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.
A. The goal of the poultry science PhD 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. The PhD is generally a research degree that is not heavily weighted by additional course material.

1) Assessment Measure
   a. Every graduate committee is different and therefore the requirements and recommendations are as well.
   b. Students are required to take a qualifying exam that is for review by 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 qualifying exam for review by their graduate committee. The committee will score the oral qualifying exam using the attached rubric for evaluation of oral presentations

2) Acceptable and Ideal Targets
   a. It is expected that 80% of our students will complete their written qualifying exams with a score of meets expectations
   b. It is expected that 80% of our students will complete the oral portion of their qualifying exams with a score of meets expectations

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 failing to complete the written and oral qualifying exams 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
   i. Any recommendations will come about from the faculty discussion of the data at during the faculty meeting that the data is presented.

   • Although PhD 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 PhD committee is different and therefore the requirements and recommendations are as well.
   b. Students are required to write a dissertation 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 dissertation 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 dissertation and dissertation defense.
   b. It is expected that 80% of thesis will meet expectations based on attached rubric for written dissertation.
   c. It is expected that 80% of dissertation defenses will meet expectations as defined by the attached rubric for dissertation 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.
• PhD students must complete an exit interview with the Poultry Science Department Head.

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

2) **Acceptable and Ideal Targets**
N/A

3) **Key Personnel**
The Department head (Dr. Michael Kidd) will be responsible for interviewing the PhD students.

4) **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.

5) **Recommendations**
Any recommendations will come about from the faculty discussion of the data at during the faculty meeting that the data is presented.
<table>
<thead>
<tr>
<th>Attribute for ORAL</th>
<th>Does Not Meet Expectations</th>
<th>Meets Expectations</th>
<th>Exceeds Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall quality of presentation</td>
<td>__Poorly organized</td>
<td>___Clearly organized</td>
<td>___Well organized</td>
</tr>
<tr>
<td></td>
<td>__Poor presentation</td>
<td>___Clear presentation</td>
<td>___Professional presentation</td>
</tr>
<tr>
<td></td>
<td>__Poor communication skills</td>
<td>___Good communication skills</td>
<td>___Excellent communication skills</td>
</tr>
<tr>
<td></td>
<td>__Slides and handouts difficult to read</td>
<td>___Slides and handouts clear</td>
<td>___Slides and handouts outstanding</td>
</tr>
<tr>
<td>Overall breadth of knowledge</td>
<td>__Presentation unacceptable</td>
<td>___Presentation acceptable</td>
<td>___Presentation superior</td>
</tr>
<tr>
<td></td>
<td>__Presentation reveals critical weakness in depth of knowledge in subject matter</td>
<td>___Presentation reveals some depth of knowledge in subject matter</td>
<td>___Presentation reveals exceptional depth of subject knowledge</td>
</tr>
<tr>
<td></td>
<td>__Presentation does not reflect well developed critical thinking skills</td>
<td>___Presentation reveals above average critical thinking skills</td>
<td>___Presentation reveals well developed critical thinking skills</td>
</tr>
<tr>
<td></td>
<td>__Presentation is narrow in scope</td>
<td>___Presentation reveals the draw from knowledge in several disciplines</td>
<td>___Presentation reveals the ability to interconnect and extend knowledge from multiple disciplines</td>
</tr>
<tr>
<td></td>
<td>__No application to Poultry Science</td>
<td>___Application to Poultry Science evident</td>
<td>___Presentation shows clear application to Poultry Science</td>
</tr>
<tr>
<td>Quality of response to questions</td>
<td>__Responses are incomplete or required prompting</td>
<td>___Responses are complete</td>
<td>___Responses are eloquent</td>
</tr>
<tr>
<td></td>
<td>__Arguments are poorly presented</td>
<td>___Arguments are well organized</td>
<td>___Arguments are skillfully presented</td>
</tr>
<tr>
<td></td>
<td>__Respondent exhibits lack of knowledge in subject area</td>
<td>___Respondent exhibits adequate knowledge in subject area</td>
<td>___Respondent exhibits superior knowledge in subject area</td>
</tr>
<tr>
<td></td>
<td>__Responses do not meet level expected of degree program of graduate (MS or PhD)</td>
<td>___Responses meet level expected of degree program of graduate (MS or PhD)</td>
<td>___Responses exceed level expected of degree program of graduate (MS or PhD)</td>
</tr>
<tr>
<td></td>
<td>__Student does not realize the connection of research to poultry science</td>
<td>___Student adequately connects research to poultry science</td>
<td>___Student is able to discuss in depth the connection of thesis research to poultry science</td>
</tr>
<tr>
<td>Overall assessment</td>
<td>__Does not meet expectations</td>
<td>___Meets Expectations</td>
<td>___Exceeds Expectations</td>
</tr>
</tbody>
</table>

