

Agricultural Education (BS): Animal Science Concentration

The Agricultural Education major within the Department of Agricultural and Human Sciences prepares graduates to teach agriculture, serve as FFA advisors, and supervise agricultural experiences (SAE) in public and private schools.

The Animal Science concentration is one of seven concentrations offered for the Bachelor of Science in Agricultural Education.

- Students interested in Agricultural Education may be eligible to apply for the North Carolina Teaching Fellows Program at NC State.
- Student teachers of agriculture may apply for Ed Scholars through NC State.
- Many alumni pursue careers in middle and high schools, universities and community colleges, county extension offices, and in the agricultural industry

Teacher Licensure

Completion of the B.S. program in Agricultural Education leads to teacher licensure in North Carolina for grades 6-12. Because of North Carolina's reciprocity agreements, graduates also can pursue certification in about 35 states. Download the Teacher Licensure Checklist (<https://cals.ncsu.edu/agricultural-and-human-sciences/wp-content/uploads/sites/13/2017/06/Teacher-Licensure-Checklist.pdf>) to review the requirements for admissions to teacher education candidacy and help you stay on course.

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

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Plan Requirements

Code	Title	Hours
Orientation		
AEE 103	Fundamentals of Agricultural and Extension Education	1
or ALS 103	First-year Success in Agriculture and Life Sciences	
or ALS 303	Transfer Success in Agriculture and Life Sciences	
Writing and Speaking		
COM 110	Public Speaking	3
Sciences		

BIO 181	Introductory Biology: Ecology, Evolution, and Biodiversity	4
BIO 183	Introductory Biology: Cellular and Molecular Biology	4
CH 101 & CH 102	Chemistry - A Molecular Science and General Chemistry Laboratory	4

Agricultural Education

AEE 101	Introduction to Career and Technical Education ¹	1
AEE 206	Introduction to Teaching Agriculture ¹	3
AEE 226	Computer Applications and Information Technology in Agricultural & Extension Ed ¹	3
AEE 303	Administration and Supervision of Student Organizations ¹	3
AEE 322	Experiential Learning in Agriculture ¹	3
AEE 326	Teaching Diverse Learners in AED ¹	3
AEE 327	Conducting Summer Programs in Agricultural Education	1
AEE 424	Planning Agricultural Educational Programs ¹	3
AEE 426	Methods of Teaching Agriculture ¹	3
AEE 427	Student Teaching in Agriculture ¹	8
AEE 491	Seminar in Agricultural Education	1

Other Professional Education

EDP 304	Educational Psychology ¹	3
ELP 344	School and Society ¹	3
ED 311	Classroom Assessment Principles and Practices ¹	2
ED 312	Classroom Assessment Principles and Practices Professional Learning Lab ¹	1

Teaching Content Courses

BAET 201	Shop Processes and Management	3
or TDE 110	Materials & Processes Technology	
Plant Science Elective (p. 2)		3
SSC 200	Soil Science	4
& SSC 201	and Soil Science Laboratory	
Select one of the following Economics Electives:		3
ARE 201	Introduction to Agricultural & Resource Economics	
ARE 201A	Introduction to Agricultural & Resource Economics	
EC 201	Principles of Microeconomics	
EC 205	Fundamentals of Economics	

Animal Science Concentration

ANS 150	Introduction to Animal Science	4
& ANS 151	and Introduction to Animal Science Lab	
Select one of the following Evaluation of Farm Animals courses:		2
ANS 205	Physiology of Domestic Animals	
ANS 303	Principles of Equine Evaluation	
ANS 304	Dairy Cattle Evaluation	
ANS 309	Livestock Evaluation	
ANS 225	Principles of Animal Nutrition	3
or ANS 230	Animal Nutrition	
ANS 215	Agricultural Genetics	3
or GN 301	Genetics in Human Affairs	
Animal Science Elective (p. 4)		2
ANS Restricted Elective (p. 5)		6
GEP Courses In The Major		
ENG 101	Academic Writing and Research ¹	4

GEP Humanities (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-humanities/)	6
GEP Mathematical Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-mathematical-sciences/)	6
GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)	2
GEP US Diversity, Equity, and Inclusion (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-usdei/)	3
GEP Interdisciplinary Perspectives (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-interdisciplinary-perspectives/)	5
GEP Global Knowledge (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-global-knowledge/) (verify requirement)	
World Language Proficiency (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/world-language-proficiency/) (verify requirement)	
Free Electives	4
Total Hours	120

¹ A grade of C- or higher is required.

