

**Minor in Plant Pathology
Assessment of Student Learning Plan
Kansas State University**

A. College, Department, and Date

College: *College of Agriculture*
 Department: *Plant Pathology*
 Date: *August/September, 2009*

B. Contact Person(s) for the Assessment Plans

Christopher R. Little, Plant Pathology Minor Coordinator

C. Degree Program

Plant Pathology, Minor

D. Assessment of Student Learning Three-Year Plan

1. Student Learning Outcome(s)

a. List (or attach a list) all of the student learning outcomes for the program.

*A1. Students who earn the plant pathology minor will **possess a basic understanding** of plant diseases, their causes, effects, and control.*

*A2. Students who earn the plant pathology minor will **integrate** plant pathology principles into the understanding of their major discipline(s) through the study of agronomic diseases, horticultural diseases, turf diseases, entomology, applied microbiology, biotechnology and other relevant career fields.*

b. Identify outcomes that will be assessed in the first three years of the plan. A1, A2

Special rationale for selecting these learning outcomes (optional):

na

Relationship to K-State Student Learning Outcomes (insert the program SLOs and check all that apply):

Program SLOs	University-wide SLOs (Undergraduate Programs)					Program SLO is conceptually different from university SLOs
	Knowledge	Critical Thinking	Communication	Diversity	Academic / Professional Integrity	
1. A1	X	X	?	?	?	No
2. A2	X	X	?	?	?	No
3.						
4.						
5.						

2. How will the learning outcomes be assessed? What groups will be included in the assessment?

A1. Students who earn the plant pathology minor should **possess a basic understanding** of plant diseases, their causes, effects, and control. *This SLO will be assessed using a DIRECT measure. In this case, a pre- and post-test covering critical knowledge areas will be administered at the start of PLPTH 500 course and at the completion of the minor capstone courses (PLPTH 585 Crop Diseases and PLPTH 590 Landscape/Turf Diseases), respectively.*

A2. Students who earn the plant pathology minor should **integrate** plant pathology principles into the understanding of their major discipline(s) through the study of agronomic diseases, horticultural diseases, turf diseases, entomology, applied microbiology, biotechnology and other relevant career fields. *This SLO will be assessed using an INDIRECT measure. In this case, an exit interview will be conducted with graduating seniors earning the Plant Pathology minor. In this interview, students will be asked a standard set of questions where they will relate the experiential aspects of their degree programs and how they have (and expect) to integrate and apply plant pathology principles.*

3. When will these outcomes be assessed? When and in what format will the results of the assessment be discussed?

Assessment (SLO)	Mechanism	Timeline
Direct Assessment (A1)	Pre-test (PLPTH 500)	Starting spring 2010.
Direct Assessment (A1)	Post-test (PLPTH 585 or 590)	Every fall and spring.
Indirect Assessment (A2)	Exit Interview	As students matriculate.

*Results will be discussed by faculty members of the Adhoc Teaching Committee.

4. What is the unit’s process for using assessment results to improve student learning?

*Flowchart and feedback diagram for assessing plant pathology minor students:

