	I		I	Г	<del>                                     </del>
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	<u> </u>				
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	
		Fund of Chem/Lab	4	CHEM 1071L, CHEM 1073	
	or		_	, , ,	
	_			CHEM 1103, MATH 1203,	
	CHEM1123/1121	Univ Chem II/Lab	4	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	<u>3</u>		
		*One course from Humanities	<u>3</u>		
		*See attached UA University Core Course selection list			
		for qualifying courses.	Cuadit Have		
11.6.11:	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	<u>3</u>		
		*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					
	•	•			

Institutional Requirements	Course Number	Course Title	Credit Hours		
mistrational requirements	Course Number	<u>course ritte</u>	<u>create floars</u>		
N/A	N/A	N/A	N/A		
Total Credit Hours - Institutional Requirements: 0	1471	<u>  1977                                  </u>	1471		
	Course Number	Course Title	Credit Hours		
Prerequisite Courses Required for Degree Major		<u></u>	<u> </u>		
				BIOL 1543/1541L, CHEM	
				1073/1071L, CHEM 1103,	
				CHEM 1123/1121L, CHEM	
	BIOL2013/2111L	General Microbiology/Lab	<u>4</u>	1213/1211L	
				CHEM 1073, CHEM 1071L,	
				CHEM 1123, CHEM 1121L,	
				CHEM 1123H, CHEM 1121M,	
	CHEM2613/2611	Org Phys Chem/Lab		CHEM 1223, CHEM 1221L	
	2	<u></u>	<del>                                     </del>	J 1225) S.I.E.III 12212	
	Communicatio				
	ns Intensive				
	Course	6 hours from Bumper College Approved list (see attach	<u>6</u>		
Total Credit Hours - Required Prerequisites: 14					
Courses Required for Degree Major (51 credits)					
	Course Number	Course Title	Credit Hours	Prerequisite Course Number	Substitute Course Name
ANSC CORE (22 hours)	i e e e e e e e e e e e e e e e e e e e	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	<u>2</u>		
	ANSC2781	Career Prep & Development	<u>1</u>	ANSC 1032,ANSC 1001L, MATH	
	ANSC3133	An Brdng & Genetics	,	1203	
	ANSOS ISS	An bruing & Genetics	- 3	CHEM 1073, 1071L, OR CHEM	
	ANSC3143	Principles of An Nutrition		1123/1121L	
	ANSC3433	Fund Of Reproductive Phys		ANSC 1032, BIOL 1543	
		, , , , , , , , , , , , , , , , , , ,	<u> </u>	, , , , , , ,	
6 hours from:	ANSC4252	Cow-Calf Management	2	ANSC 2252L	
			<del>-</del>	CHEM 2613/2611L OR CHEM	
	ANSC4262	Swine Production	<u>2</u>	3603/3601L	
	ANSC4272	Sheep Production		ANSC 2781	
	ANSC4283	Horse Production		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		
<u> 13 110013 110111</u>	ANSC3032	Animal Physiology I	2	CHEM 1123, CHEM 1073	
	ANOCOUSE	Arimar i mysiology i	<u> </u>	BIOL 1543, CHEM 1123, CHEM	
	ANSC3042	Animal Physiology II	2	1073	
	ANSC3013	Parasitisms of Dom Non- Herbiv	3		
	ANSC3333	Diseases of Livestock	3	BIOL 1543	
			<del>-</del>	BIOL 1543, MATH 1203 or	
	ANSC3123	Principles of Genetics	3	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:		Prin of Agric Microeconomics (Sp. Fa)		MATH 1203	
	AGEC2103	Prin of Agric Macroeconomics (Sp, Fa)	3	MATH 1203	
	AGEC2303	Introduction to Agribusiness (Sp)	<u>3</u>	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)	<u>3</u>		
	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)	<u>3</u>		
	ANSC3822	Equine Law (Odd years, Fa)	2		
	ANSC400V	Special Problems (Sp, Su, Fa) (1-6)	<u>1 to 6</u>		
	ANSC401V	Internship in An Sci (Sp Su, Fa) (1-6)	<u>1 to 6</u>		
	ANSC410V	Special Topics in An Sci (Irregular) (1-4)	<u>1 to 6</u>		
	ANSC4291	Livestock Sr Judging Team Activity (Fa)	1		
	BIOL1601L	Prin of Zoology Lab (Su, Fa)	1	BIOL 1603	
	BIOL1603	Prin of Zoology (Su, Fa)	<u>3</u>	BIOL 1543, BIOL 1541L	
	BIOL2531L	Cell Biology Laboratory (Sp. Fa)	<u>1</u>	BIOL 2533	
	BIOL2533	Cell Biology (Sp, Fa)	3	BIOL 1543, BIOL 1541L	
	CHEM1101L	Univ Chem I Laboratory (Su, Fa)	<u>1</u>	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	
				CHEM 1103, CHEM 1213,	
	CHEM1123	University Chemistry II (Sp., Su, Fa)	3	MATH 1203	
				CHEM 1213, CHEM 1221L,	
				CHEM 1123H, CHEM 1121M.	
