1.2   Curriculum/Program of Study for MS Degree in Food and Animal Sciences

1.2.1   Program of Study for MS in Food and Animal Sciences

Core Courses: Thesis option 18 credit hours (crs) or non-thesis option 17 credit hours (crs)

AGSC 5060 – Statistics for Research	3 crs
AGSC 5110 – Research Methods	3 crs
AGSC 5120 – Thesis Writing	4 crs
OR	
AGSC 5350 – Independent Study of Contemporary Issues & Problems (For non-thesis option)	3 crs
AGSC 5150 – Livestock Production and Management	3 crs
AGSC 5540 – Food Policies and Regulation	3 crs
AGSC 5610, 5620 – Graduate Seminar in Agricultural Sciences I, II	1,1 cr

Elective Courses: 12 credit hours (crs) minimum with thesis or 18 credit hours (crs) minimum for non-thesis option

AGSC 5130 – Advanced Animal Nutrition	3 crs
AGSC 5140 – Contemporary Issues in Animal Science	3 crs
AGSC 5160 – Animal Genetics and Breeding	3 crs
AGSC 5170 – Advanced Poultry Production and Management	3 crs
AGSC 5280 – Advanced Poultry Nutrition and Biotechnology	3 crs
AGSC 5340 – Cell & Tissue Culture	3 crs
AGSC 5470 – Immunochemistry in Biotechnology	3 crs
AGSC 5440 – Animal Reproductive Physiology	3 crs
AGSC 5520 – Advanced Food Processing and Engineering	3 crs
AGSC 5550 – Food Safety and Sanitation	3 crs
AGSC 5560 – Food Product Development & Sensory Science	3 crs
AGSC 5590 – Advanced Technologies in Detection and Food Analysis	3 crs
AGSC 6010 – Gene Structure & Function	3 crs