



EASTERN KENTUCKY UNIVERSITY

College of Business & Technology

SUGGESTED CURRICULUM GUIDE FOR AGRICULTURE (B.S. DEGREE) AGRONOMY & NATURAL RESOURCES OPTION – Fall 2009

Freshman (1st 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 (or higher) Mathematics

Sophomore (1st Semester) 17 hrs

- AGR 308 Agribusiness
- AGR 215 Soils
- AGR 321 Feeds & Feeding (4 hrs)
- AGR 301/302 or 349 Directed Work or Co-op (1 hr)
- Block III-B Humanities
- Block VI Wellness

Junior (1st Semester) 16 hrs

- AGR 304 Pest Management (4 hrs)
- AGR/OHO* Elective (3 hrs)
- Block I-C CMS 100 Communication
- Block VII Breadth of Knowledge
- Block VIII Depth of Knowledge

Senior (1st Semester) 17 hrs

- AGR 416 Soil Fertility
- AGR/OHO* Elective
- Block VII CIS 212, CCT 201, or CSC 104
- Block V-C History or Social Science
- Free Elective (5 hrs)

Freshman (2nd Semester) 16 hrs

- AGR 210 Agricultural Measurements (2 hrs)
- AGR 213 Agricultural Mechanics (4 hrs)
- Block V-B ECO 230 Principles of Microeconomics
- Block IV-B CHE 101 Chemistry in Everyday Life
- Block IV-B CHE 107 Introductory Chemistry Lab (1 hr)
- Block I-B ENG 102 English II

Sophomore (2nd Semester) 15 hrs

- AGR 315 Soils Lab (2 hrs)
- AGR 301/302 or 349 Directed Work or Co-op (3 hrs)
- Block IV-A BIO 121 Principles of Biology (4 hrs)
- Block III-A Arts
- Free Elective (3 hrs)

Junior (2nd Semester) 16 hrs

- AGR 312 or 345 Forages or Agroecosystems
- AGR 310 or 350 Agribusiness Mgt. or Marketing
- AGR 305 Professional Skills Seminar (1 hr)
- AGR/OHO* Elective
- ACC 201 Introduction to Financial Accounting
- Free Elective (2 hrs)

Senior (2nd Semester) 16 hrs

- AGR 340 Conservation of Agr. Resources
- AGR 411 Senior Seminar (1 hr)
- AGR/OHO* Elective
- Block V-A History
- Block VIII Depth of Knowledge
- Free Electives (3 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=13 credits).

** Spring only

BACHELOR OF SCIENCE - Department of Agriculture Agriculture Area Major, Agronomy and Natural Resources 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.....	15 hrs
AGR 312 or 345; 315, 321, 340, and 416	
Total Curriculum Requirements	128 hrs



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SUGGESTED ELECTIVE COURSES FOR AGRIBUSINESS MANAGEMENT OPTION

AGR 327 Beef Production	AGR 250 Light Horse Production
AGR 383 Diesel Power Systems	AGR 332 Poultry Production
AGR 272 Agricultural Machinery & Safety	AGR 330 Meat Identification & Consumer Eval.
AGR 374 Genetics of Livestock	AGR 373 Animal Diseases
AGR 376 Anatomy & Physiology of Domestic Animals	AGR 350 Agricultural Marketing
AGR 440 Agricultural Financing	AGR 380 Management of Dairy Cattle
AGR 375 Reproduction & A.I. of Domestic Animals	AGR 421 Animal Nutrition

POTENTIAL JOB OPPORTUNITIES WITH A B.S. IN AGRICULTURE AGRONOMY & NATURAL RESOURCES OPTION

Environmental Educator	Teaching natural history in the field and classroom	\$ 30,000+
Soil Conservationist	State, Federal and private land manager of natural resources	\$30,000+
Water Quality Specialist	Monitoring and researching into water quality programs	\$30,000+
Environmental Resource Agent	Monitoring and researching into water quality programs	\$30,000+
Mining Reclamation Specialist	State reclamation of abandoned mining sites	\$30,000+
Laboratory Technician	Assisting in the design and implementation of research experiments	\$35,000+
Air Quality Specialist	Monitoring and research into air quality problems	\$32,000+
Agronomist	State, Federal, and private land manager of natural resources	\$29,000+
Extension/4-H Agent	Develop local agriculture and youth programs	\$35,000+

FOR MORE INFORMATION CONTACT:

Department of Agriculture

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