

# **Certificate Assessment Plan: Medical Entomology (Graduate) 2012-2013**

**Institutional Assessment  
Timothy S. Brophy, Director**

*Office of the Provost*

*University of Florida*

*Institutional Assessment*

*Continuous Quality*

*Enhancement Series*

Medical Entomology

College of Agricultural  
and Life Sciences

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# Medical Entomology

## College of Agricultural and Life Sciences

### *2012-13 Certificate Assessment Plan*

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#### **A. Rationale**

This program provides place-bound working professionals in the public health and mosquito control fields with opportunity to gain relevant information, and to document their educational achievements.

#### **B. Mission**

The Medical Entomology 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 biting arthropods and describe their biology
2. Discuss biology of mosquitoes and arthropod-borne diseases
3. Develop management options for mosquitoes and the diseases they vector
4. Assimilate technical information related to vector ecology and management
5. Communicate arthropod-related hazards and benefits related to humans, wildlife and other environmental factors, and economics

## D. Assessment Timeline for Certificates

Medical Entomology

College of Agricultural and Life Sciences

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

## E. Assessment Cycle Chart for Certificates

Medical Entomology

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	12-13	13-14	14-15	15-16
#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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