² Courses graded "S" for Satisfactory are allowed.

Plant Science Electives

Code	Title	Hours
AEC 423	Introduction to Fisheries Sciences Laboratory	1
ALS 103	First-year Success in Agriculture and Life Sciences	1
ALS 303	Transfer Success in Agriculture and Life Sciences	1
ANS 215	Agricultural Genetics	3
CS 200	Introduction to Turfgrass Management	4
CS 210	Lawns and Sports Turf	3
CS 211	Plant Genetics	3
CS 213	Crop Science	3
CS 214	Crop Science Laboratory	1
CS 216	Southern Row Crop Production - Cotton, Peanuts, and Tobacco	3
CS 218	Southern Row Crop Production - Corn, Small Grains and Soybeans	3
CS 224	Seeds, Biotechnology and Societies	3
CS 230	Introduction to Agroecology	3
CS 312		3
CS 400	Turf Cultural Systems	3
CS 410	Community Food Systems	3
CS 411		3
CS 413	Plant Breeding	2
CS 414	Weed Science	4
CS 415	Integrated Pest Management	3
CS 418	Introduction to Regulatory Science in Agriculture	3
CS 424	Seed Physiology	3
CS 430	Advanced Agroecology	4
CS 465	Turf Management Systems and Environmental Quality	3
CS 470	Advanced Turfgrass Pest Management	2
CS 480	Sustainable Food Production (capstone)	1

CS 502	Plant Disease: Methods & Diagnosis	2
CS 518	Introduction to Regulatory Science in Agriculture	3
CS 524	Seed Physiology	3
CS 541	Plant Breeding Methods	3
CS 565	Turf Management Systems and Environmental Quality	3
CS 590	Special Topics	1-6
CS 591		1-6
CSSC 290	Professional Development in Crop & Soil Sciences	1
CSSC 490	Senior Seminar in Crop Science and Soil Science	1
CSSC 492	Professional Internship Experience in Crop and Soil Sciences	1-3
CSSC 493	Research Experience in Crop and Soil Sciences	1-3
CSSC 495	Special Topics in Crop and Soil Sciences	1-6
ENT 402	Forest Entomology	3
ENT 470	Advanced Turfgrass Pest Management	2
FOR 150	Critical Thinking and Data Analysis	2
FOR 172	Forest System Mapping and Mensuration I	2
FOR 204	Silviculture	2
FOR 248	Forest History, Technology and Society	3
FOR 250	Professional Development II: Communications in Natural Resources	1
FOR 252	Introduction to Forest Science	3
FOR 260	Forest Ecology	4
FOR 261	Forest Communities	2
FOR 264	Forest Wildlife	1
FOR 265	Fire Management	1
FOR 273	Forest System Mapping and Mensuration II	3
FOR 293	Independent Study in Forest Management	1-6
FOR 294	Independent Study in Forest Management	1-6
FOR 295	Special Topics in Forestry	1-6
FOR 303	Silvics and Forest Tree Physiology	3
FOR 304	Theory of Silviculture	4
FOR 318	Forest Pathology	3
FOR 319	Forest Economics	3
FOR 330	North Carolina Forests	3
FOR 334	Operations Research Applications in Natural Resources	1
FOR 339		4
FOR 350	Professional Development III: Ethical Dilemmas in Natural Resource Management	1
FOR 353	GIS and Remote Sensing for Environmental Analysis and Assessment	3
FOR 374	Forest Measurement, Modeling, and Inventory	3
FOR 402	Forest Entomology	3
FOR 405	Forest Management	4
FOR 406	Forest Inventory, Analysis and Planning	4
FOR 408	Hardwood Management: Natural Forest Silviculture	3
FOR 411	Forest Genetics	3
FOR 414	World Forestry	3
FOR 415	World Forestry Study Tour	1
FOR 420	Watershed and Wetlands Hydrology	4

