



DISCOVER

University of Kentucky • College of Agriculture

Agricultural Education

Agricultural Education, Communications and Leadership

UK

Bachelor of Science in Agriculture

Effective: July 1, 1994

Options: Besides receiving the B.S. Degree in Agriculture students completing the requirements can obtain a certificate of eligibility to teach agriculture.

Agricultural Education provides a broad background in agriculture combined with expertise in planning, conducting, and evaluating educational programs. Individual guidance by experienced advisors allows you to choose courses that best meet your needs and interests in both agriculture and education.

If you complete the requirements for the teacher education program you will be issued a certificate of eligibility which is good for one year. This allows you to complete a one-year paid internship as a first-year teacher of agriculture. Agricultural Education also allows you to prepare for the Cooperative Extension Service, other governmental positions, or business or industry.

Career Opportunities

This is a good time to choose a career in agricultural education since a shortage of teachers is predicted for the next few years and agribusinesses are expanding their adult education programs. Federal, state, and local government agencies, including the Cooperative Extension Service, also employ agricultural education graduates. In addition, agricultural industry leaders have a continuing need for graduates with backgrounds in agricultural education.

Graduation Requirements

To earn a Bachelor of Science degree in Agriculture with an option in Agricultural Education, you must complete a

minimum of 128 semester hours with at least 48 hours at the 300 level or above. Remedial courses cannot be counted toward the degree. You must have a 2.0 GPA to graduate, and you must complete University Studies Program requirements as well as college, core, and program departmental requirements.

Teacher Certification Requirements

To be certified you must be admitted to the teacher education program (TEP). To be admitted, you must have completed, or complete during the semester in which you apply, 60 semester hours of course work and AED 210 Introduction to Vocational Education and have at least a 2.5 grade point standing (on a 4.0 scale).

Applicants are evaluated on such criteria as an interview, recommendations, scholastic achievement, demonstrated skills, and professional commitment and goals. In addition, you must have three years of agricultural experience since the age of 14. You must also complete at least 50 hours in agriculture courses, including six hours in each of the following areas: animal sciences, plant sciences, soils, agricultural engineering, and agricultural economics (including Farm Management or Agribusiness Management). A professional education component is also required.

You must successfully complete assessment items and portfolio items as required. Further, you must successfully complete the PRAXIS core battery and the PRAXIS II Subtest specialty test in agriculture, scoring above cutoff scores specified by the State Board of Education for each exam. After completing these exams, students hired by Kentucky schools will complete a one-year paid internship as a first-year teacher and will be evaluated at least three times by a three-person committee before certification is completed.

Other agriculture majors can also qualify to teach agricultural education provided they meet current certification requirements.

Note: Because graduation and teacher certification requirements change frequently, students should obtain more complete information from their advisers.

University Studies Program (USP) Requirements

Courses specifically listed in the University Studies outline may also satisfy college, core, program, or specialty support requirements.

I. Basic Skills

A. Mathematics

Completed by one of the following:

1. A score ≥ 26 on mathematics section of ACT **or**
2. A bypass examination **or**
3. MA 109 College Algebra **or**
4. Any calculus course (satisfies section II-A requirement)

B. Foreign Language

Completed by one of the following:

1. Two years of the same foreign language in high school **or**
2. Two courses from an approved USP sequence

II. Inference and Communicative Skills

A. Inference

Completed by one of the following:

1. Any calculus course **or**
2. STA 200 and PHI 120 or PHI 320

B. University Writing

Completed by one of the following:

1. ENG 101/102 Writing I and II **or**
2. Students who score ≥ 29 on English section of ACT and who pass an English proficiency examination may satisfy the University Writing requirement by passing ENG 105 Writing: An Accelerated Course.

C. Communication

Three hours from an approved list.*

* Students who begin their first academic year in the College of Agriculture will satisfy this requirement with GEN 100 and GEN 200 (under College Requirements).

III. Disciplinary Requirements

A. Natural Sciences

Six hours from an approved sequence.

B. Social Sciences

Six hours from an approved sequence.
(GEN 101 and GEN 102 are recommended)

C. Humanities

Six hours from an approved sequence.

IV. Cross Disciplinary Requirements

Six hours from an approved sequence.

(NFS 101 and ANT 235 are recommended)

V. Cross-Cultural Requirement

Three hours from an approved list.

College Requirements:

A. General Requirements

These courses are also included in the core requirements listed below.

GEN 100— Issues in Agriculture: The Development of Modern Agriculture

GEN 200— Issues in Agriculture: Contemporary Problems in Agriculture*

* If you transfer into the College of Agriculture after completing your first academic year in another UK major or at another university, you are required to take only GEN 200.