				CHEM 1223, CHEM 1221L,	
	CHEM2263	Analytical Chemistry Lecture (Sp. Fa)	2	CHEM 1073, CHEM 1071L	
	CHEM2261L	Analytical Chemistry Lab (Sp. Fa)	2	CHEM 2263	
	CHEM3601L	Organic Chem I Lab (Su, Fa)	1	CHEM 3603	
	5.1E.W.5001E	organio onomi reao (od, ra)	<u>'</u>	5.12/11 5005	
				CHEM 1123, CHEM 1121L,	
				CHEM 1123H, CHEM 1121M,	
	CHEM3603	Organic Chem I (Su, Fa)	3	CHEM 1223, CHEM 1221L	
	CHEM3611L	Organic Chem II lab (Sp. Su)	1	CHEM 3613	

	I	1	1	Г	Г
				CHEM 3603, CHEM 3601L,	
				CHEM 3603H, CHEM 3602M,	
	CHEM3613	Organic Chem II (Sp. Su)	ا ء	CHEM 3703, CHEM 3702L	
	CSES1203	Intro to Plant Sciences (Sp, Fa)	3	CHEW 3703, CHEW 3702E	
	CSES2013	Pest Management (Sp)	3		
	FDSC2503	Food Safety and Sanitation (Fa)	2		
	PHYS2011L		3	PHYS 2013	
	PH132011L	College Physics I Lab (Su, Fa)	<del>                                     </del>	MATH 1203, MATH 1213,	
	PHYS2013	College Physics I (Su, Fa)	,	MATH 1203, MATH 1213, MATH 1284, MATH 2554	
	PHYS2031L	College Physics II Laboratory (Sp, Fa)	1 1	PHYS 2033	
	PHYS2033	College Physics II (Sp. Su)	1 2	PHYS 2013	
	POSC2353	Poultry Prod and Management (Sp)		POSC 1012	
	†		_		
	POSC3554	Avian Anatomy (Sp)	4	BIOL 1543	
	WCOB1012	Legal Envir Business (Sp. Su, Fa)	<u>2</u>	COMM w/grada of C or battar	
	WCOB1023	Business Foundations (Sp, Su, Fa)	,	COMM w/grade of C or better, WCOB 1120	
	1		1 3	VVCOD 1120	
	WCOB1023	Business Foundations	<u>3</u>		
			1		
		Or any upper division course in AEED, AGEC, AGME,			
		AGST, BIOL, CHEM, CSES, FDSC, POSC, WCOB			
		AGS1, BIOL, CHEIVI, CSES, FDSC, POSC, WCOB	1		
			1		
Total Credit Hours - Degree Major: 51					
	Course Number	Course Title	Credit Hours		
Other Upper-Level Courses: Varies					
Elective choices are available to meet the 36 hour upper					
level requirement within the Bumpers College.					
			-		
Total Upper-Level Credit Hours Required for Degree: 36	<u>s minimum</u>				
(including upper-level major course credits)					
Directed Electives (Specified)			1		
(See ANSC electives and Discipline related elec-	<u>n/a</u>	<u>n/a</u>	<u>n/a</u>		
Total Credit Hours - Directed Electives (Specified): 0					
Total Credit Hours - Electives (Unspecified): 20					
Total Credit Hours Required for Degree: 120					
	<del></del>		1		