



# EASTERN KENTUCKY UNIVERSITY

## College of Business & Technology

### SUGGESTED CURRICULUM GUIDE FOR AGRICULTURE (B.S. DEGREE) AGRICULTURE SYSTEMS MANAGEMENT OPTION – Fall 2009

#### Freshman (1<sup>st</sup> Semester) 15 hrs

BTO 100\* Orientation (1 hr)  
 AGR 125 Principles of Animal Science  
 AGR 126 Animal Science Lab (1 hr)  
 AGR 130 Principles of Agronomy  
 AGR 131 Agronomy Lab (1 hr)  
 Block I-A\* ENG 101 English I  
 Block II MAT 105 Mathematics

#### Sophomore (1<sup>st</sup> Semester) 17 hrs

AGR 215 Soils  
 AGR 308 Agribusiness  
 AGR 362 Hydraulics (2 hrs)  
 AGR 301/302 or 349 Practicum  
 Block I-C CMS 100 Communication  
 Block VI Wellness

#### Junior (1<sup>st</sup> Semester) 16 hrs

AGR 304 Pest Management (4 hrs)  
 AGR/OHO Elective\*  
 ACC 201 Introduction to Financial Accounting  
 Block III-B Humanities  
 Block V-A History

#### Senior (1<sup>st</sup> Semester) 16 hrs

AGR 383 Diesels  
 AGR 409 AG. Records and Analysis  
 Block VII CIS 212, CCT 201, or CSC 104  
 Block VIII Depth of Knowledge  
 Free Elective (4 hrs)

#### Freshman (2<sup>nd</sup> Semester) 16 hrs

AGR 210 Agricultural Measurements (2 hrs)  
 AGR 213 Agricultural Mechanics (4 hrs)  
 Block I-B ENG 102 English II  
 Block IV-B Chemistry  
 Block IV-B Chemistry Lab (1 hr)  
 Block V-B ECO 230 Principles of Microeconomics

#### Sophomore (2<sup>nd</sup> Semester) 16 hrs

AGR 318 Soil/Water Conservation  
 AGR 272 Agriculture Machinery and Safety  
 AGR 301 or 349 Practicum (1 hr)  
 Block IV Bio 121 Biology (4 hrs)  
 Block III-A Art  
 Free Elective (2 hrs)

#### Junior (2<sup>nd</sup> Semester) 16 hrs

AGR 305 Professional Skills Seminar (1 hr)  
 AGR 310 or 350 Agribusiness or Marketing  
 AGR/OHO Elective\* (6 hrs)  
 Block V-C History or Social Science  
 Block VII Breadth of Knowledge

#### Senior (2<sup>nd</sup> Semester) 16 hrs

AGR 381 Agriculture Structures  
 AGR 411 Senior Seminar (1 hr)  
 AGR/OHO Elective\*  
 Block VIII Depth of Knowledge  
 Free Electives\* (6 hrs)  
 BTS 400 Business & Technology Seminar (0 credit)\*\*

\*Ag electives may be AGR or OHO but must be upper division (>300). EKU requires a minimum of 128 cr hrs with at least 43 hrs being upper division (AGR electives=12 credits; Free Electives=12 credits).

\*\* Spring only

#### BACHELOR OF SCIENCE - Department of Agriculture Agriculture Area Major, Agriculture Systems Management Option

University Requirements .....	1 hr
BTO 100	
General Education Requirements.....	36 hrs
Standard General Education program, excluding general education course blocks IVA, IVB, VB, and VII (QS). Refer to Section Four of the <i>Undergraduate Catalog</i> for details on the General Education and University requirements.	
College Requirement: Professional Skills Seminar	
BTS 400 (CR)	
Supporting Course Requirements .....	17 hrs
ACC 201, BIO 121, CHE 101 and CHE 107 (1), ECO 230; CIS 212 or CCT 201 or CSC 104	
Free Electives.....	15 hrs
Core.....	44 hrs
AGR 125, 126, 130, 131 210, 213, 215, 304, 308, 310 or 350, 411; four hrs from AGR 301, 302, or 349; and 12 hrs of upper division AGR and/or OHO electives.	
Major Requirements.....	14 hrs
AGR 272, 318, 362, 381, 383	
Total Curriculum Requirements.....	128 hrs



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**SUGGESTED ELECTIVE COURSES FOR AGRICULTURE SYSTEMS OPTION**

- |  |                                |
|--|--------------------------------|
| AGR 311 Agriculture Metal Fabrication  | AGR 440 Agricultural Financing |
| AGR 340 Conservation of Ag Resources   | OHO 352 Horticulture Equipment |
| AGR 345 Sustainable Agroecosystems     | OHO 354 Irrigation Systems     |
| AGR 409 Ag Business Records & Analysis |                                |

**POTENTIAL JOB OPPORTUNITIES WITH A B.S. IN AGRICULTURE  
 AGRICULTURE SYSTEMS OPTION**

Agribusiness Service Manager	Manages retail business involving sales of agricultural supplies; has responsibilities for all aspects of the business management	\$30,000+
Agribusiness Service Sales	Sells to retail customers; keeps records of inventory; purchases, sells and demonstrates merchandise to potential customers	\$30,000+

**FOR MORE INFORMATION CONTACT:**

**Department of Agriculture**

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