



## Specie Options-Must Choose One

Course & Credits	Term(s) Offered	Term Completed/Grade
<b>Dairy</b>		
AnSc 4403 Ruminant Nutrition (3)	S	
AnSc 4011 Dairy Cattle Breeding (3)	S	
AnSc 4604 Dairy Prod. Systems Mgmt. (4)	S	
AnSc 4614 Adv. Dairy Prod. Systems Mgmt. (2)	S	
<b>Beef</b>		
AnSc 2012 Livestock and Carcass Evaluation (3)	S	
AnSc 4403 Ruminant Nutrition (3)	S	
AnSc 4603 Beef Prod. Systems Mgmt. (4)	F	
AnSc 4613 Adv. Beef Prod. Systems Mgmt. (2)	F	
<b>Sheep</b>		
AnSc 2012 Livestock and Carcass Evaluation (3)	S	
AnSc 4403 Ruminant Nutrition (3)	S	
AnSc 4602 Sheep Prod. Systems Mgmt. (4)	S	
<b>Swine</b>		
AnSc 2012 Livestock and Carcass Evaluation (3)	S	
AnSc 4401 Swine Nutrition (3)	F	
AnSc 4601 Swine Prod. Systems Mgmt. (4)	S	
AnSc 4611 Adv. Swine Prod. Systems Mgmt. (2)	S	
<b>Equine</b>		
AnSc 2055 Horse Health Management (2)	F	
AnSc 3007 Equine Nutrition (3)	S	
AnSc 3052 Equine Anatomy & Exercise Physiology (3)	F	
VPM 3700 Equine Reprod. & Breeding Mgmt. (2)	S	
<b>Companion Animal</b>		
AnSc 1403 Comp. Animal Nutrition & Care (3)	S	
VCS 4600 Small Animal & Equine Behavior (3)	F	
VCS 4606 Small Animal Management (3)	S	
Additional 3 credit course determined in consultation with advisor based upon student goals/interests		
<b>Poultry</b>		
A minimum of 12 credits of coursework will need to be completed at the Midwest Poultry Consortium-see advisor for more information.		
<b>Individual Option (12 credits minimum)</b>		
Courses may be selected based upon student interest <i>in consultation</i> with the students' advisor. Final approval of plan will be made by the Animal Production Committee.		

## Liberal Education Requirements-University Wide

The following requirements are not automatically met by courses within the Production Emphasis in Animal Science. Students should consult the Class Schedule to find courses that satisfy the missing areas. Each course should be a minimum of three credits. It is allowed for one course to meet multiple areas.

Requirement	Course Title	Term Completed/Grade
Social Science (SSci)		
Other Humanities (OH)		
Literature (Lit)		
Historical Perspectives (HP)		
Environment (Envt) – Only needed if Equine, Companion or Individual Option		
Cultural Diversity (CD)		
International Perspective (IP)		
Citizenship & Public Ethics (C/PE)		
Writing Intensive (WI)-any level		
Writing Intensive (WI)-any level		

## Animal Science Elective Offerings

Please note that certain courses have prerequisites or require permission from the instructor prior to enrollment. Some courses are only taught every other semester listed. Please consult the online course guide or an advisor for the most updated list.

