

TABLE 1. PROGRAM ASSESSMENT OF GRADUATE STUDENT WORK AND COMPLEMENTARY MEASURES OF INSTRUCTION & LEARNING

I. Direct measures of student performance

LEARNING OUTCOME	DATA SOURCE	METHOD(S) OF ASSESSMENT	COLLECTED	EXPECTATIONS
Knowledge of field	Performance in courses	GPA in coursework	Annually	GPA of 3.0 (B) or above
Knowledge of field; Communication	PhD oral preliminary exams	Advisory committee will assess performance using rubric (Appendix 1)	At each preliminary examination	Minimum 5.0 for Ph.D on rubric dimensions
Knowledge of field; Communication	Teaching performance	Teaching evaluation	Each semester	
Knowledge of field; Scientific reasoning; Communication	Final research seminar (Crops 501 or Soils 501).	Faculty/ARS, staff, and students present at seminar will assess performance using rubric (Appendix 1).	Each semester	Minimum of 4.0 for M.S. and 5.0 for Ph.D. on rubric dimensions. Minimum of 3.0 (B) in seminar class
Knowledge of field; Scientific reasoning; Communication; Original contribution	Final thesis or dissertation defense	Advisory committee will assess performance using rubric (Appendix 1)	At each defense	Minimum of 4.0 for M.S and 5.0 for Ph.D. on rubric dimensions
Knowledge of field; Scientific reasoning; Communication; Original contribution	Peer reviewed research publications by students	Reviewed by experts in their field for publication in the journal	Annually	Minimum of 1 publication for M.S. and 2 publications for Ph.D.
Knowledge of field; Scientific reasoning; Communication; Original contribution	Secured research grant(s) co-authored by students	Grant recipients chosen by experts in their field	Annually	Secured a minimum of 1 grant for Ph.D.

II. Complementary measures and related activities to align with program goals.

OTHER ASSESSMENT ACTIVITIES	COLLECTED
1. Student exit survey (Appendix 2)	Each semester
2. Course evaluations (Appendix 3)	Each semester
3. Peer evaluation of faculty instructors (Appendix 4)	Ongoing
4. Student development workshops in teaching and learning	Ongoing
5. Faculty development workshop in teaching and learning	Ongoing
6. Number of student research presentations at professional meetings	Annually
7. Student awards, fellowships, and scholarships	Annually
8. Student placement data	Ongoing