FACTS ABOUT CALS ACADEMIC PROGRAMS
AUGUST 2015

Students
3,714 total CALS students
- 285 students in the two-year Agricultural Institute
- 2,393 students in four-year undergraduate programs
- 998 students in graduate programs
- 38 non-degree seeking students
- 186 international students

Programs and Initiatives
16 departments, 18 undergraduate majors,
19 minors, 25 graduate programs, 18 certificates,
6 two-year programs via the Agricultural Institute
- Awarded over $1,000,000 in scholarships and fellowships for the 2015-2016 academic year
- ASPIRE and STEAM programs designed to help rural students interested in studying agriculture at NC State
- Pre-professional advising, programs, and support for students interested in human medicine or allied health fields (HealthPAC) and animal medicine (VetPAC)
- More than 300 distance education courses
- Enrichment programs including honors program, undergraduate research, teaching opportunities, study abroad and multicultural programming
- 40 student clubs and organizations for professional, personal and leadership development
- Modern classrooms and laboratories with state-of-the-art scientific and display equipment
- Hands-on learning facilities including farms and field labs
- Annual Career Expo featuring North Carolina companies interested in CALS students for internships and jobs
- Academic advising team dedicated to student success

Faculty
- 6 members of the National Academy of Sciences
- Many outstanding faculty with joint appointments in research and extension
- Numerous winners of Alumni Distinguished Graduate, Board of Governors, Outstanding Undergraduate Teacher and Outstanding Advisor awards

Rankings
1st for return on investment among NC public universities
4th Best Value nationally among public universities
3rd best College of Veterinary Medicine program in U.S.
7th in U.S. agricultural undergraduate degrees awarded to African Americans
9th Biological and Ag Engineering undergraduate program in U.S.
10th Biological and Ag Engineering graduate program in U.S.
1. Payscale.com, 2015

Graduates
Average starting salary range
Ag Sciences $34,200 - $55,300
Life Sciences $32,500 - $49,900

Six months after graduation
- 41% were working in chosen field
- 34% attending graduate or professional school
1. National Association of Colleges & Employers data
2. Responding to CALS alumni survey, 2014. 25% responded “other”, noting volunteer work, internship, military, gap year, etc.

Partnerships
Collaboration with other colleges at NC State to offer interdisciplinary degree programs and educational opportunities:
- WISE (Women in Science & Engineering living/learning community)
- Vet School 3+1 Program (accelerated B.S./DVM)
- Biological and Agricultural Engineering
- Food Animal Scholars Program
- Natural Resources Soil Science majors
- Life Sciences First Year Program
- Thomas Jefferson Scholars Program

Businesses collaborations for internships, identifying high-demand employee skills, on-campus interviews and employment information
Articulation agreements with community colleges
Alliances with North Carolina’s Agricultural Teachers Association
Undergraduate Programs

Agricultural Business Management
Biological Science Concentration

Agricultural Education
Agricultural Business Concentration
Agricultural Engineering Tech Con.
Agronomy Concentration
Animal Science Concentration
Horticultural Science Concentration
Natural Science Concentration
Poultry Science Concentration

Agricultural and Environmental Technology
Agricultural Systems Mgmt. Con.
Environmental Systems Mgmt. Con.

Agricultural Science

Animal Science
Industry Concentration
Science Concentration
Veterinary Bioscience Concentration

Biochemistry**

Biological Engineering
Agricultural Engineering Concentration
Environmental Engineering Con.
Bioprocessing Engineering Con.

Bioprocessing Science

Extension Education
Agricultural & Natural Resources Con.
Youth Leadership Development Con.

Food Science
Science Concentration
Technology Concentration

Horticultural Science
Science Concentration
Technology, General Horticulture Con.
Technology, Landscape Design Con.

Natural Resources
Soil & Water Systems Concentration
Soil Resources Concentration

Nutrition Science**
Applied Nutrition Concentration

Plant and Soil Science
Agroecology Concentration
Agronomic Business Concentration
Agronomic Science Concentration
Crop Biotechnology Concentration
Crop Production Concentration
Soil Sciences Concentration

Plant Biology**

Poultry Science
Science Concentration
Technology Concentration

Soil and Land Development
Land Development Con.
Soil Science Concentration

Turfgrass Science

Undergraduate Minors

Agricultural Business Management*
Agricultural and Environmental Technology
Agroecology
Animal Science
Applied Ecology
Biotechnology
Crop Science
Entomology
Extension Education
Feed Milling
Food Science
Horticultural Science
Leadership in Ag & Life Sciences
Nutrition
Plant Biology
Plant Biosafety & Regulatory Science
Poultry Science
Soil Science
Turfgrass Science

Agricultural Institute

Agribusiness Management
Field Crops Technology
General Agriculture
Livestock & Poultry Management
Ornamentals & Landscape Technology
Turfgrass Management

Graduate Programs

Agribusiness Management
Agricultural and Resource Economics
Agricultural & Extension Education*
Animal Science*
Animal Science and Poultry Science
Animal Science Concentration
Poultry Science Concentration
Biochemistry
Biological and Agricultural Engineering
Biomathematics**
Comparative Biomedical Sciences**
Bioinformatics
Functional Genomics
Crop Science
Economics
Entomology
Environmental Assessment**
Family Life & Youth Development*
Financial Mathematics
Fisheries, Wildlife & Conservation Biology**
Food Science
Horticultural Science*
Microbiology**
Nutrition
Physiology**
Plant Biology
Plant Pathology
Translational Plan Pathology Con.
Evolutionary Ecology and Population Biology Concentration
Host-Microbe Interactions Con.
Poultry Science
Soil Science*
Soil Science-Ecology Concentration

* Available via Distance Ed
** Jointly administered by additional colleges

The College of Agriculture and Life Sciences (CALS) is a leader in higher education incorporating the basic life sciences and applied agricultural sciences. Our college focuses on academics (teaching students), research (discovering new knowledge), and extension (serving the citizens of our state).

Learn more at cals.ncsu.edu
Questions? Email us at cals_programs@ncsu.edu

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