



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

Plan (Major) ANIMAL SCIENCE Catalog Year 2008-2009 Name _____
 Subplan/Option Animal Industries Minimum Units Required 180 Student ID _____

Evaluator _____
 GWT Satisfied _____ Yes _____ No

Required Core Courses		
Course		Units
Orientation for Agriculture Students	AG 100	1
Feeds and Feeding	AVS 101/101L	3/1
Animal Science I	AVS 112	4
Animal Science II	AVS 113	4
Animal Science Lab I	AVS 114L	1
Animal Science Lab II	AVS 115L	1
Animal Diseases	AVS 201	3
Anatomy & Physiology of Domestic Animals	AVS 350/350L	4/1
Total Units		23

Required Track Courses		
Course		Units
Animal Parasitology	AHS 302/302L	3/1
Advanced Animal Nutrition	AVS 402	3
or Applied Animal Feeding	AVS 303/303L	(3/1)
Animal Breeding	AVS 404/404A	3/1
or Genetics of Domestic Animals	AVS 305	(4)
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)
Accounting for Agribusiness	FMA 324	4
or Financial Accounting for Decision Making	ACC 207/207A	(4/1)
Financial Analysis for Agribusiness	FMA 326	4
Agricultural Enterprise Management	FMA 328	4
Agribusiness Track - Select 7 units from the following:		
Principles of Market Animal Carcass Evaluation	AVS 240/240L	2/1
Meat Science and Industry	AVS 327/327L	3/1
OR		
Equine Science Track - Select 10 units from the following:		
Equine Management Science	AVS 125/125L	3/1
Equine Enterprise Management	FMA 329	3
Equine Investment Management	FMA 429	3
Total Units		50-53

Required Support Courses		
Course		Units
Computer Applications in Agriculture	AG 128/128L	3/1
College Algebra	MAT 105	4
Statistics with Applications (B4)	STA 120	4
General Chemistry (B1, B3)	CHM 121/121L	3/1
Basic Biology (B2, B3)	BIO 115/115L	3/2
Animal Industries and Society (B5)	AVS 311	4
Ethical Issues in Food, Agricultural and Apparel Industries (C4)	AG 401	4
Agriculture and the Modern World (D2)	AG 101	4
Drugs and Society (E)	AVS 211	4
Total Units		37

Restricted Support Electives		
Course		Units
Agribusiness Track - Select 36 units from the following:		
Principles of Economics	EC 201	4
Managerial Accounting for Decision Making	ACC 208/208A	4/1
Management Information Systems	CIS 310	4
Legal Environment of Business	FRL 201	4
Food and Agribusiness Marketing	FMA 304	4
or Principles of Marketing Management.	IBM 301	(4)
Data Mgmt. for Agribusiness	FMA 375	4
or Managerial Statistics	TOM 302	(4)
Operations Management. for Agribusiness	FMA 376	4
or Operations Management	TOM 301	(4)
Managing Agribusiness Organization	FMA 201	3
or Principles of Management	MHR 301	(4)
Managerial Finance	FRL 300	3
Agribusiness Personnel Management	FMA 402	4
or Human Resources Management	MHR 311	(4)
OR		
Equine Science Track - Select 30 units from the following:		
Farrier Science	AVS 234	2
Farrier Science Lab	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 Exercise Physiology	AVS 435	3
Equine Reproduction	AVS 434	3
Pasture and Forage Systems	PLT 223/223L	3/1
Basic Soil Science	PLT 231/231L	3/1
Total Units		30-36

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
<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	
Area C Humanities	16
1 Fine 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	
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 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 115/115L	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.

No more than 105 community college quarter units or 36 extension credit quarter units may be applied toward a Bachelor's degree. A minimum 2.0 cumulative GPA is required in core (including option) courses, Cal Poly Pomona courses, and overall work completed in order to receive a degree in this major.