



# 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 128 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 48 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 University Studies 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. Submit the plan for approval to the department's Undergraduate Program Committee and the Director of Undergraduate Studies during the second semester of your sophomore year.

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

ENG 203 Business Writing	or
ENG 204 Technical Writing	..... 3
†GEN 100 Issues in Agriculture: The Development of Modern Agriculture	..... 3
†GEN 200 Issues in Agriculture: Contemporary Problems in Agriculture and Natural Resources	..... 3

†These courses also satisfy the University Studies Oral Communication requirement.

**Note:** Students transferring into the college with 30 or more hours take only GEN 200 plus one communications course from the approved sequence in University Studies.

**Subtotal: College Required Hours** ..... 6-9

### University Studies Requirements Hours

See "University Studies Program" on pages 70-74 of the 2004-2005 UK Bulletin for the complete University Studies requirements. The courses listed below are (a) recommended by the college, or (b) required courses that also fulfill University Studies areas. Students should work closely with their advisor to complete the University Studies Program requirements.

Courses marked with an asterisk (\*) may also be used to satisfy University Studies requirements.

<b>Math</b>	
MA 109 College Algebra	..... 3
<b>Inference-Logic</b>	
MA 123 Elementary Calculus and Its Applications	..... 3
or	
MA 113 Calculus I	..... 4
<b>Social Sciences</b>	
ECO 201 Principles of Economics I	..... 3
One course other than economics from University Studies Program list	..... 3

### 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.

<b>Premajor Requirements</b>	<b>Hours</b>
*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	..... 6
STA 291 Statistical Method	..... 3
ECO 391 Economic and Business Statistics	..... 3
<b>Subtotal: Premajor Hours</b>	<b>16-18</b>

<b>Major Requirements</b>	<b>Hours</b>
<b>Note:</b> Students must receive a grade of <b>C</b> 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 Senior Seminar	..... 3
<b>plus</b> 12 additional hours in the major	..... 12
<b>Subtotal: Major Hours</b>	<b>25</b>

<b>Specialty Support</b>	<b>Hours</b>
ACC 201 Financial Accounting I	..... 3
ACC 202 Managerial Uses of Accounting Information	..... 3
<b>plus</b> 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, ASC, BAE, COM, CS, DIS, ECO, ENT, FIN, FOR, MA, MGT, MKT, PLS, PS, PSY, SOC, VS	..... 15
<b>Subtotal: Specialty Support Hours</b>	<b>21</b>

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## Electives

Electives should be selected by the student to lead to the minimum total of 128 hours required for graduation.

**Subtotal: Electives** ..... **minimum of 28**  
**TOTAL HOURS:** ..... **128**

## 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.

<b>Premajor Requirements</b>	<b>Hours</b>
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
<b>OR</b>	
*MA 123 Elementary Calculus and Its Applications	
<b>and</b>	
MA 162 Finite Mathematics and Its Applications .....	6
STA 291 Statistical Method .....	3
<b>Subtotal: Premajor Hours</b> .....	<b>19-21</b>

## 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
<b>plus 12 additional hours in the major</b> .....	<b>12</b>
<b>Subtotal: Major Hours</b> .....	<b>25</b>

## Specialty Support

## Hours

ACC 201 Financial Accounting I .....	3
ACC 202 Managerial Uses of Accounting Information .....	3
<b>plus</b> 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, ASC, BAE, COM, CS, DIS, ECO, ENT, FIN, FOR, MA, MGT, MKT, PLS, PS, PSY, SOC, VS .....	<b>15</b>
<b>Subtotal: Specialty Support Hours</b> .....	<b>21</b>

## Electives

Electives should be selected by the student to lead to the minimum total of 128 hours required for graduation.

**Subtotal: Electives** ..... **minimum of 25**  
**TOTAL HOURS:** ..... **128**