



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

Plan (Major) ANIMAL HEALTH SCIENCE Catalog Year 2011-2012 Name _____ Evaluator _____
 Subplan/Option _____ Minimum Units Required 180 Student ID _____ GWT Satisfied _____ Yes _____ No _____

Required Core Courses		
Course		Units
Orientation to the College of Agriculture	AG 100	1
Orientation and Careers in AHS	AHS 104	2
*Clinical Nutrition	AHS 110/110L	4/1
Companion Animal Care	AHS 128	2
*Companion Animal Nursing Skills Lab	AHS 128L	2
Animal Handling Restraint	AHS 129/129L	2/2
*Clinical Anatomy & Physiology for Veterinary Tech	AHS 202/202L	4/1
*Veterinary Radiology & Ultrasound	AHS 208/208L	2/2
*Veterinary Terminology and Law	AHS 210	3
*Laboratory Procedures for Veterinary Tech	AHS 235/235L	1/1
Work Experience in Animal Health Sciences	AHS 244	2
Clinical Externship	AHS 245	2
*Surgical Nursing Skills	AHS 263/263L	1/1
*Animal Parasitology	AHS 302/302L	3/1
*Clinical Pathology & Animal Diseases	AHS 305/305L	3/2
*Clinical Biochemistry & Pharmacology	AHS 307/307L	3/1
*Lab Animal Management Rules & Regulations	AHS 369/369L	3/1
*Critical Care, Advan Surgical Asst. & Anesth.	AHS 407/407L	2/2
Externship in Animal Health Sciences I	AHS 442	3
Externship in Animal Health Sciences II	AHS 443	3
Veterinary Economics and Hospital Management	AHS 450	3
Animal Science I	AVS 112	4
Undergraduate Seminar	AVS 463	2
or Development of Leadership Skills	AG 464	(3)
<i>* Student must receive C- or better to graduate.</i>		
Total Units		72-73

Required Support Courses		
Course		Units
Agriculture and the Modern World (D2)	AG 101	4
Computer Applications in Agriculture	AG 128/128 L	3/1
Ethical Issues in Food, Agricultural & Apparel Industries (C4)	AG 401	4
Animal Industry 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 Chemistry	CHM 122/122L	3/1
Elements of Organic Chemistry	CHM 201/250L	3/1
College Algebra	MAT 105	4
Basic Microbiology	MIC 201/201L	3/1
Statistics with Applications (B4)	STA 120	4
Total Units		49

Elective Support Courses		
Course		Units
Science Emphasis - Select 16 Units		
Genetics of Domestic Animals	AVS 305	4
or Biology of Cancer	BIO 302	(4)
Genetics	BIO 303	4
Cell and Molecular Biology	BIO 310	4
Neuroscience	BIO 424	4
Molecular Biology Techniques	BIO 451/451L	3/2
Organic Chemistry	CHM 314	3
Organic Chemistry	CHM 315	3
Organic Chemistry	CHM 316	3
Biochemistry	CHM 327	3
Biochemistry	CHM 328	3
Biochemistry	CHM 329	3
Medical Mycology	MIC 425/425L	3/2
Hematology	MIC 444/444L	3/1
Vertebrate Zoology	ZOO 238/238L	3/2
Animal Behavior	ZOO 419/419L	2/1
Histology	ZOO 422/422L	3/2
Herpetology	ZOO 429/429L	2/2
- OR -		
Business Emphasis - Select 16 Units		
Managerial Accounting for Decion Making	ACC 208/208A	4/1
Management Information Systems	CIS 310	4
Principles of Economics	EC 201	4
Legal Environment of Business	FRL 201	4
Managerial Finance	FRL 300	3
Food and Agribusiness Marketing	FMA 304	4
or Principles of Marketing Management	IBM 301	(4)
Data Management 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 Organizations	FMA 201	3
or Principles of Management	MHR 301	(4)
Agribusiness Personnel Management	FMA 402	4
or Human Resources Management	MHR 311	(4)
Total Units		16

Unrestricted Electives		
Course		Units
Unrestricted Electives		0-3
Select a sufficient number of courses so that the total from "Required Core", "Required Support", "GE", and "Unrestricted Electives" is at least 164 units.		
Total Units		0-3

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

American Cultural Perspectives Requirement	Units
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 Industry and Society	AVS 311 B5
Ethical Issues in Food, Agricultural and 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.