

Animal Sciences (MS)

M.S. in Animal Sciences Mission

The mission of the Animal Sciences Department is to provide our stakeholders with intellectual depth and tools required for self-sustained learning while emphasizing knowledge related to animal agriculture. We conduct research and make knowledge available through teaching and extension to assist food animal and horse enterprises to remain profitable and sustainable, and to provide consumers with economical, safe and wholesome food.

The Animal Sciences Department supports the missions of the college and university to serve the nation's and state's critical needs by contributing to a well-qualified and broadly diverse citizenry, leadership and workforce through graduate education and to expand our understanding of the natural world, the intellect and the senses through graduate student research.

2014-15 SLO 1: Knowledge

Identify, interpret, and discuss the principles of the animal sciences with a deeper mastery of a chosen specialization.

SLO Area (select one): Knowledge (Grad)

Assessment Method

- 1) Evaluation of the student's program of study and M.S. thesis (for M.S. Thesis option only) or assigned independent study project (for M.S. Non-Thesis option) by the supervisory committee and other faculty utilizing a rubric designed by faculty.
- 2) Evaluation of graduating student's performance in the Professional Animal Scientist exam by the Association of Professional Animal Scientists or publication of manuscripts from the student's original research in a peer-reviewed journal (for M.S. Thesis option only) or involvement of an external examiner in the student's thesis exam (for M.S. Thesis option only) or final exam (for M.S. Non-Thesis option only) utilizing a rubric designed by faculty.
- 3) Analysis of the student's annual evaluation by the supervisory committee utilizing a rubric designed by faculty with particular emphasis on performance in coursework and internal and external examinations.

2014-15 SLO 2: Knowledge

Apply scientific methods to problems in the animal sciences and develop new solutions to such problems.

SLO Area (select one): Knowledge (Grad)

Assessment Method

- 1) Evaluation of the solutions to assigned special problems and the student's M.S. thesis (for M.S. Thesis option only) or assigned independent study project (for M.S. Non-Thesis option only) by the supervisory committee and other faculty utilizing a rubric designed by faculty.
- 2) Analysis of the student's annual evaluation by the supervisory committee utilizing a rubric designed by faculty with particular emphasis on progress with research and thesis writing (for MS Thesis option only).

2014-15 SLO 3: Skills

Propose and deploy scientific methods to solve problems and generate new information.

SLO Area (select one): Skills (Grad)

Assessment Method

- 1) Successful completion of the MS thesis examination (for M.S. Thesis option) or an assigned independent study project (for M.S. Non-Thesis option) as judged by the supervisory committee utilizing a rubric designed by faculty.
- 2) Evaluation of the student's participation in a journal club or a course involving manuscript discussions by the supervisory committee and other faculty utilizing a rubric designed by faculty.
- 3) Analysis of the student's annual evaluation by the supervisory committee utilizing a rubric designed by faculty with particular emphasis on performance during final examinations.

2014-15 SLO 4: Professional Behavior

Display ethical conduct and interact with others with honesty, cultural sensitivity, and respect.

SLO Area (select one): Professional Behavior (Grad)

Assessment Method

- 1) Analysis of the student's annual evaluation by the supervisory committee utilizing a rubric designed by faculty with particular emphasis on display of professional behavior.
- 2) Adherence to the UF Honor Code

2014-15 SLO 5: Professional Behavior

Communicate effectively in professional situations.

SLO Area (select one): Professional Behavior (Grad)

Assessment Method

- 1) Evaluation of abstract(s) and at least one paper at a national/international professional scientific meeting (for M.S. Thesis option only) by the major advisor

utilizing a rubric designed by faculty.

2) Evaluation of a seminar presented during the Graduate Seminar course by the Graduate Seminar Coordinator, utilizing a rubric designed by faculty.

3) Analysis of the student's annual evaluation by the supervisory committee utilizing a rubric designed by faculty with particular emphasis on presentations at scientific meetings and seminars.

M.S. in Animal Sciences AAP Detail

Start: 7/1/2014

End: 6/30/2015

Progress: Ongoing

Providing Department: Animal Sciences (MS)

Responsible Roles: Dean (Turner, R)

Research (Graduate and Professional AAPs only)

All M.S. students are expected to choose supervisory committee members with their major adviser, develop a program of study with committee members, be conversant with the literature in their area of specialization, execute their research on schedule with integrity and diligence, statistically analyze data, interpret and synthesize findings to provide new knowledge, which should be presented at professional conferences and published in peer-reviewed journals. In addition, students are expected to maintain a GPA of 3.0 or greater and to graduate in two years at the most.

To achieve these goals, students will be expected to multi-task, display excellent interpersonal and time management skills, network with colleagues, professors and other scientists, and join appropriate professional organizations.

