

Department of Agricultural and Human Sciences

In the **Department of Agricultural and Human Sciences**, we nurture strong and healthy families, communities and agriculture.

We educate students in agriculture and human sciences, find solutions to problems and extend knowledge to create healthy communities for youth and families.

Central to the department's goals is the formal and non-formal teaching of problem-solving and learning skills for a lifetime of growing, evolving, and changing. In the Department of Agricultural and Human Sciences, undergraduate students can choose one of two majors toward a Bachelor of Science (B.S.) degree: Agricultural Education and Agricultural Science; two minors in Extension Education and Leadership in Agricultural and Life Sciences; and one certificate in Agricultural Leadership.

The Bachelor of Science in **Agricultural Education** provides graduates with the necessary knowledge, skills, and experiences for teacher licensure in agriculture for grades 6-12. Additionally, our graduates are essential to the agriculture industry due to their combination of agriculture and interpersonal knowledge and skills. This degree is offered on-campus.

The Bachelor of Science in **Agricultural Science** provides graduates with knowledge and skills in agriculture, Extension education, leadership, and communications - essential areas for success in food, agricultural, and natural resources industries. Our graduates provide solutions to complex challenges faced by individuals, farmers, organizations, and communities. This degree is offered either on-campus or via distance education.

Key highlights about our department:

- Students in the department complete a specialty area or a concentration in at least one area of agriculture
- Graduates are prepared for teaching, administrative leadership, and public relations positions in secondary schools, community colleges, universities, Cooperative Extension System, and agricultural businesses
- Graduates are highly qualified to enter agricultural careers in all areas of food, agriculture, and natural resources

Curricula

The Agricultural Education curriculum encompasses areas of study that enable students to plan, promote, and conduct educational programs in agriculture. The program leads to a Bachelor of Science degree and prepares graduates to teach agriculture and be FFA advisors in public and private schools. Many of our alumni pursue careers in middle and high schools, universities and community colleges, county extension offices, and in the agricultural industry. Learn more about the many agricultural and human science career opportunities (<https://cals.ncsu.edu/agricultural-and-human-sciences/careers/>) available.

The Agricultural Science curriculum prepares graduates for careers in a wide variety of agricultural industry positions. The program leads to a Bachelor of Science degree in Agricultural Science and can be

completed either on-campus or via distance education. Students complete a minimum of two agricultural specialty areas, increasing their options for careers in agriculture. Students complete communications, extension education, and leadership courses to prepare for diverse and rewarding careers. Internships are not required in this curriculum but are strongly encouraged. Learn more about career opportunities (<https://cals.ncsu.edu/agricultural-and-human-sciences/careers/>) for ag science graduates.

For more information about this department, visit our website (<https://cals.ncsu.edu/agricultural-and-human-sciences/>).

Faculty

Department Head

Ben Chapman

Director of Undergraduate Programs

Joseph Donaldson

Director of Graduate Programs

Wendy Warner

Department Extension Leader

Sarah Kirby

Professors

Kim Allen

Carolyn Bird

Ben Chapman

Harriett Edwards

K.S.U. Jayaratne

Sarah Kirby

Travis Park

Michael Schulman

Associate Professors

Dara Bloom

Jackie Bruce

Joseph Donaldson

Maru Gonzalez

Annie Hardison-Moody

Misty Lambert

Katherine McKee

Joy Morgan

Wendy Warner

Assistant Professors

Jamie Alexander

Basheerah Enahora

Katie Sanders

Sudha Sankar

Virginia Stage

Adjunct Assistant Professors

Amber Beseli

Autumn Cano-Guin

Mitzi Stumpf-Downing

Rhonda Sutton

Professors Emeriti

L. Bearon

G.W. Bostick

D.B. Croom

K. DeBord

P.C. Dunn

J.L. Flowers

B. Kirby

R. Liles

G.E. Moore

R.D. Mustian

R.W. Shearon

B. Silliman

E. Wilson

[agricultural-human-sciences/agricultural-education-bs-agricultural-business-concentration/](http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-agricultural-business-concentration/))

- Agricultural Education (BS): Agricultural Engineering Technology Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-agricultural-engineering-technology-concentration/>)
- Agricultural Education (BS): Agronomy Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-agronomy-concentration/>)
- Agricultural Education (BS): Animal Science Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-animal-science-concentration/>)
- Agricultural Education (BS): Horticultural Science Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-horticultural-science-concentration/>)
- Agricultural Education (BS): Natural Resources Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-natural-resources-concentration/>)
- Agricultural Education (BS): Poultry Science Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-poultry-science-concentration/>)
- Agricultural Leadership (Certificate) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-leadership-certificate/>)
- Agricultural Science (BS) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-science-bs/>)
- Agricultural Science (BS): Online (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-science-bs-online/>)
- Extension Education (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/extension-education-minor/>)
- Leadership in Agriculture and Life Sciences (Minor) (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/leadership-agriculture-life-sciences-minor/>)

Plans

- Agricultural Education (BS): Agricultural Business Concentration (<http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/>)