Agriculture is an exciting and dynamic field involving a wise range of disciplines. Agricultural sciences is a broad multidisciplinary field that encompasses the parts of exact, natural, economic, and social sciences that are used in the practice and understanding of agriculture. Students in this degree program will study all aspects of the food and fiber industry, developing the skills needed to improve yields with less labor, control pests safely and effectively, conserve soil and water, manage or administer research and development programs, and manage marketing or production operations in agribusinesses. Successful and sustainable agriculture production systems and enterprises require knowledgeable and proficient leaders. The B.S. degree in Agricultural Science is our response to the growing need in the agriculture industry for professionals with a broad range of knowledge and experience in the agricultural sciences.

Career Opportunities
Agriculture continues to be an important industry in North Carolina. Students in this program are taught to manage or lead in an agricultural setting. A graduate with a Bachelor of Science in Agricultural Science can move quickly into the research or teaching fields or choose from a variety of other careers. With experience, an agricultural science graduate may advance to jobs such as supervisors of research programs or managers of other agriculture-related activities.

Course Work/Curriculum
The agricultural sciences curriculum has three components:

- general education courses that are required for all students at NC State University
- a broad understanding of agriculture. Students complete coursework in both basic agricultural courses (animal or poultry science, plant science, and shop processes and management) as well as agricultural specialty areas. Students must select two of the following specialty areas to study: animal science, agricultural business management, agricultural environmental technology, crop science, horticultural science, poultry science, soil science, or feed mill management.
- courses in leadership and communication courses.

The typical student in this program will complete a program of study that includes communications, mathematics, economics, business, physical and life science courses, in addition to a variety of technical agricultural science courses. Beyond the technical knowledge, students will learn leadership skills that help them learn how to work independently and as part of a team, communicate effectively, solve problems and understand basic business concepts.

Graduate Study
The Department offers programs of graduate study leading to the Master of Agricultural Education and the Master of Extension Education degree. (both have thesis and non-thesis options determined on the student’s interests).

Co-Curricular Activities
The Agricultural and Extension Education Club and the national agricultural education honorary society, Alpha Tau Alpha, provide opportunities for leadership development and professional and social activities. Students are encouraged to participate in the collegiate 4-H Club and Collegiate FFA Chapter at NC State.

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.