

Institution: The University of Arkansas, Fayetteville					
Degree Title: Animal Science, BS					
CIP Code: 01.0901					
Degree Code: 3380					
Total Degree Credit Hours (including prerequisites): 120					
Effective Date (Term/Year): Fall/2013					
Required State General Education Core (35 credit hours)					
	Course Number	Course Title	Credit Hours		
English (6 semester credit hours)					
	ENGL 1013	Composition I	3		
	ENGL 1023	Composition II	3		
Mathematics (3 semester credits hours)					
College Algebra, Comparable Course or Higher					
	MATH 1203	College Algebra	3		
	OR	Any higher level mathematics course	3		
Lab Science (8 semester credit hours)					
	BIOL1543/1541L	Principles of Biology/Lab	4	BIOL 1541L, BIOL 1543	
	CHEM1073/1071	Fund of Chem/Lab	4	CHEM 1071L, CHEM 1073	
	or				
	CHEM1123/1121	Univ Chem II/Lab	4	CHEM 1103, MATH 1203, CHEM 1123	
Fine Arts/Humanities (6 semester credit hours)					
The major does not specify the exact Fine Arts course or Humanities course to be taken, as long as the University/State requirement is met.					
		*One course from Fine Arts	3		
		*One course from Humanities	3		
		*See attached UA University Core Course selection list for qualifying courses.			
	Course Number	Course Title	Credit Hours		
U.S. History/Government (3 semester credit hours)					
This major does not specify the exact US History/Government course to be taken, as long as the University/State requirement is met.					
		*One course from US History or Government	3		
		*See attached UA University Core Course selection list for qualifying courses.			
Social Sciences (9 semester credit hours)					
This major does not specify the exact Social Science courses to be taken, as long as the University/State requirement is met.					
		*Three courses from Social Sciences	9		
		*See attached UA University Core Course selection list for qualifying courses.			
Total Credit Hours - General Education Core: 35					

<u>Institutional Requirements</u>	<u>Course Number</u>	<u>Course Title</u>	<u>Credit Hours</u>		
N/A	N/A	N/A	N/A		
Total Credit Hours - Institutional Requirements: 0					
<u>Prerequisite Courses Required for Degree Major</u>	<u>Course Number</u>	<u>Course Title</u>	<u>Credit Hours</u>		
	BIOL2013/2111L	General Microbiology/Lab	4	BIOL 1543/1541L, CHEM 1073/1071L, CHEM 1103, CHEM 1123/1121L, CHEM 1213/1211L	
	CHEM2613/2611L	Org Phys Chem/Lab	4	CHEM 1073, CHEM 1071L, CHEM 1123, CHEM 1121L, CHEM 1123H, CHEM 1121M, CHEM 1223, CHEM 1221L	
	Communications Intensive Course	6 hours from Bumper College Approved list (see attached)	6		
Total Credit Hours - Required Prerequisites: 14					
Courses Required for Degree Major (51 credits)					
	<u>Course Number</u>	<u>Course Title</u>	<u>Credit Hours</u>	<u>Prerequisite Course Number</u>	<u>Substitute Course Name</u>
ANSC CORE (22 hours)	ANSC1032	Intro Animal Sciences	2		
	ANSC1001L	Intro to Animal Sciences Lab	1		
	ANSC1041	Intro to Compan Animal Indust	1		
	or				
	ANSC1051	Intro to Livestock Industry	1		
	ANSC2252L	Intro to Livestock & Meat Eval	2		
	ANSC2781	Career Prep & Development	1		
	ANSC3133	An Brdng & Genetics	3	ANSC 1032, ANSC 1001L, MATH 1203	
	ANSC3143	Principles of An Nutrition	3	CHEM 1073, 1071L, OR CHEM 1123/1121L	
	ANSC3433	Fund Of Reproductive Phys	3	ANSC 1032, BIOL 1543	
6 hours from:	ANSC4252	Cow-Calf Management	2	ANSC 2252L	
	ANSC4262	Swine Production	2	CHEM 2613/2611L OR CHEM 3603/3601L	
	ANSC4272	Sheep Production	2	ANSC 2781	
	ANSC4283	Horse Production	3	BIOL 2013, BIOL 2011L	
	ANSC4452	Milk Production	2	ANSC 1051	
	ANSC4482	Companion Animal Management	2	ANSC 1041	
	ANSC4652	Stocker-Feedlot Management	2	ANSC 1051	
ANSC Electives					

