



**Department of Agriculture
College of Business & Technology**

A.A.S. in Agriculture

Options: Agricultural Systems, Agribusiness, Livestock, Floriculture/Greenhouse, Landscape Horticulture, Turfgrass

Associate of Applied Science at EKU

The curriculum provides career training to prepare you for a rewarding and successful career in Agriculture. A wide array of jobs are available in government agencies, private and commercial business, agriculture sales and finance. Our program stresses the latest technical information in the classroom with hands-on application through laboratories. Hands-on-training is reinforced through practicums at the university farms and through cooperative education. Our small class size promotes interaction between students and faculty. We are small enough to care for you as an individual but large enough to provide every career opportunity.

Career Opportunities

The practical instruction and hands-on application enables graduates to be an immediate asset to employers. As a graduate, you will join the ranks of successful EKU graduates in areas such as greenhouse and floriculture, horticultural sales, dairy management, agriculture systems, livestock production, landscaping and turf management, feed sales and manufacturing, assistant retail management, machinery sales and service, livestock management, field technicians, golf course management, and floral services. Another option is to work toward a four-year BS Degree after graduation. This can be done with no loss of credit. Many employment agencies are predicting a significant increase in employment opportunities for two-year graduates in the agriculture sciences.

Philosophy

The Department of Agriculture blends scientific theory with practical application and hands-on experiences. Current concepts and theories are presented in the classroom and then applied in the laboratory with the faculty member as the laboratory supervisor using a hands-on approach. Practicum classes at the University facilities and through cooperative education are further utilized to reinforce the practical application of scientific theories. Professors are experienced, enthusiastic, and passionate about providing students the skills necessary to succeed in the ever-changing 21st Century environment.

Department Facilities & Student Organizations

The Agriculture Program at EKU is supported by excellent classroom laboratories and facilities at the A.B. Carter Building. A modern computer laboratory, ag mechanics shop, and a plant science-biotechnology laboratory equipped for research and cell cloning are also available. We operate a 720-acre commercial farm that is modern and includes an agriculture mechanics shop and an onsite classroom. Agriculture enterprises include a 80 sow-farrow to finish swine operation, a 40-ewe flock of sheep, a 140-beef cow herd, a 400-500 beef backgrounding operation, a 50-cow registered Holstein dairy herd, a crop enterprise to produce the forage and grain for the livestock. Students have the opportunity to develop their extracurricular leadership skills through the Agriculture Club, Pre-Vet Club, Colonel Agronomy Club, and DTA, an agricultural honorary society.

Suggested First Semester/First Year

BTO 100	Academic Orientation	1
ENG 101	English Composition	3
AGR 130	Agronomy or	
OHO 131	Horticulture	3
AGR 131	Agronomy Lab or	
OHO 132	Horticulture Lab	1
AGR 213	AG Mechanics	4
AGR 301	Practicum	1
AGR or OHO	Ag Elective	3
Total Hours:		16

For More Information

Office of Admissions
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Eastern Kentucky University
521 Lancaster Avenue
Richmond, KY 40475-3102
800-465-9191
859-622-2106
www.eku.edu

Department of Agriculture
A.B. Carter Building
Eastern Kentucky University
521 Lancaster Avenue
Richmond, KY 40475-3102
859-622-2228
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University requirements for: **Associate of Applied Science in Agriculture (A.A.S.)**

Supporting Course Requirements (20 hours)

BTO 100 (Orientation), six hours of English Composition, three hours of General Education Humanities, Principles of Economics I, Chemistry with Lab, and Mathematics with Applications.

Major Requirements (43 hours)

Principles of Agronomy or Horticulture with Lab, Agricultural Measurements, Principles of Agricultural Mechanics, Principles of Soils, Pest Management, Professional Skills Seminar, Agricultural Economics, 6 hours of practicum, and 3-4 hours of departmental electives, plus one of the following options:

Agricultural Systems Management Option:

Agricultural Machinery and Safety, Directed Work Experience, Hydraulic Systems, Agriculture Structures, and Diesel Power Systems.

Agribusiness Management Option: Principles of Agribusiness Management, Agricultural Marketing, Agriculture Business Records and Analysis, and Agricultural Financing.

Floriculture/Greenhouse Management Option:

Floral Design, Advanced Floral Design, Greenhouse Operation and Management, Greenhouse Management Practicum, and Greenhouse Floral Crops or Production of Foliage Plants.

Landscape Horticulture Option: Deciduous Flowering Trees, Flowering Shrubs, Vines & Broad-leaf Evergreens; Deciduous Shade Trees & Narrow Leaf Evergreens; Landscape Operations Management or Landscape Methods & Related Businesses; and Nursery Production Technology or Nursery Retail Technology.

Livestock Management Option: Principles of Animal Science with Lab, Feeds & Feeding, and Beef Production or Swine Production or Technical Management of Dairy Cattle.

Turfgrass Management Option: Hydraulic Systems, Directed Work Experience, Turfgrass Management, Horticulture Equipment, and Landscape Operations Management.

Free Electives (1 hour)

Total Curriculum Requirements (64 hours)

EASTERN KENTUCKY UNIVERSITY

As you consider where you'll pursue your studies, Eastern Kentucky University encourages you to ask yourself, "What do I want to do with my life?" and "Who can help me reach that destination?"

Before we tell you about EKU, let's focus on your needs. What are you looking for in a college or university?

- Renowned, accessible professors; low student/faculty ratio
- State-of-the-art facilities
- Extensive curriculum
- Wide network of campus organizations
- Affordable cost
- Inviting campus

Achieving your goals depends on the quality of the faculty and curriculum at the school you choose to attend. Every college and university touts facilities, but few can match the accolades of our faculty. At EKU you'll reach beyond the borders of classroom discussion to hands-on experience and networking opportunities with experts in the field.

EKU graduates are world leaders in areas as diverse as international business and homeland security; local, state and national government; as well as drama and law. Campus facilities, such as the Studio for Academic Creativity, which is designed to enhance research, writing, and presentation skills, and our new state-of-the-art science building, ensure our students of exposure to technologies vital to real world success.

We hope you'll see that from our view there no limitations, just possibilities.

- A comprehensive, public university serving more than 16,000 students.
- Undergraduate and graduate excellence through 168 associate, baccalaureate, master's, specialist and cooperative doctoral programs.
- Quality and diversity in faculty and staff.
- Student/professor ratio of 17:1.
- 66-acre main campus in Richmond, regional campuses in Corbin, Danville, Lancaster and Manchester, and higher education centers throughout the Commonwealth.

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