



EASTERN KENTUCKY UNIVERSITY

College of Business & Technology

SUGGESTED CURRICULUM GUIDE FOR AGRICULTURE (B.S. DEGREE) DAIRY HERD MANAGEMENT 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) 16 hrs

- AGR 308 Agribusiness
- AGR/OHO* Elective
- AGR 301/302 or 349 Practicum
- Block IV-B CHE 101 Chemistry in Everyday Life
- Block IV-B CHE 107 Introductory Chemistry Lab (1 hr)
- Block VI Wellness

Junior (1st Semester) 16 hrs

- AGR 321 Feeds & Feeding (4 hrs)
- ACC 201 Introduction to Financial Accounting
- Block VII CIS 212, CCT 201, or CSC 104
- Block VIII Depth of Knowledge
- Free Elective (up to 3 hrs)

Senior (1st Semester) 16 hrs

- AGR 304 Pest Management (4 hrs)
- Block V-C History or Social Science
- Block VIII Depth of Knowledge
- Free Elective (6 hrs)

Freshman (2nd Semester) 15 hrs

- AGR 210 Agricultural Measurements (2 hrs)
- AGR 225 Evaluation & Selection of Livestock
- AGR 213 Agricultural Mechanics (4 hrs)
- Block I-B ENG 102 English II
- Block V-B ECO 230 Principles of Microeconomics

Sophomore (2nd Semester) 17 hrs

- AGR 215 Soils
- AGR 301/302 or 349 Practicum (1 hr)
- Block IV-A BIO 121 Principles of Biology (4 hrs)
- Block I-C CMS 100 Communication
- Block III-A Arts
- Free Elective (3 hrs)

Junior (2nd Semester) 16 hrs

- AGR 305 Professional Skills Seminar (1 hr)
- AGR 375 Reproduction & A.I.
- AGR 310 or 350 Agribusiness or Marketing
- AGR* Elective (6 hrs)
- Block V-A History

Senior (2nd Semester) 17 hrs

- AGR 380 Dairy Cattle Management (4 hrs)
- AGR 411 Senior Seminar (1 hr)
- AGR* Elective
- Block III-B Humanities
- Block VII Breadth 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, Dairy Herd 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	16 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 225, 321, 375, and 380	
Total Curriculum Requirements.....	128 hrs



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SUGGESTED ELECTIVE COURSES FOR DAIRY MANAGEMENT OPTION

AGR 250 Light Horse Production	AGR 374 Genetics of Livestock
AGR 312 Advanced Crops: Forages	AGR 328 Swine Production
AGR 330 Meat Identification & Consumer Eval.	AGR 376 Anatomy & Physiology
AGR 332 Poultry Production & Management	AGR 327 Beef Production
AGR 340 Conservation of Agricultural Resources	AGR 409 Agriculture Records & Analysis
AGR 345 Sustainable Agroecosystems	AGR 421 Animal Nutrition
AGR 350 Agricultural Marketing	AGR 440 Agricultural Financing
AGR 373 Animal Diseases	

POTENTIAL JOB OPPORTUNITIES WITH A B.S. IN AGRICULTURE DAIRY MANAGEMENT OPTION

Dairy Herdsman	Management and planning of dairy enterprise	\$25,000 + \$35,000
Laboratory Technician	Assisting in the designing and implementing of research experiments/commercial laboratory technician	\$30,000+
Agriculture Loan Officer	Evaluating and making recommendation on farm financial situations	\$30,000+
Extension/4-H Agent	Develop local agriculture and youth programs	\$30,000+
Pharmaceutical Sales	Represent pharmaceutical companies to local agriculture stores and farmers	\$30,000+
Feed Sales Representative	Represent feed companies to local agriculture stores and farmers	\$30,000+
Genetics/AI	Work with farmers and AI organizations in promotion of purebred dairy industry	\$30,000+
Dairy Equipment Sales	Work with farmers in sales and maintenance of milking equipment	\$30,000+

FOR MORE INFORMATION CONTACT:

Department of Agriculture

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