

GATEWAY TO AGROECOLOGY CERTIFICATE

The Gateway to Agroecology certificate offers students with no, or limited science background the opportunity to obtain foundational knowledge required to enter the UF Agroecology MS Concentration. Completion of this certificate does not ensure acceptance into the Agroecology MS Concentration. Admission decisions will be based on departmental requirements and discretion.

About this Program

- **College:** Agricultural and Life Sciences (<http://catalog.ufl.edu/UGRD/colleges-schools/UGAGL/>)
- **Credits:** 9

Certificates must contain at least nine credits of coursework that are unique to that program out of all other certificates and minors.

Department Information

The Department of Agronomy's vision is to improve and sustain food production while conserving natural resources and promoting healthy and active lives by creating and disseminating knowledge in the plant sciences. The department's mission is to achieve excellence in the science of using plants for food, feed, fuel, fiber and turf, as well as in the management of weed species, through research, teaching, and outreach programs that serve the people of Florida, our nation, and the world. Website (<https://agronomy.ifas.ufl.edu/>)

CONTACT

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Map (<http://campusmap.ufl.edu/#/index/0496>)

Curriculum

- Agroecology and Sustainable Food Systems Certificate
- Combination Degrees
- Gateway to Agroecology Certificate
- Golf and Sports Turf Management Minor
- Plant Science

Students with a bachelor's degree from an accredited institution may enroll.

Required Courses

Code	Title	Credits
PLS 3004C	Principles of Plant Science	3
SWS 3022	Introduction to Soils in the Environment	3
Departmental Courses. Select one:		3
<i>Agricultural and Biological Engineering</i>		
ABE 3000C	Applications in Biological Engineering	
<i>Agronomy</i>		
AGR 4212	Alternative Cropping Systems	
AGR 4932	Agronomy Topics	
<i>Entomology and Nematology</i>		

ENY 3005 & 3005L	Principles of Entomology and Principles of Entomology Laboratory
NEM 3002	Principles of Nematology
<i>Soil and Water Sciences</i>	
SWS 4116	Environmental Nutrient Management
SWS 4207	Sustainable Agricultural and Urban Land Management
SWS 4231C	Soil, Water and Land Use
Total Credits	9