Turfgrass Science is the development and practical application of plant and soil sciences to produce abundant, high-quality food, feed and fiber crops. As a discipline, it represents the integration of crop, soil and related sciences. The Turfgrass science degree is an integrated program of basic and applied science courses necessary to understand and apply plant management techniques specific to turfgrasses.

Career Opportunities
Turfgrass management is a billion dollar industry and a reliable employer of NCSU graduates. Graduates may find employment in the major sectors of the turfgrass industry such as:

- single family dwellings
- lawn care services
- commercial properties
- golf courses
- schools and churches
- cemeteries
- athletic fields
- roadside vegetation

Career options for students include the golf course industry, lawn care, athletic field management, sod production, turfgrass equipment, or supply sales.

Research
Research programs are augmented by well-equipped laboratories, greenhouses, access to the NC State University Phytotron for controlled environmental work, and an excellent field station system with a variety of environments and soils ranging from the mountains to the piedmont and the coastal plain and black lands of Eastern North Carolina.

Course Work/Curriculum
The Turfgrass Science degree program is a curriculum designed to integrate basic and applied science courses necessary to understand and apply plant management techniques specific to turfgrasses. Students will study:

- general education courses as required by North Carolina State University
- science courses in biology, chemistry, botany, and soil science
- major courses such as Turf Cultural Systems, Soil Fertility & Fertilizers, Plant Genetics, Plant Physiology, Environmental Issues in Turf Management, General Entomology, Soil Physical Prop of Plant Grow, Weed Science
- specialized electives such as Landscape Horticulture, Trees & Grounds, or Golf Course Design.

Graduate Study
Graduate level studies in Agronomy at NCSU are conducted within the departments of Crop Science and Soil Science. Both offer instruction leading to M.S. and Ph.D. degrees, as well as a nonthesis Master of Crop Science and nonthesis Master of Soil Science, respectively. Details explaining areas of concentration can be found online.

Co-Curricular Activities
Several organizations exist for agronomy students, including the Agronomy Club, the crop judging team, the soil judging team and the student chapter of the Golf Course Superintendent’s Association of America.

Career Services
In addition to faculty advisers, CALS Career Services is available to provide information about career and employment opportunities. The office assists students and alumni with a variety of career needs such as choosing a major, resume tips, and job search strategies.

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