of Biology: Evolution, Ecology, and Biodiversity Laboratory (1)  
 CHM3140 - Organic Chemistry I (4)  
 CHM3140L - Organic Chemistry Laboratory I (1)  
 CHM3150 - Organic Chemistry II (3)  
 CHM3150L - Organic Chemistry Laboratory II (1)  
 CHM3210 - Elements of Biochemistry (3)  
 MAT1060 - Trigonometry (3) (B4)  
 PHY1210 - Physics of Motion, Fluids, and Heat (3) (B1)  
 PHY1210L - Physics of Motion, Fluids, and Heat Laboratory (1) (B3)  
 PHY1220 - Physics of Electromagnetism, Circuits, and Light (3)  
 PHY1220L - Electromagnetism, Circuits, and Light Laboratory (1)

**Restricted Electives 0-6 units**

Students should meet with their advisor for a list of approved courses.

Select a sufficient number of courses so that the total from "Major Required", "Subplan/Option Required", "GE", and "Restricted Electives" is at least 120 units.

**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.