13 hours from:	ANSC3003	Applied Animal Parasitology	3	
	ANSC3032	Animal Physiology I	2	CHEM 1123, CHEM 1073
	ANSC3042	Animal Physiology II	2	BIOL 1543, CHEM 1123, CHEM 1073
	ANSC3013	Parasitisms of Dom Non- Herbiv	3	
	ANSC3333	Diseases of Livestock	3	BIOL 1543
	ANSC3123	Principles of Genetics	3	BIOL 1543, MATH 1203 or higher
	ANSC3152/3151	Applied Animal Nutrition/Lab	4	ANSC 3143, MATH 1203
	ANSC3613	Meat Science	3	CHEM 2613, CHEM 3603
	ANSC4303	Veterinary Anatomy	3	Junior/Senior level
16 hours from discipline related electives:	AGEC1103	Prin of Agric Microeconomics (Sp, Fa)	3	MATH 1203
	AGEC2103	Prin of Agric Macroeconomics (Sp, Fa)	3	MATH 1203
	AGEC2303	Introduction to Agribusiness (Sp)	3	AGEC 1102, ECON 2023
	AGME2903	AHES Applic of Microcomputers (Sp, Fa)	3	
	ANSC2003	Introduction to Equine Industry (Sp)	3	
	ANSC2213	Behavior of Domestic Animals (Fa)	3	
	ANSC2304	Equine Behavior and Training (Fa)	4	Instructor Consent
	ANSC3282	Livestock Judging and Selection (Fa)	2	ANSC 1032, ANSC 2252L
	ANSC3291	Livestock Jr Judging Team Activity (Sp)	1	
	ANSC3723	Horse and Livestock Merchand (Fa)	3	
	ANSC3822	Equine Law (Odd years, Fa)	2	
	ANSC400V	Special Problems (Sp, Su, Fa) (1-6)	1 to 6	
	ANSC401V	Internship in An Sci (Sp Su, Fa) (1-6)	1 to 6	
	ANSC410V	Special Topics in An Sci (Irregular) (1-4)	1 to 6	
	ANSC4291	Livestock Sr Judging Team Activity (Fa)	1	
	BIOL1601L	Prin of Zoology Lab (Su, Fa)	1	BIOL 1603
	BIOL1603	Prin of Zoology (Su, Fa)	3	BIOL 1543, BIOL 1541L
	BIOL2531L	Cell Biology Laboratory (Sp, Fa)	1	BIOL 2533
	BIOL2533	Cell Biology (Sp, Fa)	3	BIOL 1543, BIOL 1541L
	CHEM1101L	Univ Chem I Laboratory (Su, Fa)	1	same as CHEM 1211L
	CHEM1103	University Chemistry I (Su, Fa)	3	MATH 1203 or higher
	CHEM1121L	Univ Chem Lab (Sp, Su, Fa)	1	Cor: CHEM 1123, drill
	CHEM1123	University Chemistry II (Sp, Su, Fa)	3	CHEM 1103, CHEM 1213, MATH 1203
				CHEM 1213, CHEM 1221L, CHEM 1123H, CHEM 1121M, CHEM 1223, CHEM 1221L, CHEM 1073, CHEM 1071L
	CHEM2263	Analytical Chemistry Lecture (Sp, Fa)	2	
	CHEM2261L	Analytical Chemistry Lab (Sp, Fa)	2	CHEM 2263
	CHEM3601L	Organic Chem I Lab (Su, Fa)	1	CHEM 3603
				CHEM 1123, CHEM 1121L, CHEM 1123H, CHEM 1121M, CHEM 1223, CHEM 1221L
	CHEM3603	Organic Chem I (Su, Fa)	3	
	CHEM3611L	Organic Chem II lab (Sp, Su)	1	CHEM 3613

