

# **Certificate Assessment Plan: Plant Pest Risk Assessment and Management 2013-2014**

**Institutional Assessment  
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*Office of the Provost  
University of Florida  
Institutional Assessment  
Continuous Quality  
Enhancement Series*

Plant Pest Risk  
Assessment

College of Agricultural  
and Life Sciences

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# Plant Pest Risk Assessment and Management

## College of Agricultural and Life Sciences

### *2013-14 Certificate Assessment Plan*

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#### **A. Rationale**

The mobility of plant pests and plant diseases poses significant risks to world food and fiber production. The movement of pests and diseases can best be managed when the potential risks of relocation and the potential impact are understood. This certificate program equips individuals, especially those in the Doctor of Plant Medicine Program, to work in the regulatory sector on management of plant pests and disease risk.

#### **B. Mission**

The Plant Pest Risk Assessment and Management graduate certificate program supports the missions of the college and university to serve the nation's and state's critical needs by contributing to a well-qualified and broadly diverse citizenry, leadership and workforce.

#### **C. Student Learning Outcomes (SLOs)**

1. Identify invasive pests and describe their biology and the diseases they cause
2. Develop management options for invasive pests and diseases and methods to reduce invasiveness
3. Describe risk assessment methodology
4. Assimilate technical information related to invasive pests and diseases
5. Conduct risk assessments using standard methodologies
6. Communicate pest-related hazards and impact on agriculture and natural resources

## D. Assessment Timeline for Certificates

Plant Pest Risk Assessment and Management College of Agricultural and Life Sciences

Assessments SLOs	Pre- completion Exam
#1	X
#2	X
#3	X
#4	X
#5	X
#6	X

## E. Assessment Cycle Chart for Certificates

Plant Pest Risk Assessment and Management College of Agricultural and Life Sciences

Analysis and Interpretation:

May – June annually

Improvement Actions:

Completed by August 1 of each year

Dissemination:

Completed by September 1 of each year

SLOs	Year	13-14	14-15	15-16	16-17
#1		X	X	X	X
#2		X	X	X	X
#3		X	X	X	X
#4		X	X	X	X
#5		X	X	X	X

## F. Methods and Procedures

The Student Learning Outcomes will be assessed through a mandatory pre-completion exam that covers all subject matter described above. Questions will be randomly selected from a faculty-generated test bank and scored by faculty who teach in this program using a faculty-generated rubric. This exam will be scored for SLO purposes only (see scores below), and will not affect the student's academic standing.

85-100% outstanding

75- 84% above average

70-74% satisfactory

65-69% marginal

Below 65 % unsatisfactory

## G. Assessment Oversight

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