



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

Plan (Major) ANIMAL SCIENCE Catalog Year 2011-2012 Name \_\_\_\_\_  
 Subplan/Option Animal Industries Management Minimum Units Required 180 Student ID \_\_\_\_\_

Evaluator \_\_\_\_\_  
 GWT Satisfied \_\_\_\_\_ Yes \_\_\_\_\_ No

Required Core Courses		
Course		Units
Orientation for Agriculture Students	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 & Physiology of Domestic Animals	AVS 350/350L	4/1
<b>Total Units</b>		<b>22-23</b>

Required Subplan/Option Courses		
Course		Units
Financial Accounting for Decision Making	ACC 207/207A	4/1
or Accounting for Agribusiness	FMA 224	(4)
Financial Analysis for Agribusiness	FMA 326	4
Agricultural Enterprise Management	FMA 328	4
Equine Enterprise Management	FMA 329	3
Equine Investment Management	FMA 429	3
Animal Parasitology	AHS 302/302L	3/1
Equine Management Science	AVS 125/125L	3/1
Applied Animal Feeding	AVS 303/303L	3/1
or Advanced Animal Nutrition	AVS 402	(3)
Genetics of Domestic Animals	AVS 305	4
or Animal Breeding	AVS 404/404A	(3/1)
Physiology of Reproduction & Lactation	AVS 414/414L	3/1
Biotechnology Applications in Animal Science	AVS 430/430L	3/1
Undergraduate Seminar	AVS 463	2
or Development of Leadership Skills	AG 464	(3)
<b>Total Units</b>		<b>43-46</b>

Required Support Courses		
Course		Units
Agriculture and the Modern World (D2)	AG 101	4
Computer Applications in Agriculture	AG 128/128L	3/1
Ethical Issues in Food, Agricultural & Apparel Ind (C4)	AG 401	4
Animal Industries and Society (B5)	AVS 311	4
Drugs and Society (E)	AVS 211	4
Basic Biology (B2, B3)	BIO 115/115A/115L	3/1/1
General Chemistry (B1, B3)	CHM 121/121L	3/1
College Algebra	MAT 105	4
Statistics with Applications (B4)	STA 120	4
<b>Total Units</b>		<b>37</b>

Restricted Support Courses		
Course		Units
Farrier Science	AVS 234	2
Farrier Science	AVS 235L	2
Horsemanship	AVS 335L	2
Equine Genetics	AVS 345	3
Equine Nutrition	AVS 355	3
Equine Herd Health & Management	AVS 365/365L	3/1
Equine Reproduction	AVS 434	3
Equine Exercise Physiology	AVS 435	3
Pasture and Forage Systems	PLT 223/223L	3/1
Basic Soil Science	PLT 231/231L	3/1
<b>Total Units</b>		<b>30</b>

Unrestricted Electives	
Course	Units
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.	0-8
<b>Total Units</b>	<b>0-8</b>

General Education Requirements	
Area	Units
<b>Area A Communication &amp; Critical Thinking</b>	<b>12</b>
1 Oral Communication	
2 Written Communication	
3 Critical Thinking	
<b>Area B Mathematics &amp; Natural Sciences</b>	<b>16</b>
<i>Select at least one lab course from sub-area 1 or 2.</i>	
1 Physical Science	
2 Biological Science	
3 Laboratory Activity	
4 Math/Quantitative Reasoning	
5 Science & Technology Synthesis	
<b>Area C Humanities</b>	<b>16</b>
1 Visual and Performing Arts	
2 Philosophy and Civilization	
3 Literature and Foreign Language	
4 Humanities Synthesis	
<b>Area D Social Sciences</b>	<b>20</b>
1 U.S. History, Constitution, American Ideals	
2 History, Economics and Political Science	
3 Sociology, Anthropology, Ethnic & Gender Studies	
4 Social Science Synthesis	
<b>Area E Lifelong Understanding &amp; Self Development</b>	<b>4</b>
<b>Total Units</b>	<b>68</b>

American Institutions	
Courses that satisfy this requirement may also satisfy G.E. Area D1	8

American Cultural Perspectives Requirement	
Refer to catalog for list of courses that satisfy this requirements. Course may also satisfy major, minor, GE, or unrestricted elective requirements.	4

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.

Course		GE Area
General Chemistry	CHM 121/121L	B1, B3
Basic Biology	BIO 115/115A/115L	B2, B3
Statistics with Applications	STA 120	B4
Animal Industries and Society	AVS 311	B5
Ethical Issues in Food, Agricultural & Apparel Industries	AG 401	C4
Agriculture and the Modern World	AG 101	D2
Drugs and Society	AVS 211	E

The remaining GE requirements may be satisfied by any course approved for that area.