ANIMAL SCIENCE

Learning outcomes:

(1) Students completing the graduate program in Animal Science will be able to analyze data, interpret results and prepare research reports.

(2) Gain admission into a doctoral or professional program at various institutions; and

(3) Apply knowledge and skills gained in administrative and professional positions in animal science and related industries.

COURSE REQUIREMENTS (THESIS OPTION*)

Core Courses (21 hrs.)		
AG 610	Thesis I	3 hrs.
AG 611	Thesis II	2 hrs.
AG 612	Thesis III	1 hr.
AS 523	Advanced Animal Nutrition	3 hrs.
AS 533	Advanced Physiology & Anatomy of Farm Animals	3 hrs.
AS 503	Meat Science	3 hrs.
AS 585	Advanced Physiology of Reproduction	3 hrs.
PS 595	Experimental Designs	3 hrs.
Approved Electives (12 hrs.)		
AS 564	Special Problems in Selected Topics	3 hrs.
AS 586	Endocrine Secretions	3 hrs.
BI 540	Molecular Genetics	3 hrs.
BI 507	Molecular and Cell Biology	3 hrs.
BT 570A	Biotechnology Techniques	3 hrs.
PS 537	Soil Conservation and Land Use	3 hrs.
PS 548	Soil Management	3 hrs.
PS 590	Advanced Research Techniques	3 hrs.
PS 603	Integrated Pest Management (IPM)	3 hrs.
CH 580	Advanced Biochemistry	3 hrs
	TOTAL	**33 hrs.**

*Students enrolled in this degree plan are required to complete a thesis under the supervision of a major advisor and master's committee; defend and submit bound copies of thesis to the office of graduate studies to be eligible for graduation.