What can I do with a major in

Agriscience and Environmental Systems

The University of Georgia Career Center

Clark Howell Hall, 706.542.3375, www.career.uga.edu
Athens & CAES Tifton Campus, 229-386-3528
http://www.caes.uga.edu/campus/tifton/students/index.html

This information describes typical occupations and employment settings associated with this major. Understand that some of these options may require additional training. Moreover, you are not limited to these options when choosing a possible career path.

Description of Agriscience and Environmental Systems

The agriscience and environmental systems major prepares students for successful careers in agricultural production, food systems management and environmental systems. Students will learn the biology of plants and animals, new technologies that can be applied to plant and animal production systems, the fundamentals of water quality and resource management, the application of technologies to add value to agricultural commodities, and the fundamentals of business management and marketing. Students in agriscience and environmental systems will learn from University of Georgia scientists who are actively engaged in research related to this major. Students will learn through practical application and experience in course laboratories, in research facilities, and in actual agribusiness settings.

Researching Job Titles and Careers

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)
Georgia Career Information Center http://www.gcic.peachnet.edu (accessible only on campus computers)
Career Insider: Vault Guides http://career.uga.edu/resources/online_resources (Under the "Resources" tab and select "Online Resources")
Candid Career http://career.uga.edu/resources/online_resources **(**View professionals speaking about their careers under the "Resources" tab and select "Online Resources")

Possible Job Titles

Administration
Agriculture & Natural Resources Agent
Conservation Easement Specialist
Crop Consultant
Environmental Analyst
Environmental Consultant
Extension agents
Farm Manager
Field Research Technician
Finance
Governmental agencies
Informal Education
Management
Marketing Representative
Public Relations Specialist
Research Assistant
Research Technician
Sales Representative
Student Affairs
Summer Camp Coordinator
Teaching
Technical Writer

Possible Employers

Advertising and public relations firms
Agribusinesses
Camps
Colleges and universities
Dupont
Education and research
Electronic media
Environmental consulting firms
Farm radio and television stations
FDA
Fernbank Science Center
Financial institutions
Foundations, museums, zoos
GA Commodity Commissions
John Deere
Local, state and federal government
Forestry Service
Manufacturing Companies
National and state parks and reserves
Nature centers
Newspapers and magazines
Nonprofit organizations
Piedmont Park Conservancy
Professional associations
Scouting organizations
Secondary schools
State of Georgia Extension Services
Supply Companies
Technical Writing
The University of Georgia
US Dept. of Agriculture
Vocational and technical schools
Wildlife organizations

To learn what types of positions and companies UGA students are working with, see the UGA Career Center Post Graduation Survey at www.career.uga.edu/gradsurveyresults/ and search for alumni on Linked In at www.linkedin.com.

Campus Resources

College of Agricultural and Environmental Sciences Clubs and Organizations- http://students.caes.uga.edu/athens/organizations.cfm
Alpha Gamma Rho (Men pursuing careers in agriculture)- http://www.georgiaagr.com/home
Collegiate 4-H- http://georgia4h.org/collegiate/
Minorities in Agriculture, Natural Resources and Related Sciences (MANRRS) - http://www.caes.uga.edu/academics/manrrs/
Sigma Alpha (Women pursuing careers in agriculture) - http://www.ugasigmaalpha.com

The Georgia BioBusiness Center- http://www.ovpr.uga.edu/gbbc/

To find additional clubs and organizations, go to the Center for Student Organizations at- http://stuorgs.uga.edu/find/index.html
Connect with your Career Consultant http://career.uga.edu/contact#careerconsultants

Employment Websites

GENERAL:
CareerSearch http://career.uga.edu/resources/online_resources (Research employers by location and/or industry)
DAWGlink www.career.uga.edu/ (login with your UGA MyID and password)
GoinGlobal (To access GoinGlobal, login to your DAWGlink account)
Idealist www.idealist.org/ (nonprofit jobs)
USAJobs www.usajobs.gov/ (federal jobs)

MAJOR/CAREER SPECIFIC:
AgCareers.com- http://agcareers.com
AgriCareers, Inc.- http://www.agricareersinc.com/
BlueSkySearch- http://www.blueskysearch.com/
Jobs in Extension, Outreach, Research and Higher Education- http://jobs.joe.org
Agra Placements Ltd. Job Board- http://www.agraplacements.com/default.asp

Professional Information Resources

Agriculture Online- http://www.agriculture.com
Agri-Search- http://www.agri-search.com/
National Association of State Departments of Agriculture- http://www.nasda.org/
AgriMarketing- http://www.agrimarketing.com/
Georgia Agribusiness Council- http://www.ga-agribusiness.org/
Agrosecurity- http://www.agrosecurity.uga.edu/
USDA- http://www.usda.gov/
USDA: Cooperative State Research, Education, and Extension Service- http://www.csrees.usda.gov/index.html
Cooperative Extension System Offices by State- http://www.csrees.usda.gov/Extension/index.html
Agricultural Relations Council- http://www.agrelationscouncil.org
National Agri-Marketing Association- http://www.nama.org

Tip: Join LinkedIn groups that are related to your career interest. Need help finding groups? Check out the Groups You May Like link under the Interests/Groups tab. Review the groups that professionals in your field of interest have joined and consider joining them as well.

Additional Career Consultant Recommendations:

Occupational Outlook for Agriscience Careers
The U.S. Department of Labor Bureau of Labor Statistics keeps track of job descriptions, training, and the outlook for jobs in America. The following occupations all relate to agriscience and natural resources:

- Engineering and Natural Sciences Managers: A higher degree (such as a Masters or Ph.D.) is often required for many managerial positions. Work can include quality control, developing or testing various products for use in agriculture science. Strong management and organizational skills are a must. Employment is expected to grow at an average rate.
- Agricultural Workers: Ag workers often find themselves working as farmhands, laborers, equipment operators, gardeners, and breeders in rural areas. Work is often strenuous and is performed outdoors. In some places work is seasonal. Many skills can be taught on the job; however, advancement or supervisory roles will require additional education. Job prospects are plentiful due to high turnover rates. However, industry employment overall is expected to decline.
- Farmers, Ranchers, and Agricultural Managers: Farmers and ranchers often own or operate their own farms or are hired to operate a consolidation of farming establishments. The size (small family farm or large ranch operation) and type of farm (dairy, wheat, corn) frequently determines the type of work that will be done. Although training used to be on the job, it is becoming more important than ever for farmers and ranchers to have a degree if they want to make a living. Job opportunities should be favorable, despite a moderate decline in employment due to fewer small farmers being able to make a living. Agricultural manager positions are expected to grow slightly, as large farm operations are operated as a business.
- Science Technicians: This field of work can include agricultural and food science technicians, who research, develop, and test food and other ag products. Work can include finding friendly herbicides or more pest resistant crops. Environmental science and protection technicians will work to preserve the environment, possibly in conjunction with agricultural practices. Overall employment of science technicians is expected to grow at an average rate, while job growth depends up on specialty and training/education of applicants.