

# ANIMAL SCIENCES, MASTER OF SCIENCE (M.S.)

**Thesis only:** 30 credits

Course	Title	Credits
Course requirements including:		24
Minimum of 6 credits in ANSC graduate courses chosen with advisor		
Course in Biometrics		
ANSC624	Recent Advances in Animal and Avian Sciences	
	or ANSC625 Developing Presentation Skills	
Research Ethics (training can be completed online for 0 credit)		
Additional graduate courses chosen with advisor		
<b>Thesis Research Requirement</b>		
ANSC799	Master's Thesis Research	6
<b>Total Credits</b>		<b>30</b>

Students are required to complete 24 credits of graduate level coursework with no less than 12 hours earned in courses related to the major subject selected from the ANSC research focus areas. A minimum of 6 credit hours must have an ANSC designation. The plan of study should include courses in Biochemistry, Biometrics, and a course in Research Ethics.

During the first semester, the student selects an Adviser and an Advisory Committee (AC) with the approval of the Program Graduate Education Committee. By the end of the second semester, with the AC's advice, students file a proposed schedule of courses (plan of study). Committees may require that students take remedial courses if they enter with inadequate prerequisites or deficiencies in undergraduate programs. Also, by the end of the second semester a thesis research proposal must be approved by the student's AC.

Course requirements comprise at least one semester of graduate level statistics (e.g., Biometrics, typically BIOM601), one credit of ANSC624 or ANSC625 and a course in Research Ethics. Additional credits of graduate coursework should result in a total of 24 credits, of which no more than 12 credits can be at the 400 level. Furthermore, a minimum of six hours of thesis research credit (ANSC799) is required. Towards the end of their graduate studies, students must present the results and conclusions of their research in a public seminar and successfully defend their written thesis in a final oral examination, which is given by the AC. A final copy of the thesis must be submitted to the Program Office. Students with adequate undergraduate training usually complete the master's degree within two years.