Confidential Comments:
Student’s Graduate Program:

Thesis/Dissertation Written Material ______________________________________

Rubric – Completed by: ________________________________ Date: ________________

(To be completed by each committee member & reader. Please check each evaluation criteria that you feel are appropriate within each attribute category)

<table>
<thead>
<tr>
<th>Attribute for WRITTEN</th>
<th>Does Not Meet Expectations</th>
<th>Meets Expectations</th>
<th>Exceeds Expectations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall quality of science</td>
<td>Arguments are incorrect, incoherent, or flawed, __Objectives are poorly defined, __Demonstrated rudimentary critical thinking skills, __Does not reflect understanding of subject matter and associated literature, __Demonstrates poor understanding of theoretical, __Demonstrates limited originality, __Displays limited creativity and insight</td>
<td>Arguments are coherent and clear, __Objectives are clear, __Demonstrates average critical thinking skills, __Reflects understanding of theoretical concepts, __Demonstrates understanding of theoretical concepts, __Demonstrates originality, __Displays creativity and insight</td>
<td>Arguments are superior, __Objectives are well defined, __Exhibits mature, critical thinking skills, __Exhibits mastery of subject matter and associated literature, __Demonstrates mastery of theoretical concepts, __Demonstrates exceptional originality, __Displays exceptional creativity and insight</td>
</tr>
<tr>
<td>Contribution to discipline</td>
<td>Limited evidence of discovery, __Limited expansion upon previous research, __Limited theoretical or applied significance, __Limited publication impact</td>
<td>Some evidence of discovery, __Builds upon previous research, __Reasonable theoretical or applied significance, __Reasonable publication impact</td>
<td>Exceptional evidence of discovery, __Greatly extends previous research, __Exceptional theoretical or applied significance, __Exceptional publication impact</td>
</tr>
<tr>
<td>Experimental design implementation and interpretation</td>
<td>Duplication of previous work, __Design/approach not appropriate, __Data interpretation is inappropriate and/or uses incorrect methodology; __Identifies no weakness in interpretation, __Demonstrates a lack of ability to articulate a critical response in one’s own work or that of other research in the field</td>
<td>Design/approach moderately appropriate or innovative, __Data interpretation is appropriate and uses limited number of correct methodology; __Identifies some weaknesses in interpretation, __Demonstrates a limited ability to articulate a critical response in one’s own work or that of other research in the field</td>
<td>Design/approach appropriate of innovative, __Data interpretation is appropriate and creatively uses correct methodology; __Identifies weaknesses in interpretation, __Demonstrates an advanced ability to articulate a critical response to one’s own work or that of other research in the field</td>
</tr>
<tr>
<td>Quality of writing</td>
<td>Writing is weak, __Numerous grammatical and spelling errors, __Organization is poor, __Documentation is poor</td>
<td>Writing is adequate, __Some grammatical and spelling errors apparent, __Organization is logical, __Documentation is adequate</td>
<td>Writing is publication quality, __No grammatical or spelling errors apparent, __Organization is excellent, __Documentation is excellent</td>
</tr>
<tr>
<td>Overall assessment</td>
<td>Does not meet expectations</td>
<td>Meets Expectations</td>
<td>Exceeds Expectations</td>
</tr>
</tbody>
</table>

Confidential Comments: