



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

Plan (Major) **ANIMAL HEALTH SCIENCE**
Subplan/Option _____

Catalog Year **2014 - 2015**
Minimum Units Required **180**

Name _____
Student ID _____

Required Core Courses		
Course		Units
Orientation to the College of Agriculture	AG 100	1
Orientation and Careers in AHS	AHS 104	2
Veterinary Office Procedures	AHS 115	2
Companion Animal Care	AHS 128	3
*Companion Animal Nursing Skills Lab	AHS 128L	1
Animal Handling and Restraint & Lab	AHS 129/129L	2/2
*Clinical Anatomy and Physiology for Veterinary Tech & Lab	AHS 202/202L	4/1
*Veterinary Radiology and Ultrasound & Lab	AHS 208/208L	2/2
*Veterinary Terminology and Law	AHS 210	3
*Clinical Nutrition & Lab	AHS 220/220L	4/1
*Laboratory Procedures for Veterinary Tech & Lab	AHS 235/235L	1/1
Work Experience in Animal Health Sciences	AHS 244	2
Clinical Externship	AHS 245	2
*Surgical Nursing Skills & Lab	AHS 263/263L	1/1
*Animal Parasitology & Lab	AHS 302/302L	3/1
*Clinical Pathology and Animal Diseases & Lab	AHS 305/305L	3/2
*Clinical Biochemistry and Pharmacology & Lab	AHS 307/307L	4/1
*Lab Animal Mngmnt, Rules and Regulations & Lab	AHS 369/369L	3/1
*Critical Care, Advncd Surgical Assisting and Anesth. & Lab	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: Food Animal Science	AVS 112	4
Undergraduate Seminar	AVS 463	2
<i>*Student must receive C- or better to graduate.</i>		
Total Units		75

Required Support Courses		
Course		Units
Computer Applications in Agriculture & Lab	AG 128/128L	2/1
General Chemistry & Lab	CHM 122/122L	3/1
Elements of Organic Chemistry & Lab	CHM 201/250L	3/1
College Algebra	MAT 105	4
Basic Microbiology & Lab	MIC 201/201L	3/1
The following required support courses should be taken to satisfy the indicated GE requirements to achieve the maximum units to degree listed at the top of this sheet.		
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
The 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		48

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 & Lab	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 & Lab	MIC 425/425L	3/2
Hematology & Lab	MIC 444/444L	3/1
Intro to Vertebrate Zoology & Lab	ZOO 238/238L	3/2
Histology & Lab	ZOO 422/422L	2/3
Herpetology & Lab	ZOO 429/429L	3/2
- OR -		
Business Emphasis - Select 16 Units		
Managing Agribusiness Organizations	ABM 201	3
or Principles of Management	MHR 301	(4)
Food and Agribusiness Marketing	ABM 304	4
or Principles of Marketing Management	IBM 301	(4)
Data Management for Agribusiness	ABM 375	4
or Managerial Statistics	TOM 302	(4)
Operations Management	TOM 301	4
Agribusiness Personnel Management	ABM 402	4
or Human Resources Management	MHR 311	(4)
Managerial Accounting for Decision Making	ACC 208/208A	4/1
Management Information Systems	CIS 310	4
Principles of Economics	EC 201	4
Legal Environment of Business Transactions	FRL 201	4
Managerial Finance I	FRL 300	3
Total Units		16

Unrestricted Electives	
Course	Units
Select a sufficient number of courses so that the total from "Required Support Courses", "GE" and "Unrestricted Electives" is at least 89 units.	0-1
Total Units	0-1

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 subarea 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	
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	
Requirement	Units
Courses that satisfy this requirement may also satisfy GE Area D1	8

American Cultural Perspectives Requirement	
Requirement	Units
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.