**Scoring Guide (Rubric) for Graduate Student Learning Outcome Assessment**

**Ph.D. COMPREHENSIVE EXAMS, Food Science**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| --- | --- | --- | --- |
| **Evaluation/Guidance** | **Does not meet expectations** | **Partly meets****expectations** | **Meets****expectations** |
| **Written Exam (Varies by examiner)** |  |  |  |
| 1. Overall quality of responses |  |  |  |
| 2. Overall breadth and depth of knowledge |  |  |  |
| 3. Quality of writing  |  |  |  |
|  |  |  |  |
| **Oral Exam** |  |  |  |
| 1. Articulates strong fundamental knowledge in food science and technology: |   |  |  |
| * Microbiology (quality and safety)
 |  |  |  |
| * Chemistry
 |  |  |  |
| * Processing
 |  |  |  |
| * Product development
 |  |  |  |
| * Sensory
 |  |  |  |
| 2. Articulates practical working knowledge in food science and technology (e.g., food safety; industry practices; HACCP, product development) and areas related to student’s program of study/research focus.  |  |  |  |
| 3. Articulates specific knowledge of within program area |  |  |  |
| 4. Analyzes, interprets, and evaluates research in food science and technology. |  |  |  |
| 5. Plans, organizes and conducts research and interprets results using methods and techniques relevant to student’s area of interest. |  |  |  |
| 6. Synthesizes information creatively and comprehensively |  |  |  |

**Overall Assessment:** The assessment of the overall performance of the candidate based on the evidence provided in the items above (use space below and reverse side for any comments or recommendations).

|  |  |
| --- | --- |
| **Evaluation** | **PERFORMANCE RATINGS for COMPREHENSIVE EXAMS** |
| **OVERALL, my rating of the comprehensive exams indicates that the student:** | ***Does NOT PASS Exam*** | ***PASSES Exam*** |
| **Does not meet expectations** | **Meets expectations** | **Exceeds expectations** |
|  |  |  |

Name of the Committee Chair: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Committee Chair: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Signature of Graduate Coordinator: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_