



## What can I do with my Major?

# TURFGRASS AND SOIL SCIENCE

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### SAMPLE JOB TITLES

Visit [O\\*Net](#) and conduct an Occupation Quick Search of each job title to learn more about that career path.

[Landscaping and Groundskeeping Workers](#)  
[Farm and Ranch Managers](#)  
[Agricultural Sciences Teacher, Postsecondary](#)  
[Soil and Plant Scientists](#)  
[Greenhouse or Nursery Managers](#)  
[Soil and Water Conservationists](#)  
[Turf Manager](#)  
[Chemical Technology/Specialists](#)  
[Golf Course Designer](#)  
[Research Manager](#)  
[First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers](#)  
[Plant Physiologist](#)

### UCONN RESOURCES

[Department of Plant Science and Landscape Architecture](#)  
[Alpha Zeta](#)  
[Sigma Alpha](#)  
[Horticulture Club](#)

### OTHER RESOURCES

[American Society of Agronomy](#)  
[Crop Science Society of America](#)  
[Soil Science Society of America](#)

### OVERVIEW OF MAJOR

The Turfgrass and Soil Science major offers options in Turfgrass Science and in Soil Science. The Turfgrass Science option is designed to provide students with basic and applied knowledge related to residential and commercial lawn care, golf course management, sports and athletic field management, parks and institutional grounds, and other areas where grasses are a vital component of the landscape. The program provides students the opportunity to study Turfgrass Science in conjunction with general landscape design and maintenance, horticulture, pest management, soil science, and business management.

Soil Science addresses the needs of crop production as well as the role of soils in ecological processes. Soils play a very important role in the quality of life. They are an essential component in all natural cycles. Soils also buffer many processes induced by human activities, such as the mobility of pollutants. Because soils are a slowly renewable natural resource, it is important that our use of soils does not irreversibly alter their value for other purposes. The soil science option provides students the opportunity to study fundamental biological, chemical, and physical properties of soils.

### NATURE OF WORK

Many Turfgrass and Soil Science graduates work in basic or applied research and development programs, or manage marketing or production operations in companies. Some are consultants to business firms, private clients, or the government. People in this field will often work in a team-based atmosphere in a laboratory or research environment. Some positions require national or international travel.

