

ANIMAL SCIENCE - MASTER OF SCIENCE

First Year

Fall		Credits
ANSC 484	Ruminant Nutrition	3
ANSC 580	Environmental Physiology of Domestic Animals	3
ANSC Elective: Student chooses 3 credits of elective courses		3
ANSC 602	Advanced Reproductive Physiology	
ANSC 604	Hypothalamo-Hypophyseal-Pineal Endocrinology	
ANSC 605	Gonadal and Uterine Endocrinology	
ANSC 606	Endocrinology of Pregnancy, Parturition, and Lactation	
ANSC 621	Metabolic Functions and Dysfunctions	
Credits		9

Spring

ANSC 501	Advanced Animal Nutrition	3
ANSC 509	Endocrinology of Domestic Animals	3
ANSC Elective: Student chooses 3 credits of elective courses		3
ANSC 520	Advanced Nutritional Management I: Feedlot	
ANSC 521	Advanced Nutritional Management II: Cow Calf/Stocker	
ANSC 560	Rumen Microbiology	
Credits		9

Second Year

Fall		
ANSC 515	Graduate Seminar	1
ANSC 598	Special Research Programs	1-4
Choose 6 credits from elective list		6
ANSC 602	Advanced Reproductive Physiology	
ANSC 604	Hypothalamo-Hypophyseal-Pineal Endocrinology	
ANSC 605	Gonadal and Uterine Endocrinology	
ANSC 606	Endocrinology of Pregnancy, Parturition, and Lactation	
ANSC 621	Metabolic Functions and Dysfunctions	
Credits		8-11

Spring

ANSC 515	Graduate Seminar	1
ANSC 598	Special Research Programs	1-4
ANSC 512	Research Methods in Animal Science	4
Choose 1 of the following electives		3
ANSC 520	Advanced Nutritional Management I: Feedlot	
ANSC 521	Advanced Nutritional Management II: Cow Calf/Stocker	
ANSC 560	Rumen Microbiology	
Credits		9-12
Total Credits		35-41