ANSC Courses			Student Learning Outcomes									
		Focus	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
ANSC 200	Humans, Animals, Ag		IN	IN	IN		IN	IN	IN		IN	
ANSC 201	Principles/Practices		IN	IN	IN		IN	IN	IN		IN	
ANSC 244	Comparative Nutrition		RE	RE	RE	IN	RE	RE	RE	IN		IN
ANSC 301	Anatomy		MA	MA								
ANSC 301L	Anatomy Lab			MA								RE
ANSC 321	Applied Nutrition		MA	MA	MA	RE	RE	RE	RE	RE		RE
ANSC 350	Ethics and Issues						RE	RE	RE		MA	
ANSC 353	Horses			RE	RE							
ANSC 431	Beef	W		RE	MA		RE	RE			RE	
ANSC 432	Swine	O, W		RE	MA		MA	RE	RE			RE
ANSC 433	Dairy			RE	MA			RE				
ANSC 445	Genetics		MA	MA	MA					RE		RE
ANSC 446	Genes Biology		MA	MA		MA	RE			MA		
ANSC 450	Aquaculture			RE	MA							
ANSC 451	Physiology		MA	MA		MA		RE		MA		
ANSC 453	Diseases		MA	MA	MA			RE			RE	
ANSC 454	Meat/Muscle		MA	MA	MA	RE				MA		
ANSC 454L	Meat/Muscle Lab			MA	MA		RE					MA
ANSC 455	Companion Animals										RE	
ANSC 460	Shrimp/Prawns			RE	MA							
ANSC 462	Reproduction/AI	W	MA	MA	RE	MA	RE			MA		
ANSC 462L	Repro/AI Lab			MA	MA							MA
ANSC 465L	Aquaculture Lab				MA		RE					MA
ANSC 472	Endocrinology		MA	MA	RE	MA				MA		
ANSC 490	Aquaculture Business						RE	RE				
ANSC 491	Topics			RE						RE		
ANSC 492	Field Experience	W			MA		MA	MA	MA			
ANSC 499	Directed Research					MA				MA		MA

ANSC Student Learning Outcomes

1. Know and understand the basic principles of applied animal biology.
2. Understand the fundamental tenets of animal science disciplines including genetics, growth and development, meat science and muscle biology, comparative nutrition, feeds and feeding, anatomy, animal health and welfare, basic and environmental physiology, endocrinology and reproduction.
3.Apply this knowledge to the basic understanding and application of appropriate husbandry best practices to animals of economic value.
4.Read and be able to analyze scientific or technical papers critically.
5.Communicate clearly both orally and in writing.
6.Develop problem-solving skills for lifetime learning.
7.Understand the importance of practicing good citizenship in both personal and professional habits, including the ability to cooperate with others and team orientation.
8.Understand the scientific method and use of experiments to test hypotheses and as such experience the process of discovery.

9.Explore the relationship between applied animal biology and society, including contemporary ethical issues raised by animal research, animal welfare, the interactions of animals and humans, and the role and impact of animal agriculture and applied animal biology on the planet.
10. Recognize and use appropriate technologies, such as computer applications and laboratory methodologies.

IN = Introduce
RE = Reinforce
MA = Master