



Agriscience

ARTS & SCIENCES DIVISION | 843-525-8281

WHAT IS AGRISCIENCE?

Agriscience encompasses the application of scientific principles and new technologies to the plant and animal industries. Agriscience includes a wide array of fields of study and occupations ranging from conventional or organic farming, to turf management, the landscape industry and all of the associated services and occupations. South Carolina's agriculture and forest industries have a direct economic impact of \$33.9 billion a year and has created more than 200,000 jobs.

WHAT OCCUPATIONS CAN I PURSUE?

- **Landscape occupations** are a major industry in the Lowcountry. Graduates of TCL's Agriscience program will be qualified to enter and advance in local businesses such as garden centers and landscape/hardscape companies or start their own firms. They will be qualified to provide advice and service to home owners and business owners with both interior and exterior plantings and hardscapes, water feature design and maintenance, and pest management.
- **Turf occupations** are also big in the Lowcountry. These occupations involve the management of lawns and other greens. Graduates of the program will be trained in the selection, establishment, pest control, and management of lawns and turf for homes and businesses and on all of our many golf courses. Jobs in existing companies are plentiful or start your own lawn care company.
- **Diversified agriculture occupations** include sustainable farming using conventional and organic approaches. Contrary to popular belief, farming is a growing industry in this country in general and in the Lowcountry in particular. With the growing popularity of "eat local" programs and organic food programs in recent years, the need for small, independent producers in the Lowcountry has blossomed, as has the popularity of home gardens. Graduates of TCL's agriscience program will be prepared to start and operate just such small, independent farms and home gardens with an environmentally sustainable approach.

MORE ON REVERSE >>

Photo courtesy of the United States Department of Agriculture



Agriscience (cont.)

ARTS & SCIENCES DIVISION | 843-525-8281

WHY AGRISCIENCE AT TCL?

- Because it's where the jobs and opportunities are! **Agriculture, including farming, landscaping, and turf, is the largest industry in the state of South Carolina**, and it is one of the few industries which is rapidly growing both nationally and here in the Lowcountry.
- The Agriscience program at Technical College of the Lowcountry emphasizes three separate occupational areas: diversified agriculture production, landscape occupations, and turf occupations.
- A TCL education in agriscience will prepare you for a wide range of careers rather than a single entry-level job.
- A working knowledge of the fundamental sciences and process involved in the rapidly growing field of agriscience will prepare you to enter and advance in occupations in the landscape, turf, and food production industries. Jobs in existing firms are plentiful and few other industries offer as much opportunity to start your own business as this one.
- Graduates of the program may take advantage of the transfer options with South Carolina and out of state universities and colleges to increase their earning potential and pursue higher-level careers in agriscience, teaching, cooperative extension, and more.

Relevant Occupations

- Landscape/Turf/Crop Technician
- Crop Consultant
- Farm Manager
- Farmer
- Landscape Maintenance Supervisor

TRANSFER TO 4-YEAR PROGRAM TO PREPARE FOR:

- Landscape Architect
- Golf Course Superintendent
- Agriculture Teacher
- Extension Agent