

# Agricultural Economics

College of Agriculture  
and School of Human  
Environmental Sciences

The Agricultural Economics program enables graduates to pursue careers in agribusiness and food industries, international marketing and trade, or farm management and production. Opportunities are also available in public policy for agriculture and rural America and environmental economics. These career opportunities may be found in both the private and public sectors. Economic theory is applied to problems concerning the production, marketing, and distribution of agricultural and food products and also to public policy and natural resource and environmental issues facing rural communities.

Agricultural Economics students choose one of two options – Option A: Agricultural Economics, and Option B: Agribusiness Management and Food Marketing.

## Graduation Requirements

To earn the Bachelor of Science in Agricultural Economics, the student must have a minimum of 120 credit hours with at least a 2.0 grade-point average in one of the two program options. A student must earn a minimum grade of **C** in each of the four agricultural economics courses required in the major. A minimum of 45 credit hours must be from upper division courses (300 and above). Remedial courses may **not** be counted toward the total hours required for the degree. In addition to UK Core requirements, students must complete college, departmental and support requirements.

## Plan of Study

As an agricultural economics major you are required to develop an acceptable **Plan of Study** in your chosen area of emphasis for your junior and senior years. The plan must be signed by your advisor and returned to the Office of Academic Programs.

If you are an upper division transfer student (from another university or from another UK college or department) then you will submit your plan for approval during the first semester you are enrolled in the department.

Consult your academic advisor in developing your Plan of Study.

## College Required Hours

\*GEN 100 Issues in Agriculture ..... 3

**Subtotal: College Required Hours ..... 3**

*\*Except for students who enter the College after having already completed the U.S. Citizenship requirement of the UK Core.*

## UK Core Requirements

See the *UK Core* section of the 2012-2013 *Undergraduate Bulletin* at: [www.uky.edu/Registrar/bulletinCurrent/ukc.pdf](http://www.uky.edu/Registrar/bulletinCurrent/ukc.pdf) for the complete UK Core requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill UK Core areas. Students should work closely with their advisor to complete the UK Core requirements.

### I. Intellectual Inquiry in Arts and Creativity

Choose one course from approved list ..... 3

### II. Intellectual Inquiry in the Humanities

Choose one course from approved list ..... 3

### III. Intellectual Inquiry in the Social Sciences

Choose one course from approved list ..... 3

### IV. Intellectual Inquiry in the Natural, Physical, and Mathematical Sciences

Choose one course from approved list ..... 3

### V. Composition and Communication I

CIS/WRD 110 Composition and Communication I ..... 3

### VI. Composition and Communication II

CIS/WRD 111 Composition and Communication II ..... 3

### VII. Quantitative Foundations

MA 123 Elementary Calculus and Its Applications

or

MA 113 Calculus I ..... 4

### VIII. Statistical Inferential Reasoning

Choose one course from approved list ..... 3

### IX. Community, Culture and Citizenship in the USA

GEN 100 Issues in Agriculture ..... 3

### X. Global Dynamics

Choose one course from approved list ..... 3

**UK Core Hours ..... 31**

## OPTIONS

### Option A: Agricultural Economics

This option provides a program of study for students interested in careers in rural public policy analysis, rural economic development, natural resource and environmental economics, cooperative extension, or a more individualized program.

### Premajor Requirements

**Hours**

ECO 201 Principles of Economics I ..... 3

ECO 202 Principles of Economics II ..... 3

MA 113 Calculus I ..... 4

OR

MA 123 Elementary Calculus and Its Applications

and

MA 162 Finite Mathematics and Its Applications ..... 7

STA 291 Statistical Methods ..... 3

ECO 391 Economic and Business Statistics ..... 3

\*WRD 203 Business Writing ..... 3

**Subtotal: Premajor Hours ..... 19-22**

*\*May be used to satisfy the University Writing Requirement.*

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## Major Requirements Hours

**Note:** Students must receive a grade of **C** or better in each of the following four agricultural economics courses required for graduation:

AEC 302 Agricultural Management Principles .....	4
AEC 303 Microeconomic Concepts in Agricultural Economics .....	3
AEC 305 Food and Agricultural Marketing Principles .....	3
AEC 490 Quantitative Methods and Price Analysis .....	3

**plus** 12 additional hours in the major ..... 12

**Subtotal: Major Hours** ..... **25**

## Specialty Support Hours

ACC 201 Financial Accounting I ..... 3

ACC 202 Managerial Uses of Accounting Information ..... 3

**plus** 15 additional hours of courses at the 200 level or higher to fulfill the student's area of interest and selected with advisor's approval from the following departments: ACC, AEN, AN, ASC, BAE, COM, CS, ECO, ENT, FIN, FOR, MA, MGT, MKT, PLS, PS, PSY, SOC, VS ..... 15

**Subtotal: Specialty Support Hours** ..... **21**

## Electives

Electives should be selected by the student to lead to the minimum total of 120 hours required for graduation.

**Subtotal: Electives** ..... **minimum of 23**

**TOTAL HOURS:** ..... **120**

## Option B: Agribusiness Management and Food Marketing

A student in this option should be qualified for careers in marketing, sales, and management of farms or firms involved in production, financing, processing, marketing and distribution of food and agricultural products, depending on the electives chosen.

## Premajor Requirements Hours

CS 101 Introduction to Computing I ..... 3

ECO 201 Principles of Economics I ..... 3

ECO 202 Principles of Economics II ..... 3

ECO 391 Economic and Business Statistics ..... 3

MA 113 Calculus I ..... 4

**OR**

MA 123 Elementary Calculus and Its Applications

**and**

MA 162 Finite Mathematics and Its Applications ..... 7

STA 291 Statistical Methods ..... 3

\*WRD 203 Business Writing ..... 3

**Subtotal: Premajor Hours** ..... **22-25**

*\*May be used to satisfy the University Writing Requirement.*

## Major Requirements Hours

**Note:** Students must receive a grade of **C** or better in each of the following four agricultural economics courses required for graduation:

AEC 302 Agricultural Management Principles ..... 4

AEC 303 Microeconomic Concepts in Agricultural Economics ..... 3

AEC 305 Food and Agricultural Marketing Principles ..... 3

AEC 422 Agribusiness Management ..... 3

**plus** 12 additional hours in the major ..... 12

**Subtotal: Major Hours** ..... **25**

## Specialty Support Hours

ACC 201 Financial Accounting I ..... 3

ACC 202 Managerial Uses of Accounting Information ..... 3

**plus** completion of the requirements of a minor in Business, plus 3 additional hours of courses at the 200 level or higher selected with advisor's approval from the following departments: ACC, AEN, AN, ASC, BAE, COM, CS, ECO, ENT, FIN, FOR, MA, MGT, MKT, PLS, PS, PSY, SOC, VS ..... 15

**Subtotal: Specialty Support Hours** ..... **21**

## Electives

Electives should be selected by the student to lead to the minimum total of 120 hours required for graduation.

**Subtotal: Electives** ..... **minimum of 23**

**TOTAL HOURS:** ..... **120**