B. Business or Technical Writing

ENG 203— Writing for Business and Industry **or**

ENG 204— Technical Writing

C. Complete a proposed plan of study for third-fourth years.

Core Requirements: 24 hours

GEN 100— Issues in Agriculture: The Development of Modern Agriculture	3
GEN 200— Issues in Agriculture: Contemporary Problems in Agriculture	3
GEN 101— Economics of Food and Agriculture	3
GEN 102— Dynamics of Rural Social Life	3
AGC 320— Survey of Ag./Consumer Media	3
NFS 101— Food and Nutrition for Man	3
FAM 250— Consumer Issues	3
AED 362— Practicum in Vocational Education	3

Agricultural Education Program Requirements: 21 hours (Professional Education Component)

AED 210— Introduction to Vocational Education	3
AED 580— Methods of Teaching Vocational Education I	3
AED 586— Methods of Teaching Vocational Education II	3
AED 501— Practicum in Vocational Education	12

Specialty Support Requirements: 24-35 hours

During your second year you will develop a Plan of Study, with your advisor's approval, that details the coursework you will take during your third and fourth years. It is recommended that you complete at least two courses from five different agriculture

areas. Your advisor will make recommendations, but the specific courses you take will depend on your interests and academic goals.

Your Plan of Study must be approved by the Agricultural Education undergraduate curriculum committee.

Recommended Courses:

Agricultural Engineering.....	6 hours
Animal Sciences.....	6 hours
Plant Science.....	6 hours
Soil Science.....	6 hours
Agricultural Economics.....	6 hours
<i>(including AEC 302 Agricultural Management Principles or AEC 422 Agribusiness Management)</i>	

Electives

Electives should be selected to complete the 128 semester hours required for graduation.

Suggested Schedule

If you enroll at UK during your first semester, you may follow this suggested schedule. **Use this schedule only as a guide**, since schedules will vary if: you have previously attended another college, you have earned credit by examination or via a high school advanced placement course, or you are not starting in the fall semester. A faculty advisor will be available to assist you in course selection and career planning.

This plan is for students who complete two years of the same foreign language in high school. All other students must complete six hours of foreign language from an approved sequence at the University.

First Year

Fall Semester

ENG 101— Writing I.....	3
MA 109— College Algebra.....	3
GEN 101— The Economics of Food and Agriculture.....	3
ANT 235— Food and Culture.....	3
FAM 250— Consumer Issues.....	3

Spring Semester

ENG 102— Writing II.....	3
GEN 102— The Dynamics of Rural Social Life.....	3
USP Humanities.....	3
MA 123— Elementary Calculus and Its Applications.....	3
GEN 100— The Development of Modern Agriculture.....	3

Second Year

Fall Semester

*Free Elective.....	3
USP Humanities.....	3
AGC/HES 320— Survey of Ag/Consumer Media.....	3
BIO 103 Basic Ideas of Biology.....	3
PLS 104 Plants, Soils, and People: A Global Perspective.....	3

Spring Semester

*Free Elective.....	3
AED 210— Introduction to Vocational Education.....	3
GEN 200— Contemporary Problems in Agriculture and Forestry.....	3
AEN (<i>Agricultural Engineering</i>).....	3
USP Cross Cultural.....	3
Agricultural Electives.....	1-2

*Foreign Language should be taken if not taken in high school

Third Year

Fall Semester

ASC or VS (<i>Animal Science or Vet Science</i>).....	3
PLS (<i>Plant Science</i>).....	3
ENG 203— Business Writing.....	3
NFS 101— Food and Nutrition for Man.....	3
AED 362— Practicum in Vocational Education, Agricultural Communications and Leadership.....	3
PLS (<i>Soils</i>).....	3

Spring Semester

Free Elective.....	3
PLS (<i>Soils</i>).....	3
AEN (<i>Agricultural Engineering</i>).....	3
ASC or VS (<i>Animal Science or Vet Science</i>).....	3
Agriculture Electives.....	6
Free Electives.....	5-7

Fourth Year

Fall Semester

AEC 302— Agricultural Management Principles.....	4 or
AEC 422— Agribusiness Management.....	3
AED 580— Methods of Teaching Vocational Education I.....	3
AED 586— Methods of Teaching Vocational Education II.....	3
AEC (<i>Agricultural Economics</i>).....	3
PLS (<i>Plant Science</i>).....	3
Agriculture Elective.....	2-3
Free Electives.....	3

Spring Semester

AED 501—Practicum in Vocational Education.....	12
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For more information contact:

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The College of Agriculture is an Equal Opportunity Organization.

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