AG*IDEA: A Distance Education Program in Soil Water and Environmental Science

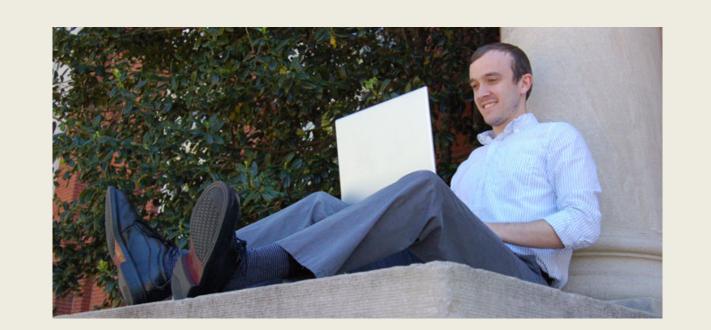
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A new graduate degree program in Soil, Water and Environmental Science (SWES) offers non-traditional students opportunities for Master's degrees and Certificates with wide course choices offered by six universities. The program is offered through the Agricultural Interactive Distance Education Alliance (AG*IDEA), an affiliate of the Great Plains Interactive Distance Education Alliance.

The Soil, Water, & Environmental Sciences (SWES) programs are comprised of required core courses in biology, chemistry, physics, hydrology, and pedology, in addition to electives that provide program flexibility to meet individual interest and career needs.





SWES Curriculum

Core Courses	12-15 credits
Soil biology	3
Soil chemistry	3
Soil physics	3
Pedology	3
Hydrology	3
Additional degree requirements	

Statistics

Additional degree requirements

Seminar 1
Special problems/thesis variable
Electives variable
Total Credits 35

SWES Certificate includes 15 credits in any combination of courses pertinent to professional interest and goals of the student.

Admission to the Certificate program:

B.S. or B.A. degree and meet course

prerequisites



Interested in a New Career or Professional Development?

Place bound, practicing professionals and others gain access to higher education and professional development opportunities through DISTANCE EDUCATION

Students may select from a wide array of elective courses related to soil science, resource management, technology, analytics and environmental law.

SOIL, WATER, NUTRIENT MANAGEMENT

Soil fertility

Soil erosion & conservation Environmental appl. of soil science

Plant-water relations

Waste management

Wetlands

Stormwater BMPs

Bioenergy and Environment

TECHNOLOGY, ANALYTICS

Applied geostatistics

Quantitative remote sensing

Precision agriculture technology

Experimental methods

Instrumentation for hydrologic applications Watershed monitoring & assessment



SWES Learning Assessment

- performance in body of coursework,
 especially in core subjects
- evaluation of seminars, papers, abstracts, and other products of knowledge synthesis
- synthesis paper on contemporary problem of interest
- successful completion of oral exam
- pass fundamental soil science exam
- successful seminar or poster presentation

Students enroll in one of the participating universities but may take courses from all participating universities. Each participating university treats courses taught at other universities as if they were from the home university. At the University of Georgia, the College of Agricultural and Environmental Sciences is providing two scholarships to kick-start the program.











How to Enroll

- Choose a participating university from the list below
- Apply to the graduate school
 - You must meet their admission requirements







SWES Program Committee

John Havlin (Chair)
David Radcliffe
Dennis Shannon
Richard Zartman
Yuji Arai
Mark Coyne

NC State University
University of Georgia
Auburn University
Texas Tech University
Clemson University
Univ. of Kentucky

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