

# Protect, restore and conserve land resources – it's all about the soil!

If you are interested in learning about the environment, how to protect, restore and conserve it, then we can help you. Enroll in the Environmental and Soil Sciences major. You can select among three concentrations that have different focuses –

**Environmental Science** – the study of human impacts on the long-term use and productivity of land and water resources. Emphasis is also placed on the tools used in the management of these resources.

**Soil Science** – the study of soil management in an environmental stewardship context, the long-term use and productivity of soils, as well as surface and sub-surface water resources.

**Agricultural Systems Technology** – the study of how to manage the technological systems that are essential to modern agricultural production. It combines physical and environmental sciences and the latest agricultural technologies and equipment (precision agriculture, chemical application, automation, computer-aided design, environmental instrumentation.) with a solid business and management foundation.

Alumni are found in careers related to food and fiber production; others focus on environmental compliance; and others may work as research assistants. Preparation leads to interesting and challenging career paths working to solve complex environmental problems that include:

- Reclaiming contaminated sites to comply with environmental regulations
- Designing and monitoring landfills
- Analyzing and protecting rural or urban water supplies

- Working in a university or industry setting as a soil and environmental specialist or scientist
- Private consulting in environmental and agricultural areas
- Working with non-governmental organizations with interests in agriculture, the environment and natural resources

Others have the skills and understanding to be successful in agribusiness, agricultural production, automated production systems, nursery management, agricultural consulting, turf management or employment with agricultural equipment and material suppliers. Examples of potential careers include:

- Agricultural consultants assisting companies or individuals to increase their profitability or help grow their operation
- Technology specialists helping commercial producers integrate new technologies into their operations
- Private consulting in environmental and agricultural areas
- Technical sales and service representatives
- Entrepreneurs developing new products or services
- Specialists working with non-governmental organizations with interests in agriculture, the environment and natural resources
- Employment as a farm or ranch manager



For more information:  
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Website: <http://bioenr.ag.utk.edu/>

## For more information or to schedule a campus tour:

### College of Agricultural Sciences and Natural Resources

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Fax: 865-974-9329  
E-mail: [casnr@utk.edu](mailto:casnr@utk.edu)  
Web: <http://www.casnr.utk.edu>

## For undergraduate admissions:

### Office of Admissions

The University of Tennessee  
320 Student Services Building  
Knoxville, TN 37996-0230  
Phone: (865) 974-2184  
E-mail: [admissions@utk.edu](mailto:admissions@utk.edu)  
Web site:  
<http://admissions.utk.edu/undergraduate>

## For student financial aid:

### Office of Financial Aid and Scholarships

The University of Tennessee  
115 Student Services Building  
Knoxville, TN 37996-0210  
Phone: 865-974-3131  
E-mail: [finaid@utk.edu](mailto:finaid@utk.edu)  
Web site: <http://web.utk.edu/~finai>

# Do you want to help the world?

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ell, if you do, you should consider the College of Agricultural Sciences and Natural Resources.

Why? Because our alumni play an important role in improving the quality of our lives and the health of the planet.

## What makes the UT College of Agricultural Sciences and Natural Resources (CASNR) unique?

- The highest-quality university food systems and natural resources program in Tennessee
- Faculty engaged in innovative biotechnology, food and natural resources economics, environment and bio-resources research
- Faculty-led international study programs that take students to Thailand, Australia, Jamaica, Ireland, England, Italy and elsewhere
- Award-winning co-curricular clubs and teams
- Sponsorship of honor societies, professional fraternities and a sorority, and student chapters of professional organizations
- An honors program where students work one-on-one with faculty mentors

## What can CASNR offer me?

CASNR cares about the quality of education its students receive, through:

- Challenging courses
- Opportunities for personal and career development
- Personalized advising
- Small class size with a student-centered learning environment
- Internship and coop opportunities with regional, national and international firms
- Annual CASNR career fair and on-campus interviews

- Caring faculty and staff
- Extracurricular activities supported by faculty
- Excellent preparation for advanced study in graduate and professional schools, including medicine, law, veterinary medicine, dentistry, physical therapy, nursing and pharmacy