FOR 422	Consulting Forestry	3	HS 252	Landscape Design Graphic Communication	2
FOR 430	Forest Health and Protection	3	HS 272	Landscape Design/Build	6
FOR 434	Forest Operations and Analysis	3	HS 280	Hands-On-Horticulture	3
FOR 472	Forest Soils	4	HS 290	Horticulture: Careers and Opportunities	1
FOR 491	Special Topics in Forestry and Related Natural Resources	1-4	HS 301	Plant Propagation	4
FOR 493	Independent Study in Forest Management	1-6	HS 302	Gardening with Herbaceous Perennials	3
FOR 494	Independent Study in Forest Management	1-6	HS 303	Ornamental Plant Identification I	3
FOR 501	Dendrology	3	HS 304	Ornamental Plant Identification II	3
FOR 502	Forest Measurements	1	HS 357	Landscape Design Grading and Drainage	4
FOR 503	Silvics and Forest Tree Physiology	1	HS 400	Residential Landscaping	6
FOR 504	The Practice of Silviculture	3	HS 410	Community Food Systems	3
FOR 505	Forest Management	4	HS 411	Nursery Management	3
FOR 506	Silviculture Laboratory	1	HS 416	Landscape Planting Design	4
FOR 507	Silviculture Mini Course	1	HS 418	Landscape Design Digital Media Graphics	3
FOR 508	Hardwood Management: Natural Forest Silviculture	3	HS 420	Green Infrastructure	3
FOR 509	Forest Resource Policy	1	HS 421	Temperate-Zone Tree Fruits: Physiology and Culture	3
FOR 510	Introduction to GPS	1	HS 422	Small Fruit Production	3
FOR 513	Silviculture for Intensively Managed Plantations	3	HS 423		3
FOR 514	Woodland Stewardship	3	HS 428	Soil Management Principles for Sustainable Agriculture	1
FOR 519	Forest Economics	3	HS 431	Vegetable Production	4
FOR 520	Watershed and Wetlands Hydrology	4	HS 432	Introduction to Permaculture	3
FOR 522	Consulting Forestry	3	HS 433	Public Garden Administration	3
FOR 531	Wildland Fire Science	3	HS 440	Greenhouse Management	3
FOR 532	Wildland Firefighter	3	HS 442	Floriculture Crop Production	3
FOR 534	Forest Operations and Analysis	3	HS 451	Plant Nutrition	3
FOR 540	Advanced Dendrology	3	HS 462	Postharvest Physiology	3
FOR 561	Forest Communities of the Southeastern Coastal Plain	1	HS 471	Landscape Ecosystem Management	4
FOR 562	Forest Communities of the Southern Appalachians	1	HS 475		3
FOR 565	Plant Community Ecology	4	HS 476	Crop Physiology and Production in Controlled Environments	3
FOR 574		3	HS 480	Sustainable Food Production (capstone)	1
FOR 575	Advanced Terrestrial Ecosystem Ecology	3	HS 491	Sustainable Agriculture Entrepreneurship Study Abroad	3
FOR 583	Tropical Forestry	3	HS 492	Horticulture Internship	1-3
FOR 595	Special Topics	1-6	HS 493	Research Experience in Horticultural Science	1-3
FS 462	Postharvest Physiology	3	HS 494	Teaching Experience in Horticultural Science	1-3
FS 562	Postharvest Physiology	3	HS 495	Experimental Courses in Horticultural Science	1-6
FW 221	Conservation of Natural Resources	3	HS 502	Plant Disease: Methods & Diagnosis	2
FW 404	Wildlife Habitat Management	3	HS 516	Landscape Planting Design	4
GIS 512	Introduction to Environmental Remote Sensing	3	HS 520	Green Infrastructure	3
HS 131	Fruit & Vegetable Production	3	HS 521	Temperate-Zone Tree Fruits: Physiology and Culture	3
HS 144	Weeds & Diseases of Ornamentals	3	HS 523		3
HS 200	Home Horticulture	3	HS 532	Introduction to Permaculture	3
HS 201	The World of Horticulture: Principles and Practices	3	HS 533	Public Garden Administration	3
HS 202	Home Plant Identification	3	HS 541	Plant Breeding Methods	3
HS 203	Home Plant Propagation	3	HS 550	Environmental Nursery Production	3
HS 204	Home Landscape Maintenance	3	HS 551	Plant Nutrition	3
HS 205	Home Food Production	3	HS 562	Postharvest Physiology	3
HS 215	Agricultural Genetics	3	HS 576	Crop Physiology and Production in Controlled Environments	3
HS 242	Landscape Design Introduction	3			
HS 250	Home Landscape Design: Creating Garden Spaces	3			

