



What can I do with a major in WATER AND SOIL RESOURCES?

The University of Georgia Career Center

Clark Howell Hall, 542-3375, <http://www.career.uga.edu>

Crop & Soil Sciences Department, 706-542-2461, <http://www.cropsoil.uga.edu>

Warnell School of Forestry & Natural Resources, 706-542-1465, <http://www.warnell.uga.edu>

The information below describes typical occupations and employers associated with this major.

Understand that some of the options listed below may require additional training.

Moreover, you are not limited to these options alone when choosing a possible career path.

Description of Water and Soil Resources

The Water and Soil Resources major emphasizes assessment, conservation, and rehabilitation of the soil, water, and wetland components of the natural landscape. The core curriculum is broad-based, furnishing a comprehensive understanding of the physical and biological elements of the natural environment, an appreciation of the social, political, and economic forces that influence natural resources policy decisions, and the ability to analyze natural resources problems to forge realistic solutions. Through appropriate choice of electives, students can meet the educational requirements for Certified Soil Scientist (by the Soil Science Society of America) and/or prepare for the certified hydrologist exam offered by the American Institute of Hydrologists. Graduates frequently take employment with environmental consulting firms, public regulatory agencies, and corporations that utilize natural resources or conservation organizations.

Job Titles of Water and Soil Resources Graduates

Associate Scientist	Environmental Technician	Hydrologist	Research Associate
Biological Research Tech	Erosion Control Specialist	Lab Technician	Research Coordinator
Biological Technician	Extension Agent	Land Acquisition	Research Scientist
Biologist	Field Inspector	Technician	Research Technician
Biometrician	Forest Biometrician	Natural Resource Manager	SAFIS Forester
Consultant	Forest Soil Scientist	Natural Resource	Soil Scientist/ Conservationist
District Technical Forester	Forest Technician	Specialist	Storm Water Manager
Environmental Consultant	Forestry Consultant	PHC Tech	Timber Sales Forester
Environmental Planner	GIS Technician	Planning Forest Engineer	Water Resource Planner
Assoc.	Groundline Foreman	Project Coordinator	Wetland Ecologist
Environmental Scientist	Hydrologic Technician	Project Soil Scientist	

To research careers of interest, you may want to visit these web sites:

Georgia Career Information Center <http://www.gcic.peachnet.edu> (accessible only on campus computers)

O*NET <http://online.onetcenter.org> (click on Find Occupations)

Occupational Outlook Handbook <http://www.bls.gov/oco> (type in general term for career of interest) Alberta Occupational Profiles

<http://www.alis.gov.ab.ca/occinfo/frameset.asp> (click on Occupational Title Search)

***Please visit the Career Center Library or your Career Consultant if you need additional information or assistance.**

Employment Settings of Water and Soil Resources Graduates

(*Jobs as reported by Career Center post-graduate survey)

Agricultural Research Service	Georgia-Pacific Corporation	Savannah River Ecology Lab.
Aquascape Environmental Inc.	Greenhorn & O'Marra Inc.	SC Dept. of Natural Resources
Atterbury Consultants, Inc.	International Paper	Science Applications Intern'l.
Canal Wood Corporation	Jefferson Smurfit Co.	Scofield Timber Company
Cannal Environmental Services	Jordan, Jones & Goulding Inc	SECOR
Champion International Corp.	Kanel Forest Products	Seus Land Exchange
Columbia Timber Company	Kentucky Dept of Fish/Wildlife	Shaw, McCleod, Belser, Hurlbutt
Dept. of Natural Resources	Langford & Associates*	Steve Crawford Forest Products
Environmental Aspects, Inc.	Mantech Environmental Corp.	Thompson Hardwood
Ferron Watershed Project Com.	Natural Resource Conservation Svc.	Thwaite Forest Resources
GA Dept. of Natural Resources	Osmose Wood Preserving, Inc.	Timber Products Inspection
Ga. Soil & Water Conservation	Parsons Engineering Science	U.S. Department of Agriculture
Georgia D.O.T.	Peace Corps	U.S. Fish & Wildlife Services
Georgia Farm Bureau	Rayonier*	U.S. Forest Service
Georgia Forestry Commission	Rhodes Resource Management	U.S. National Research Council
Georgia Power Company	Rollins Ranches	United States Timber Alliance
Georgia Timberlands	S&W Forestry Services	US Geological Survey

Career Center Library Resources for Water and Soil Resources Majors

The Eco Guide to Careers That Make a Difference by The Environmental Careers Organization

Environmental Careers in the 21st Century by The Environmental Careers Organization

Careers in Focus: Environment by Ferguson

Careers in Focus: Agriculture by Ferguson

Campus Resources

Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS)

Soil Judging Team: <http://www.cropsoil.uga.edu/undergrad/clubs.php>

Warnell School Student Organizations: <http://www.warnell.uga.edu/h/campuslife/h/campuslife/organizations>

American Water Resources Association, Soil and Water Conservation Society

Strategies

- Learn to set up, operate, and maintain laboratory instruments and equipment, and monitor experiments.
- Seek research experience with professors.
- Gain related experience through part-time jobs, internships, or volunteering.
- Earn master's degree for better positions, advancement opportunities, more responsibility and higher pay.
- Obtain Ph.D. to direct research projects and lead research teams.
- Maintain a high grade point average and secure strong faculty recommendations to gain admittance into graduate school.

Employment Websites

Warnell School of Forestry & Natural Resources Job Site: <http://jobs.forestry.uga.edu/>

Soil and Water Conservation Society http://www.swcs.org/en/job_board/

American Water Resources Association Job board <http://www.awra.org/careers/index.html>

The Environmental Careers Organization: <http://www.eco.org>

AgCareers.com: <http://agcareers.com>

Making the Difference (Federal Jobs & Internships): <http://www.makingthedifference.org>

U.S. Office of Personnel Management: <http://www.opm.gov/>

Additional Resources

American Water Resources Association: <http://www.awra.org>

Crop Science Society of America: <http://www.crops.org>

Georgia Soil and Water Conservation Commission: <http://www.gaswcc.org>

Natural Resource Conservation Service: <http://www.nrcs.usda.gov>

National Society of Consulting Soil Scientists: <http://www.nscss.org>

Soil & Water Conservation Society: <http://www.swcs.org>

U.S. Environmental Protection Agency: <http://www.epa.gov>