Course	Credits	Semester(s) Offered*	Title of Course
AnSc 1007	2	F	Horse in Your Backyard
AnSc 1011	3	F	Animals and Society
AnSc 1403	3	S	Companion Animal Nutrition & Care
AnSc 1511	3	F	Food Animal Products for Consumers
AnSc 2012	3	S	Livestock and Carcass Evaluation
AnSc 2055	2	F	Horse Health Management
AnSc 3007	3	S	Equine Nutrition
AnSc 3052	4	F	Equine Anatomy & Exercise Physiology
AnSc 3203W	3	S	Environ, Global Food Prod & Citizen
AnSc 3305	4	F	Repro Biology in Health & Disease
AnSc 3307	1	F, S	Artificial Insemination Techniques
AnSc 3501	3	S	Farm Animal Environment
AnSc 3509	3	S	Animal Biotechnology
AnSc 3511	3	S	Animal Growth and Development
AnSc 3521	3	F	Biotech. Appl. in Pharm. Res. & Development
AnSc 3609	2	F	Bus. Planning for Livestock Enterprises
AnSc 3801	3	S	Livestock Merchandising
AnSc 4011	3	S	Dairy Cattle Breeding
AnSc 4401	3	F	Swine Nutrition
AnSc 4403	3	S	Ruminant Nutrition
AnSc 4404	2	F	Applied Dairy Nutrition
AnSc 4601	4	S	Pork Production Systems Mgmt
AnSc 4602	4	S	Sheep Production Systems Mgmt
AnSc 4603	4	F	Beef Production Systems Mgmt
AnSc 4604	4	S	Dairy Production Systems Mgmt
AnSc 4611	2	S	Advanced Pork Prod Systems Mgmt
AnSc 4612	2	S	Tools for Dairy Consult. in the 21 <sup>st</sup> Century
AnSc 4613	2	F	Advanced Beef Prod Systems Mgmt
AnSc 4614	2	S	Advanced Dairy Prod Systems Mgmt
CFAN 1501	3	S	Biotechnology, People & the Environ
Ent 3281	4	F	Veterinary Entomology
VPM 3700	2	S	Equine Reproduction and Breeding Mgmt
VCS 4600	3	F	Small Animal and Equine Behavior
VCS 4606	3	S	Small Animal Management
Midwest Poultry Consortium Courses, Madison, WI	Varies (up to 18 available)	SS	Varies-see advisor for more information

\*F=Fall, S=Spring, SS=Summer

## Example Plan of Study Animal Science Production Emphasis

<b>Fall 1</b>			<b>Spring 1</b>		
		<b>Credits</b>			<b>Credits</b>
AnSc 1001	Orientation to Animal Science	1	AnSc 1101	Intro. to Animal Science	4
Math 1031	College Algebra & Probability	3	Chem 1015	General Principles of Chemistry	3
Writ 1301	University Writing (by placement)	4	and Chem 1017	General Chemistry Lab	1
<b>or</b>			ApEc 1101	Principles of Microeconomics	3
Writ 1401	University Writing (by placement)	4	Lib Ed or AnSc Emphasis Requirement		3-6
AnSc 1011	Animals & Society	3			<b>14-16</b>
Lib Ed or Emphasis Requirement		3-4			
		<b>14-15</b>			
<b>Fall 2</b>			<b>Spring 2</b>		
		<b>Credits</b>			<b>Credits</b>
Biol 1009	General Biology	4	AnSc 3011	Stats. for Animal Scientists	3
AnSc 1511	Food Animal Products for Consumers OR other elective/requirement	3	AnSc 2012	Livestock & Carcass Evaluation	3
AnSc 2401	Animal Nutrition	3	AnSc 3203W	Environmental, Global Food Production & the Citizen	3
Comm 1011	Introduction to Public Speaking	3	Lib Ed or AnSc		4-7
Lib Ed		3			<b>13-16</b>
		<b>16</b>			
<b>Fall 3</b>			<b>Spring 3</b>		
		<b>Credits</b>			<b>Credits</b>
AnSc 3301	Human & Animal Phy. Lec.	3	BioC 2011	Biochemistry for the Agricultural & Health Sciences	3
And AnSc 3302	Human & Animal Phys. Lab	1	WRIT 3562W	Technical and Professional Writing	4
AnSc 3221	Animal Breeding	4	Unfinished LibEd Requirements		3-6
AnSc 3609	Bus. Planning for Livestock Ent.	2	AnSc Electives		3-6
AnSc Electives (for fulfillment of elective &/or specie req.)		3-8			<b>13-16</b>
		<b>13-18</b>			
<b>Fall 4</b>			<b>Spring 4</b>		
		<b>Credits</b>			<b>Credits</b>
Unfinished Lib Ed			Unfinished Lib Ed		
AnSc Electives			AnSc Electives		
		<b>15</b>			<b>15</b>

**\*Internship: Students should be planning for internship(s) between their sophomore and/or junior year (AnSc 4609)**