HS 583		3
HS 590	Special Problems in Horticultural Science	1-6
NR 420	Watershed and Wetlands Hydrology	4
NR 460	Renewable Natural Resource Management and Policy	3
NR 491	Special Topics in Forestry and Related Natural Resources	1-4
NR 520	Watershed and Wetlands Hydrology	4
NR 560	Renewable Natural Resource Management and Policy	3
PP 144	Weeds & Diseases of Ornamentals	3
PP 318	Forest Pathology	3
PP 470	Advanced Turfgrass Pest Management	2
PP 502	Plant Disease: Methods & Diagnosis	2
SMT 202	Anatomy and Properties of Renewable Materials	3
SSC 428	Soil Management Principles for Sustainable Agriculture	1
SSC 440	Geographic Information Systems (GIS) in Soil Science and Agriculture	3
SSC 462	Soil-Crop Management Systems	3
SSC 540	Geographic Information Systems (GIS) in Soil Science and Agriculture	3

Animal Science Elective

Code	Title	Hours
AEE 208	Agricultural Biotechnology: Issues and Implications	3
ANS 105	Introduction to Companion Animal Science	3
ANS 110	Introduction to Equine Science	3
ANS 150	Introduction to Animal Science	3
ANS 151	Introduction to Animal Science Lab	1
ANS 201	Techniques of Animal Care	2
ANS 205	Physiology of Domestic Animals	3
ANS 206	Anatomy of Domestic Animals Lab	1
ANS 208	Agricultural Biotechnology: Issues and Implications	3
ANS 215	Agricultural Genetics	3
ANS 220	Reproductive Physiology	3
ANS 221	Reproductive Physiology Lab	1
ANS 225	Principles of Animal Nutrition	3
ANS 230	Animal Nutrition	3
ANS 231	Animal Nutrition Lab	1
ANS 240	Livestock Merchandising	3
ANS 240A	Livestock Merchandising	3
ANS 260	Basic Swine Science	2
ANS 261	Swine Health and Biosecurity	1
ANS 262	Swine Breeding and Gestation Management	1
ANS 263	Farrowing Management	1
ANS 264	Swine Nursery and Finishing Management	1
ANS 265	Contemporary Issues in the Swine Industry	1
ANS 266	Swine Environment Management	1
ANS 267	Swine Manure and Nutrient Management	1
ANS 268	Employee Management for the Swine Industry	1
ANS 269	Internship in the Swine Industry	1

ANS 270	Pork Export Markets from a Swine Production Perspective	1
ANS 271	Swine Nutrition	1
ANS 281	Professional Development of PreVeterinary Track Students	1
ANS 290	Professional Development for Animal Science Careers	2
ANS 303	Principles of Equine Evaluation	2
ANS 304	Dairy Cattle Evaluation	2
ANS 309	Livestock Evaluation	3
ANS 322	Muscle Foods and Eggs	3
ANS 324	Milk and Dairy Products	3
ANS 330	Laboratory Animal Science	3
ANS 395	Animal Science Study Abroad	1-6
ANS 400	Companion Animal Management	3
ANS 402	Beef Cattle Management	3
ANS 403	Swine Management	3
ANS 404	Dairy Cattle Management	3
ANS 408	Small Ruminant Management	3
ANS 410	Equine Breeding Farm Management	3
ANS 411	Management of Growing and Performance Horses	3
ANS 415	Comparative Nutrition	3
ANS 425	Feed Manufacturing Technology	3
ANS 440	Animal Genetic Improvement	3
ANS 452	Comparative Reproductive Physiology and Biotechnology	3
ANS 453	Physiology and Genetics of Growth and Development	3
ANS 454	Lactation, Milk and Nutrition	3
ANS 480	Judging Team	1
ANS 492	Professional Internship Experience in the Animal Sciences	1-3
ANS 493	Research Experience in the Animal Sciences	1-3
ANS 494	Teaching Experience in the Animal Sciences	1-3
ANS 495	Special Topics in Animal Science	1-3
ANS 515	Comparative Nutrition	3
ANS 525	Feed Manufacturing Technology	3
ANS 530		3
ANS 531		1
ANS 540	Animal Genetic Improvement	3
ANS 550	Applied Ruminant Nutrition	3
ANS 552	Comparative Reproductive Physiology and Biotechnology	3
ANS 553	Physiology and Genetics of Growth and Development	3
ANS 554	Lactation, Milk and Nutrition	3
ANS 561	Equine Nutrition	3
ANS 571	Regulation of Metabolism	3
ANS 575		3
ANS 590	Topical Problems in Animal Science	1-3
BCH 571	Regulation of Metabolism	3
FM 425	Feed Manufacturing Technology	3
FM 525	Feed Manufacturing Technology	3

