

# Assessment: Assessment Plan

## Degree Program - CASNR - Animal Science (MS)

**CIP Code:** 01.0901.00

**Degree Program Coordinator:** Jerrad Legako

**Degree Program Coordinator Email:** jerrad.legako@ttu.edu

**Program Purpose Statement:** The College of Agriculture and Science and Natural Resources is dedicated to providing programs of excellence in teaching, research and outreach. These educational programs are designed to prepare the student for the dynamic agricultural and renewable natural resources industry- an industry that encompasses five closely related segments: (1) producing agricultural products; (2) supplying agricultural chemical, feed, seed, and other production resources; (3) processing, storing, distributing, and other marketing functions for agricultural products; (4) planning and managing programs for renewable natural resources; and (5) providing technical assistance financing, services, education, research, and communications in all sectors of the food, feed, fiber, and natural resource complex.

**Modality:** Face-to-Face

### Student Learning Outcome: Comprehensive Understanding of Animal Science

Students will demonstrate a comprehensive understanding of animal science.

**Outcome Status:** Active

**Outcome Type:** Student Learning

**Start Date:** 08/24/2015

#### Assessment Methods

**Master's Comprehensive Exam** - Comprehensive Exam (Thesis and Non-thesis) (Active)

**Criterion:** At least 85% of graduating ANSC-MS students (thesis or non-thesis) will pass their final thesis defense or comprehensive final exam.

**Schedule:** Evaluated at the end of the summer semester annually

**Performance** - Coursework G.P.A. (Active)

**Criterion:** At least 90% of graduating ANSC students will have a 3.25 or higher Texas Tech University G.P.A. for their MS coursework.

**Schedule:** Evaluated annually after the summer semester

### Student Learning Outcome: Critical Thinking Skills

Students will develop critical thinking skills.

**Outcome Status:** Active

**Outcome Type:** Student Learning

**Start Date:** 08/24/2015

#### Assessment Methods

# Degree Program - CASNR - Animal Science (MS)

## Thesis - Thesis (MS thesis degree) (Active)

**Criterion:** At least 85% of students entering the MS thesis program will complete a thesis research project and thesis for MS thesis degree that is approved by their advisory committee.

**Schedule:** Evaluated annually after the summer semester

## Field Placement/Internship - Field Placement/Internship (MS Non-thesis) (Active)

**Criterion:** At least 85% of all students will receive a score of 1 (outstanding) or 2 (good) by their internship, research, or activity advisor in the areas of professionalism, leadership, work ethic, responsibility, communication skills, problem-solving, and teamwork.

**Schedule:** Evaluating every 3 years given the lower number of students in this option

## Student Learning Outcome: Experiential Learning

Students will engage in experiential learning activities and demonstrate skills to prepare them for future employment in industry or for further graduate education.

**Outcome Status:** Active

**Outcome Type:** Student Learning

**Start Date:** 08/24/2015

### Assessment Methods

#### Field Placement/Internship - Field Placement/Internship (MS Non-thesis) (Active)

**Criterion:** At least 85% of all students will receive a score of 1 (outstanding) or 2 (good) by their internship, research, or activity advisor in the areas of professionalism, leadership, work ethic, responsibility, communication skills, problem-solving, and team work.

**Schedule:** Evaluated annually in the fall semester

#### Performance - For MS Thesis students, manuscript submission and presentation at a scientific meeting. (Active)

**Criterion:** At least 75% of MS thesis students will present one presentation or poster at a regional or national scientific meeting and submit for publication a peer-reviewed manuscript as first or second author within one year of graduating.

**Schedule:** Evaluated annually in the fall semester

#### Survey - Student - Exit survey (Active)

**Criterion:** At least 85% of MS students have participated in at least two significant experiential learning activities during their college career exclusive of their internship, research project or thesis project.

**Schedule:** Evaluated annually after the summer semester