

University of Florida

Academic Affairs

Academic Colleges

College of Agricultural & Life Sciences

Certificates

Global Agroecology (G)

Global Agroecology Certificate Mission Statement

There is a high demand in the job market for persons with formal international experience in global farming systems and agroecological practices for sustainable food production. This program will provide the students an international exposure in meeting the challenges of food and farming systems with agroecological approaches through a diverse, interdisciplinary curriculum emphasizing sustainability, resource management, crop eco-physiology, environmental nutrient and water management, system productivity, and profitability.

Responsible Roles: Associate Dean (Brendemuhl, Joel)

Program: Global Agroecology (G)

Progress: Ongoing

PG 1: Student Enrollment

The goal of the program is to have 12 students enrolled in the first year the certificate is offered

Evaluation Method

Will evaluate actual enrollment at the end of the first complete year (anticipated Fall 2016).

Responsible Role:

Progress: Ongoing

PG 2: International Engagement

To engage students in a real-world international experience that incorporates diverse international agricultural productions systems.

Evaluation Method

100% of the students will engage in an international experience at a partner institution.

Responsible Role: Associate Dean (Brendemuhl, Joel)

Progress: Ongoing

SLO 1: Global Perspective for Sustainable Agricultural System

Students will identify, describe, explain and apply a global perspective of major challenges and solutions for a sustainable agricultural system.

SLO Area (select one): Knowledge (Grad)

Responsible Role: Associate Dean (Brendemuhl, Joel)

Progress: Ongoing

Assessment Method

Students will complete an on-line examination covering the content of the core courses in the certificate program. A minimum of 10 questions from each core course will be presented to students to test their competency. A minimum score of 75% correct is needed to pass the exam which is required to receive the certificate.

Students will also present a summary of their experience and activities at the international partner institution to the certificate committee. Students must achieve a 70% on a faculty developed rubric to pass this assessment.

SLO 2: Apply Agroecological Practices

Students will apply agroecological practices for positive sustainable outcomes.

SLO Area (select one): Skills (Grad)

Responsible Role: Associate Dean (Brendemuhl, Joel)

Progress: Ongoing

Assessment Method

Students will complete an on-line examination covering the content of the core courses in the certificate program. A minimum of 10 questions from each core course will be presented to students to test their competency. A minimum score of 75% correct is needed to pass the exam which is required to receive the certificate.

SLO 3: Skills for Profession in Agricultural Sciences

Students will apply relevant professional skills learned to determine sustainable practices in global agroecosystems.

SLO Area (select one): Skills (Grad)

Responsible Role: Associate Dean (Brendemuhl, Joel)

Progress: Ongoing

Assessment Method

Students will complete an on-line examination covering the content of the core courses in the certificate program. A minimum of 10 questions from each core course will be presented to students to test their competency. A minimum score of 75% correct is needed to pass the exam which is required to receive the certificate.

Global Agroecology Graduate Certificate AAP Detail

Start: 7/1/2016

End: 6/30/2017

Progress: Ongoing

Providing Department: Global Agroecology (G)

Responsible Roles: Associate Dean (Brendemuhl, Joel)

Research (Graduate and Professional AAPs only)

Assessment Timeline (Graduate and Professional AAPs only)

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Assessment of SLOs will be done using an online competency exam covering the content of the core courses in the certificate program.

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

Curriculum Map (UG AAPs only)

Assessment Cycle (All AAPs)

Global Agroecology

College of Agricultural and Life Sciences

Assessment Cycle

Analysis and Interpretation:

From: May to June annually

Improvement Actions:

Completed by August 1 of each year

Dissemination:

Completed by September 1 of each year

SLOs	Year	16-17	17-18	18-19	19-20	20-21	21-22
#1		X	X	X	X	X	X
#2		X	X	X	X	X	X
#3		X	X	X	X	X	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
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Wes Wood, Center Director	Soil & Water Science	woodwes@ufl.edu	850-983-7126

Academic Assessment Plan Entry Complete: