Program Assessment Report

Graduate Program

Department of Poultry Science M.S.

May 2017

A. The goal of the poultry science curriculum is to promote a fundamental understanding of poultry science across sub-disciplines, with an emphasis on the scientific basis underlying the poultry industry.

B. **Overall Expected Outcomes**

- Students will obtain a depth of information in one or more selected areas of poultry science or related disciplines including; poultry health, immunology, genetics, molecular biology, nutrition, parasitology, physiology, food safety/microbiology, poultry product technology, and poultry enterprise operations.

  1) Assessment Measure
  a. Every graduate committee is different and therefore the requirements and recommendations are as well.
  b. As a direct measure, students are expected to score a (C) or better on all attempted coursework.

  2) Acceptable and Ideal Targets
  a. It is expected that 75% of our students will complete their program without scoring lower than a (C) on any of their suggested coursework.

  3) Key Personnel
  a. The chair of the departmental graduate student committee (Dr. John Marcy) will be responsible for monitoring this outcome and preparing findings.

  4) Summary of Findings
  a. The percentage of students scoring below a (C) will be plotted against those above a (C). This data will be updated every semester and presented once a year in a departmental faculty meeting for interpretation and discussion.

  5) Recommendations
  a. Any recommendations will come about from the faculty discussion of the data at during the faculty meeting that the data is presented.

- Although M.S. graduates are not expected to function as independent researchers, they will be able to organize, analyze, communicate and apply technical information. Therefore, graduates will be able to communicate effectively in both oral and written form. The ability to communicate findings to a wide range of audiences is deemed essential.

  1) Assessment Measure
  a. Every graduate committee is different and therefore the requirements and recommendations are as well.
  b. Students are required to write a thesis for review from their graduate committee. The committee will score the written thesis using the attached rubric for evaluation of written work.

c. Students are required to participate in an oral defense of the thesis for review by their graduate committee. The committee will score the oral presentation using the attached rubric for evaluation of oral presentations.

2) **Acceptable and Ideal Targets**
   a. It is expected that 90% of all students successfully complete their written master's thesis and thesis defense.
   b. It is expected that 80% of thesis will meet expectations based on attached rubric for written thesis.
   c. It is expected that 80% of thesis defenses will meet expectations as defined by the attached rubric for thesis defense.

3) Key Personnel
   a. The chair of the departmental graduate student committee (Dr. John Marcy) will be responsible for summarizing these results and preparing findings.

4) Summary of Findings
   a. The percentage of students failing to complete the written and oral defense of the thesis will be plotted. Once enough data is accumulated it will be presented as a 3 year rolling mean This data will be updated once a year and presented in a departmental faculty meeting for interpretation and discussion.

5) Recommendations
   a. Any recommendations will come about from the faculty discussion of the data at during the faculty meeting that the data is presented.

- Masters students must complete an exit interview with the Poultry Science Department Head.

1) Assessment Measure
Indirect, subjective measure of student experience.

6) Acceptable and Ideal Targets
N/A

7) Key Personnel
The Department head (Dr. Michael Kidd) will be responsible for interviewing the Master's students.

8) Summary of Findings
General summary of student concerns and successes will be presented once a year at a faculty meeting. It is at this time that interpretation and discussion will occur.

9) Recommendations
Any recommendations will come about from the faculty discussion of the data at during the faculty meeting that the data is presented.