Assessment Timeline (Graduate and Professional AAPs only)

M.S. in Animal Sciences

College of Agricultural and Life Sciences

Assessment SLOs	Program of Study	Thesis or Project	Exam or Manuscript	Manuscript Discussion	Annual Evaluation	Paper Presentation	Seminar
Knowledge							
#1	X	X	X				
#2		X					
Skills							
#3			X	X			
Professional Behavior							
#4					X		
#5						X	X

Curriculum Map (UG AAPs only)

Assessment Cycle (All AAPs)

Assessment Cycle for:

M.S. in Animal Sciences

College of Agricultural and Life Sciences

Analysis and Interpretation:

June 2012

Program Modifications:

Completed by August 15, 2012

Dissemination:

Completed by January 31, 2013

Year	12-13	13-14	14-15	15-16
SLOs				
Content Knowledge				
#1	X	X	X	X
#2	X	X	X	X
Skills				
#3	X	X	X	X
Professional Behavior				
#4	X	X	X	X
#5	X	X	X	X

Methods and Procedures (UG and Certificate AAPs) & SLO Assessment Matrix (UG AAPs only)

SLO Assessment Rubric (All AAPs)

Figure 1: Animal Sciences Graduate Student Annual Evaluation Form

(5-16-2012 to 5-15-2013)

This form is for reporting the professional performance of graduate students during the previous year. Major advisers should complete page one after the student completes page two. Completed forms should be submitted to Joann Fischer.

Item	Score					
	1 (Low- est)	2	3	4	5 (High- est)	N/A
Proficiency in classroom academics						
Identifies, interprets and discusses principles of animal sciences (SLO 1)						
Employs scientific methods to devise solutions to problems in the animal sciences (SLO 2)						
Satisfactory progress being made on the writing of the thesis/dissertation						
Performs teaching responsibilities in a timely and competent manner						
Proposes and deploys scientific methods to solves problems and generate new information in thesis/dissertation research with minimal supervision (SLO 3)						
Completes other research responsibilities assigned by supervisor in a timely manner						
Complies with work schedule established by supervisor						
Adheres to departmental and University requirements regarding deadlines for submission of forms related to registration and academic progress						
Displays ethical conduct and interacts with others with honesty, cultural sensitivity and respect (SLO 5)						
Communicates effectively in professional situations (SLO 6)						
Overall work performance						

Supervisory Committee Chair _____ Chair's Signature _____ Date _____

Supervisory Committee Members _____ Member's Signatures _____ Date _____

Comments: (Additional comments should be made on the back of this form)

Print/Type Graduate Student's Name Here _____ UF ID# _____

Graduate Student's Signature _____ Date _____

The signature of the graduate student means that he/she has seen the evaluation not that he/she agrees with the evaluation.

1. Describe the following including the name, date and location as appropriate:
 - a. National/ international conference(s) you attended.

 - b. Grantsmanship workshop(s) you attended.

 - c. Journal club(s) you took part in.

 - d. Courses you taught (indicate if you were the instructor, TA or if you guest lectured).

2. List the following:
 - a. Manuscripts you published in peer-reviewed journals (indicate if you were the first author).

 - b. Papers (with abstracts) you presented at professional conferences (indicate if it was an oral or poster).

 - c. Grants you wrote (include the title and target funding agency)

 - d. Extension publications / presentations you made.

 - e. Professional examination you took (e.g. American Registry of Professional Animal Scientists Examination)

3. PhD students intending to graduate in the current academic session should state if they attended the following event or took the following courses during their program:
 - a. CALS Teaching Enhancement Symposium.
 - b. Took an ethics course.
 - c. Took the Supervised Teaching course (if yes, state number of credits awarded)
 - d. Took the Supervised Extension course (if yes, state number of credits awarded).

Measurement Tools (Graduate and Professional AAPs Only)

Thesis defense

Students' success rate at passing this examination will be determined once a year by the Graduate Programs Office.

Research proposal and Program of Study

Each student's supervisory committee will assess the quality and acceptability of the student's research proposal and monitor their progress with their program of study in their annual evaluation. Unsatisfactory performance will be reported to the Graduate Program's Office, which will collate the data on student proficiency in these areas

ANS 6971 Research for Master's thesis and ANS 6933 Graduate Seminar

Students' success rate in each of these courses will be determined once a year by the Graduate Programs Office by evaluating their grades.

Annual evaluation of performance

The annual evaluation instrument uses students' progress and proficiency in research and classroom academics, literature awareness, adherence to UF rules and regulations, and compliance with established work schedules to derive an overall work performance score ranging from 1 (highest) to 5 (lowest). These scores will be used to monitor student work performance by the Graduate Programs Office.

Other assessments

Students will submit information about oral and poster presentations at professional conferences, ARPAS exams passed, journal club involvement, journal articles published, and extension articles published as part of their annual evaluation. The Graduate Programs Office will use this data to estimate the percentage achievement of the relevant learning outcome from these metrics.

The information gathered on each of the above topics will be disseminated once a year to the faculty

Assessment Oversight (All AAPs)

Name	Department Affiliation	Email Address	Phone Number
Gbola Adesogan, Graduate Coordinator	Animal Sciences	adesogan@ufl.edu	(352) 392-7527
Joel Brendemuhl	Animal Sciences	brendj@ufl.edu	(352) 392-2186
Jose Santos	Animal Sciences	jepsantos@ufl.edu	(352) 392-1958
Lokenga Badinga	Animal Sciences	lbadinga.ufl.edu	(352) 392-1958
Peter Hansen	Animal Sciences	pjhansen@ufl.edu	(352) 392-5595

Academic Assessment Plan Entry Complete: