

New SLO/Academic Assessment Plan Submission Form

Check one:

- New Certificate Academic Assessment Plan
- New Undergraduate Academic Assessment Plan
- New Graduate Academic Assessment Plan
- New Professional Academic Assessment Plan
- New Student Learning Outcome (SLO)

Major: Agronomy

College: CALS

Effective term and year of implementation: Term: Spring Year: 2015

IMPORTANT: If you are submitting an **Academic Assessment Plan**, please enter your plan into Compliance Assist, and then submit this form to the approvals submission site. Once we receive this form, we will download the plan for committee review. You do not need to restate the SLOs on this form because the SLOs are in the Plan. Instead, skip items 1-5 and go directly to items 7 and 8, the Department and College Contact Sections.

If you are submitting one or more new **Student Learning Outcomes (SLOs)**, please complete items 1 through 6.

1. Include the new SLO here:

2. Indicate the areas of the SLOs:

Undergraduate: Content Critical Thinking Communication

Graduate: Knowledge Skills Professional Behavior

3. What types of assessments will be used?

- Course-related Exam Capstone
- Final Paper/Project/Presentation Course Grades
- Course Assessments/Assignments Standardized Exam
- Other – please describe here

4. What assessment methods will be used?

- Rubric
- Single Faculty Member

Other:

5. Who applies the method?

Faculty Committee

Single Faculty Member

6. Describe the individual student assessments and the assessment method that will be used to measure each SLO.

7. Department Contact

Name: Dr. Diane Rowland

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8. College Contact

Name: Dr. Joel Brendemuhl

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University of Florida

Academic Affairs

Academic Colleges

College of Agricultural & Life Sciences

Certificates

Sustainable Agroecosystems

Sustainable Agroecosystems Graduate Certificate Mission Statement

The Sustainable Agroecosystems 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. Successful completion of this certificate will give the students a diverse, interdisciplinary background that emphasizes sustainability, resource management, valuation of ecosystem services, system productivity, and profitability.

Responsible Roles: Associate Dean (Brendemuhl, Joel)

Program: Sustainable Agroecosystems

Progress: Ongoing

2015-16 PG 1: Student Enrollment

Based on the market and similar programs, the goal of the Sustainable Agroecosystems Certificate is to enroll 12 students in the first year of the program.

Evaluation Method

Evaluate the number of students enrolled in the certificate in Spring and Fall 2015.

Responsible Role: Associate Dean (Brendemuhl, Joel)

Progress: Ongoing

2015-16 SLO 1: Interactions of Production Agriculture and the Natural Environment

Describe and analyze the interactions of production agriculture and the natural environment.

SLO Area (select one): Knowledge (Grad)

Responsible Role: Associate Dean (Brendemuhl, Joel)

Progress: Ongoing

Assessment Method

Assessment of SLOs will be done using a competency exam upon completion of the required number of course credits.

2015-16 SLO 2: Identify Elements of Sustainable Agriculture

Capable of identifying elements of a sustainable agricultural system, and implementing concepts of plant production for conservation of water, soil, and inputs.

SLO Area (select one): Knowledge (Grad)

Responsible Role: Associate Dean (Brendemuhl, Joel)

Progress: Ongoing

Assessment Method

Assessment of SLOs will be done using a competency exam upon completion of the required number of course credits.

2015-16 SLO 3: Global Issues

Understand current global issues related to agriculture and production systems.

SLO Area (select one): Knowledge (Grad)
Responsible Role: Associate Dean (Brendemuhl, Joel)
Progress: Ongoing

Assessment Method

Assessment of SLOs will be done using a competency exam upon completion of the required number of course credits.

2015-16 SLO 4: Skills for Profession in Agricultural Sciences

Gain valuable skills for a future profession in the agricultural sciences.

SLO Area (select one): Skills (Grad)
Responsible Role: Associate Dean (Brendemuhl, Joel)
Progress: Ongoing

Assessment Method

Assessment of SLOs will be done using a competency exam upon completion of the required number of course credits.

Sustainable Agroecosystems Graduate Certificate AAP Detail

Start: 7/1/2015
End: 6/30/2016
Progress: Ongoing
Providing Department: Sustainable Agroecosystems
Responsible Roles: Associate Dean (Brendemuhl, Joel)

Research (Graduate and Professional AAPs only)

Assessment Timeline (Graduate and Professional AAPs only)

Sustainable Agroecosystems College of Agricultural and Life Sciences

Assessment of SLOs will be done using a competency exam upon completion of the required number of course credits.

Courses	Competency
SLOs	Exam
	X
#1	
#2	X
#3	X
#4	X

Curriculum Map (UG AAPs only)

Assessment Cycle (All AAPs)

Sustainable Agroecosystems

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

Year15-16	
SLOs	
#1	X
#2	X
#3	X
#4	x

Methods and Procedures (UG and Certificate AAPs)

Instructors of core courses in the certificate program will submit a minimum of 10 questions each that will test student's achievement of the Student Learning Outcomes associated with these courses. These questions will be compiled into a single on-line examination. Students will be required to score a minimum of 75% correct to pass the exam, which is required to receive the certificate. The exam may be taken multiple times if necessary.

SLO Assessment Rubric (All AAPs)

Measurement Tools (Graduate and Professional AAPs Only)

Assessment Oversight (All AAPs)

Name	Department Affiliation	Email Address	Phone Number
Diane Rowland	Agronomy	drowland@ufl.edu	352-294-1587
Lynn Sollenberger, Graduate Coordinator	Agronomy	lesollen@ufl.edu	352-273-3420
Robert Gilbert, Chair	Agronomy	ragilber@ufl.edu	352-294-1583
Wes Wood, Center Director	Soil & Water Science	woodwes@ufl.edu	850-983-7126

Academic Assessment Plan Entry Complete: