



Department of Agriculture  
*School of Applied Sciences and Technology*  
College of Business & Technology (2018-19)

## Agriculture Minors

### Minor in Agriculture (18 hrs)

A minor consists of 18 hours of agriculture classes arranged between the Department Chair and the student seeking the minor. The objective is to meet the student's need for a minor. Six or more hours shall be upper division courses and a minimum of six hours are to be taken at EKU. Courses counted toward a horticulture major may not be counted toward a minor. Transfer classes are to be evaluated by the Department Chair.

### Minor in Soils (18 hrs)

Courses:

- AGR 130 - Principles of Agronomy
- AGR 131 - Agronomy Lab
- AGR 215 - Principles of Soils
- AGR 216 - Soils Lab
- AGR 340 - Conservation of Agricultural Resources
- AGR 345 – Sustainable Agroecosystems
- AGR 349(1) or AGR 410 – Applied Learning or Special Problems
- AGR 416 - Soil Fertility and Management

At least 6 hours must be taken at EKU. Transfer classes are to be evaluated by the Department Chair. No more than 9 hours of course work taken towards an agriculture major may be counted toward the soils minor.

### 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, a 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.

### For More Information

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