



**California State Polytechnic University, Pomona
Degree Curriculum Sheet**

Plan (Major) **ANIMAL SCIENCE, B.S.**
Subplan/Option **Animal Industries Management**

Catalog Year **2017-2018**
Minimum Units Required **180**

Name _____
Student ID _____

Required Core Courses

Required of all students. A 2.0 cumulative GPA is required in core courses including subplan courses for the major in order to receive a degree in the major.

AG 100 - Orientation to the College of Agriculture (1)
AVS 101 - Fundamentals of Animal Nutrition (4)
AVS 112 - Animal Science 1: Food Animal Science (4)

AVS 113 - Animal Science II: Companion, Lab, and Exotic Animal Science (4)
or
AVS 125/125L - Equine Management Science (3/1) (Lecture Component Only)

AVS 114L - Animal Science I: Food Animal Management Laboratory (1)

AVS 115L - Companion, Lab, and Exotic Animal Science Lab (1)
or
AVS 125/125L Equine Management Science (3/1) (Laboratory Component Only)

AVS 201 - Animal Diseases (3)
AVS 350/350L - Anatomy and Physiology of Domestic Animals (4/1)

Total Units 22-23

Required Subplan/Option Courses

ABM 224 - Accounting for Agribusiness (4) or
ACC 207/207A - Financial Accounting for Decision Making (4/1)

ABM 326 - Financial Analysis for Agribusiness I (4)
ABM 328 - Agribusiness Enterprise Management (4)
ABM 329 - Equine Enterprise Management (3)
AHS 302/302L - Animal Parasitology (3/1)
AVS 125/125L - Equine Management Science (3/1)

AVS 303/303L - Applied Animal Feeding (3/1) or
AVS 402 - Animal Nutrition (3)

AVS 305 - Genetics of Domestic Animals (4) or
AVS 404/404A - Animal Breeding (3/1)

AVS 414/414L - Physiology of Reproduction and Lactation (3/1)
AVS 430/430L - Biotechnology Applications in Animal Science (3/1)

AVS 463 - Undergraduate Seminar (2) or
AG 464 - Development of Leadership Skills (3)

Total Units 40-43

Required Support Courses

AG 128/128L - Computer Applications in Agriculture (2/1)
MAT 105 - College Algebra (4)

Note: The following major support courses should be used to satisfy the indicated GE requirements.

If these courses are not used to satisfy GE, the total units to degree may be more than 180 units.

AG 101 - Agriculture and the Modern World (4) (D2)
AG 401 - Ethical Issues in Food, Agricultural, and Apparel Industries (4) (C4)
AVS 211 - Drugs and Society (4) (E)
AVS 311 - The Animal Industries and Society (4) (B5)
BIO 115/115A/115L - Basic Biology (3/1/1) (B2, B3)

CHM 121 - General Chemistry (3) (B1) and
CHM 121L - General Chemistry Laboratory (1) (B3)

STA 120 - Statistics with Applications (4) (B4)

Total Units 36

Restricted Support Courses

AVS 234 - Farrier Science (2)
AVS 235L - Farrier Science (2)
AVS 335L - Horsemanship (2)
AVS 345 - Equine Genetics and Breeding Principles (3)
AVS 355 - Equine Nutrition (3)
AVS 365/365L - Equine Herd Health Care and Management (3/1)
AVS 434 - Equine Reproduction (3)
AVS 435 - Equine Exercise Physiology (3)
PLT 223/223L - Pastures and Forage Systems (3/1)
PLT 231/231L - Basic Soil Science (3/1)

Total Units 30

Unrestricted Electives

Select a sufficient number of courses so that the total from "Required Core", "Required Subplan", "Required Support", "GE", and "Unrestricted Electives" is at least 150 units.

Total Units 0-12

Interdisciplinary General Education

See Interdisciplinary General Education Courses on the back of the Curriculum Sheet.

Total Units 32

General Education Requirements

Area A Communication & Critical Thinking (12 units)

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

Area B Mathematics & Natural Sciences (16 units)

1. Physical Science
2. Biological Science
3. Laboratory Activity
4. Math/Quantitative Reasoning
5. Science & Technology Synthesis

Area C Humanities (16 units)

1. Visual and Performing Arts
2. Philosophy and Civilization
3. Literature and Foreign Language
4. Humanities Synthesis

Area D Social Sciences (20 units)

1. U.S. History, Constitution, American Ideals
 - a. United States History
 - b. Introduction to American Government
2. History, Economics and Political Science
3. Sociology, Anthropology, Ethnic & Gender Studies
4. Social Science Synthesis

Area E Lifelong Understanding & Self Development (4 units)

Total Units 68

American Institutions

Courses that satisfy this requirement may also satisfy GE Area D1

8

American Cultural Perspectives Requirement

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.

4

All persons who receive undergraduate degrees from Cal Poly Pomona must pass the Graduation Writing Test (GWT). The test must be taken by the quarter following completion of 120 units for undergraduates.

Interdisciplinary General Education

An alternate pattern for partial fulfillment of GE Areas A, C, D, and E available for students is the Interdisciplinary General Education (IGE) program. Students should see an advisor for specific GE coursework required by their major. Students must be exempt from or score at least 147 on the EPT to qualify for IGE. 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 120, IGE 121, IGE 122	A2 as well as any 2 courses from C1-C3
Sophomore	IGE 220, IGE 221, IGE 222	D1 (8 units) and D3
Junior	IGE 223, IGE 224	D2 and Area E

Total Units 32