

Name: _____
 Plan: Animal Science, B.S.
 SubPlan/Option: Pre-Veterinary Science/Graduate School
 Min. Units Required: 120 units

Major Required Core 40 units

AHS3305 - Parasitology and Animal Diseases (3)
 AHS3305L - Parasitology and Animal Diseases Laboratory (1)
 AVS1000 - Orientation to Animal & Veterinary Sciences (1)
 AVS1112 - Food Animal Production (2)
 AVS1113 - Companion, Laboratory and Exotic Animal Care (2)
 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)
 AVS3327 - Meat Science (3)
 AVS3350 - Anatomy and Physiology (3)
 AVS3350L - Anatomy and Physiology Laboratory (1)
 AVS4214 - Mammalian Endocrinology and Physiology of Reproduction and Lactation (3)
 AVS4214L - Mammalian Reproduction and Lactational Physiology Laboratory (1)
 AVS4402 - Advanced Nutrition (3) or
 AVS4473 - Clinical Nutrition (3)
 AVS4430 - Biotechnology Applications in Animal Science (3)
 AVS4430L - Biotechnology Applications in Animal Science Laboratory (1)
 AVS4610 - Senior Seminar (1)

Subplan/Option Required Core 50 units

AG1010 - Agriculture & The Modern World (3) (D3)
 AG4010 - Ethical Issues in Food, Agricultural and Apparel Industries (3) (C3 or D4)
 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)
 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)
 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)
 MAT1050 - College Algebra (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)
 STA1200 - Statistics with Applications (3) (B4)

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.