FS 301	Introduction to Human Nutrition	3
FS 322	Muscle Foods and Eggs	3
FS 324	Milk and Dairy Products	3
FS 435	Food Safety Management Systems	3
FS 535	Food Safety Management Systems	3
HS 215	Agricultural Genetics	3
NTR 301	Introduction to Human Nutrition	3
NTR 415	Comparative Nutrition	3
NTR 419	Human Nutrition and Chronic Disease	3
NTR 425	Feed Manufacturing Technology	3
NTR 454	Lactation, Milk and Nutrition	3
NTR 515	Comparative Nutrition	3
NTR 525	Feed Manufacturing Technology	3
NTR 550	Applied Ruminant Nutrition	3
NTR 561	Equine Nutrition	3
PB 208	Agricultural Biotechnology: Issues and Implications	3
PHY 452		3
PHY 552	Comparative Reproductive Physiology and Biotechnology	3
PO 322	Muscle Foods and Eggs	3
PO 415	Comparative Nutrition	3
PO 425	Feed Manufacturing Technology	3
PO 515	Comparative Nutrition	3
PO 525	Feed Manufacturing Technology	3

ANS Restricted Elective

Code	Title	Hours
ANS 400	Companion Animal Management	3
ANS 402	Beef Cattle Management	3
ANS 403	Swine Management	3
ANS 404	Dairy Cattle Management	3
ANS 408	Small Ruminant Management	3
ANS 410	Equine Breeding Farm Management	3
ANS 411	Management of Growing and Performance Horses	3

Semester Sequence

This is a sample.

First Year

Fall Semester	Hours
AEE 101 Introduction to Career and Technical Education ¹	1
AEE 103 Fundamentals of Agricultural and Extension Education ²	1
BIO 181 Introductory Biology: Ecology, Evolution, and Biodiversity	4
COM 110 Public Speaking	3
ENG 101 Academic Writing and Research	4
GEP Mathematical Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-mathematical-sciences/)	3

GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)	1
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Hours	17
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Spring Semester

AEE 226 Computer Applications and Information Technology in Agricultural & Extension Ed	3
ANS 150 Introduction to Animal Science	3
ANS 151 Introduction to Animal Science Lab	1
BIO 183 Introductory Biology: Cellular and Molecular Biology	4
GEP Mathematical Sciences (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-mathematical-sciences/)	3
GEP Health and Exercise Studies (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/)	1

Hours	15
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Second Year

Fall Semester

AEE 206 Introduction to Teaching Agriculture ¹	3
ANS 225 Principles of Animal Nutrition or ANS 230 or Animal Nutrition	3
BAET 201 Shop Processes and Management or TDE 110 or Materials & Processes Technology	3
Economics Elective (p. 1)	3
GEP Humanities (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-humanities/)	3

Hours	15
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Spring Semester

CH 101 Chemistry - A Molecular Science	3
CH 102 General Chemistry Laboratory	1
Animal Science Elective (p. 4)	3
GEP US Diversity, Equity, and Inclusion (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-usdei/)	3
Plant Science Elective (p. 2)	3
GEP Humanities (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-humanities/)	3

Hours	16
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Third Year

Fall Semester

AEE 322 Experiential Learning in Agriculture ¹	3
ANS 215 Agricultural Genetics or GN 301 or Genetics in Human Affairs	3
EDP 304 Educational Psychology ¹	3
SSC 200 Soil Science	3
SSC 201 Soil Science Laboratory	1
GEP Interdisciplinary Perspectives (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-interdisciplinary-perspectives/)	2

