California State Polytechnic University, Pomona
Degree Curriculum Sheet

Plan (Major) **ANIMAL SCIENCE**
Subplan/Option **Animal Industries Management**

Catalog Year **2015 - 2016**
Minimum Units Required **180**

Name
Student ID

Required Core Courses

Course		Units
Orientation to the College of Agriculture	AG 100	1
Fundamentals of Animal Nutrition	AVS 101	4
Animal Science I	AVS 112	4
Animal Science II	AVS 113	4
or Equine Management Science	AVS 125	(3)
Animal Science I Lab	AVS 114L	1
Animal Science II Lab	AVS 115L	1
or Equine Management Science Lab	AVS 125L	(1)
Animal Diseases	AVS 201	3
Anatomy and Physiology of Domestic Animals & Lab	AVS 350/350L	4/1
Total Units		**22-23**

Required Subplan/Option Courses

Course		Units
Accounting for Agribusiness	ABM 224	4
or Financial Accounting for Decision Making	ACC 207/207A	(4/1)
Financial Analysis for Agribusiness I	ABM 326	4
Agribusiness Enterprise Management	ABM 328	4
Equine Enterprise Management	ABM 329	3
Animal Parasitology & Lab	AHS 302/302L	3/1
Equine Management Science & Lab	AVS 125/125L	3/1
Applied Animal Feeding & Lab	AVS 303/303L	3/1
or Animal Nutrition	AVS 402	(3)
Genetics of Domestic Animals	AVS 305	4
or Animal Breeding	AVS 404/404A	(3/1)
Physiology of Reproduction and Lactation & Lab	AVS 414/414L	3/1
Biotechnology Appications in Animal Sci & Lab	AVS 430/430L	3/1
Undergraduate Seminar	AVS 463	2
or Development of Leadership Skills	AG 464	(3)
Total Units		**43-46**

Required Support Courses

Course		Units
The following required support courses should be taken to satisfy the indicated GE Requirements to achieve the minimum units to degree listed at the top of this sheet.		
Computer Applications in Agriculture & Lab	AG 128/128L	2/1
College Algebra	MAT 105	4
Agriculture and the Modern World (D2)	AG 101	4
Ethical Issues in Food, Agricultural & Apparel Ind (C4)	AG 401	4
Drugs and Society (E)	AVS 211	4
Animal Industries and Society (B5)	AVS 311	4
Basic Biology (B2, B3)	BIO 115/115A/115L	3/1/1
General Chemistry & Lab (B1, B3)	CHM 121/121L	3/1
Statistics with Applications (B4)	STA 120	4
Total Units		**36**

Restricted Support Courses

Course		Units
Farrier Science	AVS 234	2
Farrier Science Lab	AVS 235L	2
Horsemanship Lab	AVS 335L	2
Equine Genetics and Breeding Principles	AVS 345	3
Equine Nutrition	AVS 355	3
Equine Herd Health Care and Mgmt & Lab	AVS 365/365L	3/1
Equine Reproduction	AVS 434	3
Equine Exercise Physiology	AVS 435	3
Pasture and Forage Systems & Lab	PLT 223/223L	3/1
Basic Soil Science & Lab	PLT 231/231L	3/1
Total Units		**30**

Unrestricted Electives

Course	Units
Select a sufficient number of courses so that the total from "Required Core", "Required Subplan/Option", "Required Support", "GE" and "Unrestricted Electives" is at least 150 units.	0-9
Total Units	**0-9**

General Education Requirements

Area	Units
Area A Communication & Critical Thinking	12
1. Oral Communication	
2. Written Communication	
3. Critical Thinking	
Area B Mathematics & Natural Sciences	16
Select at least one lab course from subarea 1 or 2.	
1. Physical Science	
2. Biological Science	
3. Laboratory Activity	
4. Math/Quantitative Reasoning	
5. Science & Technology Synthesis	
Area C Humanities	16
1. Visual and Performing Arts	
2. Philosophy and Civilization	
3. Literature and Foreign Language	
4. Humanities Synthesis	
Area D Social Sciences	20
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
Total Units	**68**

American Institutions Courses that satisfy this requirement may also satisfy GE Area D1	8
American Cultural Perspectives Requirement Refer to catalog for 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.