

Agribusiness Management (AAS)

Agriculture is a multifaceted and cutting-edge industry that incorporates the fundamentals of business activity, including: economics, marketing, sales, law, policy, and international trade.

The agricultural business management major combines core knowledge in agricultural business and economics with skill-building in areas such as animal production and management, crop production, pest management and equipment maintenance.

You will be prepared to succeed in managerial positions in agriculture and agriculture-related businesses, including:

- Farm Management
- Entrepreneurship
- Animal Health Sales
- Agricultural Lobbying
- Agricultural Import/Export
- Advertising

For more information about this major, including contact information, please visit our website (<https://cals.ncsu.edu/agricultural-institute/students/majors/#agribusiness-management>).

Contact

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Plan Requirements

| Code | Title | Hours |
|--|--|-------|
| Orientation | | |
| AGI 101 | Introduction to the Agricultural Institute | 1 |
| or CS 101 | Field Crop and Turfgrass Management Orientation | |
| or HS 101 | Introduction to Ornamentals and Landscape Technology | |
| English | | |
| WRT 111 | Expository Writing ¹ | 3 |
| WRT 114 | Professional Writing, Research and Reporting | 3 |
| Mathematics | | |
| MAA 102 | Mathematics in Agriculture and Related Sciences | 3 |
| MA 103A | Topics in Contemporary Mathematics | 3 |
| General Requirements | | |
| ARE 115 | Agribusiness Accounting | 3 |
| ARE 201A | Introduction to Agricultural & Resource Economics | 3 |
| SOC 203A | Current Social Problems | 3 |
| AGI 191 | Professional Development | 1 |
| AGI 192 | AGI External Learning Experience | 1-3 |
| Humanities/VPA Elective | | 3 |
| GEP Humanities (http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-humanities/) | | |

GEP Visual and Performing Arts (<http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-visual-performing-arts/>)

HESF Requirement

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

Major Requirements

| | | |
|---------------------------|----------------------------------|---|
| ARE 104 | Agricultural Business Management | 3 |
| ARE 106 | Agri Business Law | 3 |
| ARE 132 | Management of Personnel | 3 |
| ANS or PO Elective (p. 1) | | 3 |
| CS or HS Elective (p. 1) | | 3 |
| ENT Elective (p. 1) | | 3 |
| SSC 112 | Principles of Soil Science | 4 |
| ARE Electives (p. 2) | | 9 |

Free Electives

| | |
|----------------|-----|
| Free Electives | 2-5 |
|----------------|-----|

| | |
|--------------------|--------------|
| Total Hours | 61-66 |
|--------------------|--------------|

¹ A grade of C- or higher is required.

ANS and PO Electives

| Code | Title | Hours |
|-------------------|--|-------|
| ANS 101 | Introduction to Livestock and Poultry Industries | 3 |
| PO 201A & PO 202A | Poultry Science and Production and Poultry Science and Production Laboratory | 4 |

CS and HS Electives

| Code | Title | Hours |
|----------|---|-------|
| BAET 135 | Introduction to Precision Agriculture | 3 |
| CS 111 | Field Crop Production | 4 |
| CS 116 | Agronomic Crops - Cotton, Peanuts, and Tobacco | 3 |
| CS 118 | Agronomic Crops - Corn, Small Grains and Soybeans | 3 |
| CS 121 | Turfgrasses and Their Uses | 3 |
| CS 122 | Principles of Turfgrass Management | 3 |
| CS 152 | Weed Control in Field Crops | 3 |
| HS 111 | Plant Identification | 3 |
| HS 115 | Plant Growth and Development | 3 |
| HS 121 | Plant Propagation | 3 |
| HS 141 | Greenhouse Crop Production | 3 |
| HS 144 | Weeds & Diseases of Ornamentals | 3 |
| HS 151 | Nursery Production | 3 |
| HS 162 | Landscape Maintenance | 3 |
| HS 171 | Landscape Construction | 3 |

ENT Electives

| Code | Title | Hours |
|---------|----------------------------------|-------|
| ENT 110 | General Entomology | 3 |
| ENT 121 | Pesticides and Their Utilization | 3 |

| | | |
|---------|---------------------------|---|
| ENT 132 | Urban Pest Management | 3 |
| ENT 163 | Ornamental & Turf Insects | 3 |

ARE Electives

| Code | Title | Hours |
|---------|--|-------|
| ARE 112 | Agricultural & Agribusiness Marketing | 3 |
| ARE 113 | Principles of Salesmanship | 3 |
| ARE 114 | Value Added Agriculture and Niche Marketing | 3 |
| ARE 133 | Agricultural & Environmental Policy | 3 |
| ARE 141 | Personal Financial Management | 3 |
| ARE 194 | International Agribusiness Management Study Abroad | 1-6 |

Semester Sequence

This is a sample.

First Year

| Fall Semester | | Hours |
|--|--|--------------|
| AGI 101 | Introduction to the Agricultural Institute | 1 |
| WRT 111 | Expository Writing ¹ | 3 |
| MAA 102 | Mathematics in Agriculture and Related Sciences ² | 3 |
| ARE 106 | Agri Business Law | 3 |
| ARE 132 | Management of Personnel | 3 |
| ANS and PO Electives (or) ENT Electives ¹ | | 3-4 |
| Hours | | 16-17 |

Spring Semester

| | | |
|-------------------------|--|-----------|
| WRT 114 | Professional Writing, Research and Reporting | 3 |
| MA 103A | Topics in Contemporary Mathematics | 3 |
| ARE 115 | Agribusiness Accounting | 3 |
| AGI 191 | Professional Development | 1 |
| ARE 121 | Agricultural Finance | 3 |
| SOC 203A or SOC 241A | Current Social Problems or Sociology of Agriculture and Rural Society | 3 |
| Hours | | 16 |

Second Year

| Fall Semester | | |
|--|---|--------------|
| ARE 201A | Introduction to Agricultural & Resource Economics | 3 |
| ARE Elective (p. 1) | | 3 |
| SSC 112 | Principles of Soil Science | 4 |
| ANS and PO Electives (or) ENT Elective | | 3-4 |
| AGI 192 | AGI External Learning Experience | 1-3 |
| Free Elective | | 0-2 |
| Hours | | 14-19 |

Spring Semester

| | | |
|---------------------------|----------------------------------|-----|
| ARE 104 | Agricultural Business Management | 3 |
| ARE 121 | Agricultural Finance | 3 |
| OR ARE Elective | | |
| CS and HS Elective (p. 1) | | 3-4 |
| Free Elective | | 2-3 |

GEP Health and Exercise Studies (<http://catalog.ncsu.edu/undergraduate/gep-category-requirements/gep-health-exercise-studies/>) 1

| | |
|----------------------|--------------|
| GEP HUM/VPA Elective | 3 |
| Hours | 15-17 |
| Total Hours | 61-69 |

¹ Must be completed with a C- minus or higher grade for transfer to an NC State baccalaureate program.

² MAA 102 Mathematics in Agriculture and Related Sciences must be completed with a C- minus or higher grade.

Career Opportunities

Career Titles

- Agricultural Inspector
- Animal Breeder
- Animal Husbandry Worker Supervisor
- Aquaculture Specialist
- Bank and Branch Managers
- Buyer
- Crop Workers Supervisor
- Farm and Ranch Manager
- Farm Management Advisor
- Farm Products Purchasing Agent
- Farmers and Ranchers
- Fish Hatchery Manager
- Food & Drug Inspector
- Greenhouse and Nursery Manager
- Horticultural Worker Supervisor
- Industrial Production Managers
- Marketing Managers
- Purchasing Manager
- 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.