

Master of Animal Science --- Distance Education Course Matrix
Department of Animal Science --- NC State University

	Course		Cr.	2015			2016			2017		
	Number	Title		Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall
Required:												
	ANS 601	Animal Science Seminar	1	X		X	X		X	X		X
	ST 511	Experimental Statistics for Biological Sciences I	3			X			X			X
One Biochemistry, Education, Economics or Business Core Course:												
	AEE 521	Program Planning in Agricultural Extension Education	3			X			X			X
	AEE 523	Adult Education in Agriculture	3	X			X			X		
	AEE 526	Information Technologies in Agricultural Extension Education	3	X			X			X		
	ANS/BCH 571	Nutritional Biochemistry (Regulation of Metabolism)	3			X						X
One Genetics:												
	ANS 540	Selection of Domestic Animals	3		X			X			X	
	ANS 575	Current Topics in Genomics and Proteomics	3		X			X			X	
One Nutrition:												
	ANS 550	Applied Ruminant Nutrition	3			X			X			X
	ANS 590	Applied Non-Ruminant Nutrition	3			X			X			X
	ANS/BCH 571	Nutritional Biochemistry (Regulation of Metabolism)	3			X						X
	NTR 500	Principles of Human Nutrition	3		X	X		X	X		X	X
One Physiology:												
	ANS 530	Advanced Applied Reproductive Physiology	3	X	X			X	X		X	X
	ANS 552	Advanced Reproductive Physiology & Biotechnology	3						X			
At least one other ANS (Departmental) Elective:												
	ANS 530	Advanced Applied Reproductive Physiology	3	X	X			X	X		X	X
	ANS 540	Selection of Domestic Animals	3		X			X			X	
	ANS 550	Applied Ruminant Nutrition	3			X			X			X
	ANS 552	Advanced Reproductive Physiology & Biotechnology	3						X			
	ANS 561	Equine Nutrition	3	X						X		
	ANS/BCH 571	Nutritional Biochemistry (Regulation of Metabolism)	3			X						X
	ANS 575	Current Topics in Genomics and Proteomics	3		X			X			X	
	ANS 590	Advanced Meat Science	3	X			X			X		
	ANS 590	Applied Non-Ruminant Nutrition	3			X			X			X
	Offered by institutions participating in AG*IDEA - Common tuition may apply											