Hours	15
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Spring Semester

AEE 303 Administration and Supervision of Student Organizations ¹	3
AEE 326 Teaching Diverse Learners in AED ¹	3

ELP 344	School and Society ¹	3
Animal Science Management Elective (p. 4)		3
Animal Science Selection Elective (p. 5)		2
Hours		14
Fourth Year		
Fall Semester		
AEE 327	Conducting Summer Programs in Agricultural Education	1
AEE 426	Methods of Teaching Agriculture	3
Animal Science Management Elective (p. 4)		3
GEP Interdisciplinary Perspectives (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-interdisciplinary-perspectives/)		3
ED 311	Classroom Assessment Principles and Practices ¹	2
ED 312	Classroom Assessment Principles and Practices Professional Learning Lab ¹	1
Free Electives ³		3
Hours		16
Spring Semester		
AEE 424	Planning Agricultural Educational Programs	3
AEE 427	Student Teaching in Agriculture	8
AEE 491	Seminar in Agricultural Education ¹	1
Hours		12
Total Hours		120

¹ A minimum grade of C is required for teacher licensure.

² Incoming freshmen complete AEE 103 Fundamentals of Agricultural and Extension Education. Transfer students may complete ALS 103 First-year Success in Agriculture and Life Sciences or ALS 303 Transfer Success in Agriculture and Life Sciences.

³ Total hours of free electives vary in order to allow the minimum hours required for the degree to equal 120 credit hrs.

Career Opportunities

The Agricultural Business Management Program prepares graduates for careers in management, marketing, sales, finance, supply chain, entrepreneurship, and related fields. The program has sufficient flexibility to provide more extensive course work in science and math for those students desiring to prepare for advanced graduate study. The concentration in biological sciences prepares graduates for management, marketing, and sales careers in fields such as biotechnology, pharmaceuticals, health care, environmental protection, and food processing. Graduates specializing in agribusiness entrepreneurship are trained in value creation and prepared to address the strong demand in agtech, biotech, and foodtech.

Career Titles

- Agricultural Inspector
- Agricultural Technician
- Aquaculture Specialist
- Bank and Branch Managers
- Buyer
- Farm and Ranch Manager
- Farm Management Advisor

- Farm Product Buyer
- Farm Products Purchasing Agent
- Farmers and Ranchers
- Financial Analyst
- Food & Drug Inspector
- Greenhouse and Nursery Manager
- Insurance Agent
- Loan Officer
- Market Research Analyst
- Purchasing Manager
- Real Estate Broker
- Sales Representative (Agricultural Products)
- Winemaker / Vinter

Learn More About Careers

NCcareers.org (<https://nccareers.org/>)

Explore North Carolina's central online resource for students, parents, educators, job seekers and career counselors looking for high quality job and career information.

Occupational Outlook Handbook (<https://www.bls.gov/ooh/>)

Browse the Occupational Outlook Handbook published by the Bureau of Labor Statistics to view state and area employment and wage statistics. You can also identify and compare similar occupations based on your interests.

Career One Stop Videos (<https://www.careeronestop.org/>)

View videos that provide career details and information on wages, employment trends, skills needed, and more for any occupation. Sponsored by the U.S. Department of Labor.

Focus 2 Career Assessment (<https://careers.dasa.ncsu.edu/explore-careers/career-assessments/>) (NC State student email address required)

This career, major and education planning system is available to current NC State students to learn about how your values, interests, competencies, and personality fit into the NC State majors and your future career. An NC State email address is required to create an account. Make an appointment with your career counselor (<https://careers.dasa.ncsu.edu/about/hours-appointments/>) to discuss the results.

Focus 2 Apply Assessment (<https://www.focus2career.com/Portal/Register.cfm?SID=1929>) (Available to prospective students)

A career assessment tool designed to support prospective students in exploring and choosing the right major and career path based on your unique personality, interests, skills and values. Get started with Focus 2 Apply and see how it can guide your journey at NC State.

Agricultural and Applied Economics Association (<https://www.aaea.org/employmentops/>)

AgCareers.com (<https://www.agcareers.com/newsletters/AgCareers.com-Electronic-Internship-Flyer.htm>)

National Agri-Marketing Association (<https://www.nama.org/>)