

**DEPARTMENT OF AGRICULTURE  
BACHELOR OF SCIENCE  
AGRIBUSINESS MAJOR  
ANIMAL SCIENCE OPTION  
Effective Fall Semester 2009**

The BS in Agribusiness/Animal Science Option prepares students for positions in management, sales, marketing, finance, policy, production and related areas in the animal industry. It can also provide the basis for graduate work leading to a MS or PhD. This option is designed for students who complete all four years at Southeast and for students transferring to Southeast with an AA degree.

**CURRICULUM CHECKLIST**

**UNIVERSITY STUDIES (53 hours)**

<input type="checkbox"/> UI 100 First Year Seminar	3
<input type="checkbox"/> Artistic Expression	3
<input type="checkbox"/> Literary Expression	3
<input type="checkbox"/> Oral Expression	3
<input type="checkbox"/> EN 100 English Composition	3
<input type="checkbox"/> Written Expression	3
<input type="checkbox"/> Behavioral Systems	3
<input type="checkbox"/> Living Systems	3
<input type="checkbox"/> MA 134 College Algebra (Logical Systems)	3
<input type="checkbox"/> CH 181 Basic Principles of Chemistry OR CH 185 General Chemistry I (Physical Systems)	5
<input type="checkbox"/> Development of a Major Civilization	3
<input type="checkbox"/> Economics Systems	3
<input type="checkbox"/> Political Systems	3
<input type="checkbox"/> Social Systems	3
<input type="checkbox"/> UI 3xx Interdisciplinary University Studies Course (UI344 recommended)	3
<input type="checkbox"/> UI 3xx Interdisciplinary University Studies Course	3
<input type="checkbox"/> UI 436 Agricultural Ethics- University Studies Senior Seminar	3
<input type="checkbox"/> MAPP Academic Proficiency & Progress Test (to be taken after completing 75 hours)	0
<input type="checkbox"/> WP003 Writing Proficiency Exam (to be taken after completing 75 hours)	0
<input type="checkbox"/> CL001 <input type="checkbox"/> CL002 <input type="checkbox"/> CL003 <input type="checkbox"/> CL004    Career Linkages Requirements	0

**AGRIBUSINESS CORE (37 Hours)**

<input type="checkbox"/> AC 221 Principles of Accounting I	3
<input type="checkbox"/> AD 101 Introduction to Microcomputer Applications	3
<input type="checkbox"/> AG 245 Agricultural Economics	3
<input type="checkbox"/> AG 250 Agribusiness Management	3
<input type="checkbox"/> AG 334 Agribusiness Finance	3
<input type="checkbox"/> AG 355 Agriculture Seminar	1
<input type="checkbox"/> AG 447 Marketing of Agricultural Products	3
<input type="checkbox"/> AG 465 Agriculture Internship or AG 469 Undergraduate Research	3
<input type="checkbox"/> AG 470 Agribusiness Sales	3
<input type="checkbox"/> AO 120 Plant Science	3
<input type="checkbox"/> AO 125 Plant Science Lab	1
<input type="checkbox"/> AY 101 Animal Science	3
<input type="checkbox"/> HO 130 Plant Identification and Use I	3

**ANIMAL SCIENCE OPTION (30 Hours)**

<input type="checkbox"/> AY 105 Animal Science Lab	2
<input type="checkbox"/> AY 205 Horse Science	3
<input type="checkbox"/> AY 304 Principles of Animal Nutrition	3
<input type="checkbox"/> AY 305 Advanced Horse Science	3
<input type="checkbox"/> AY 311 Animal Breeding	3
<input type="checkbox"/> AY 405 Beef Production	3
Electives (AG, AO, AY, HO)	15

**SUGGESTED PROGRAM OF STUDY**  
**BS in Agribusiness/Animal Science**  
**Effective Fall Semester 2009**

The suggested program rotation below does not include AG-465 Agriculture Internship or AG 469 Undergraduate Research even though one of these is required for graduation. These experiential-learning courses are often completed during a summer term, which is how the following class-rotation schedule is presented. Adjustments can be made depending on student internships and other factors that require variations. These should be made in collaboration with your academic advisor. This program is designed for students who complete all four years at Southeast. Transfer students should consult the Transfer Handbook developed by Southeast and your community college for a suggested program of study appropriate for your situation, or consult with your Southeast advisor.

**FRESHMAN FALL SEMESTER (15 hrs)**

AO 120/125 Plant Science (4)  
AY 101/105 Animal Science (5)  
AY 205 Horse Science (3)  
UI 100 First Year Seminar (3)  
CL001 Career Linkages 1<sup>st</sup> Requirement

**FRESHMAN SPRING SEMESTER (15 hrs)**

AD 101 Intro to Microcomputer Applications (3)  
AG 245 Agricultural Economics (3)  
AY 304 Principles of Animal Nutrition (3)  
HO 130 Plant Identification and Use I (3)  
EN 100 English Composition (3)  
CL002 Career Linkages 2<sup>nd</sup> Requirement

**SOPHOMORE FALL SEMESTER (14 hrs)**

AY 305 Advanced Horse Science (3)  
CH181 Bas Prin Chem/CH185 Gen Chem I (5)  
Written Expression  
MA 134 College Algebra (3)

**SOPHOMORE SPRING SEMESTER (15 hrs)**

AC 221 Principles of Accounting I (3)  
AG 250 Agribusiness Management (3)  
Elective (AG, AO, AY or HO; 3)  
Artistic Expression (3)  
Behavioral Systems (3)

**JUNIOR FALL SEMESTER (16 hrs)**

AY 405 Beef Production (3)  
Economics Systems (3)  
Oral Expression (3)  
Literary Expression (3)  
AG 355 Agriculture Seminar (1)  
Elective (AG, AO, AY or HO; 3)  
CL003 Career Linkages 3<sup>rd</sup> Requirement

**JUNIOR SPRING SEMESTER (15 hrs)**

AG 334 Agribusiness Finance (3)  
AG 470 Agribusiness Sales (3)  
UI 3xx Interdisciplinary University Studies (3)  
Living Systems (3)  
Political Systems (3)  
WP003 Writing Proficiency Exam  
MAPP Academic Proficiency & Progress Test

**SENIOR FALL SEMESTER (15 hrs)**

AG 447 Marketing Agricultural Products (3)  
Elective (AG, AO, AY or HO; 3)  
Development of a Major Civilization (3)  
Social Systems (3)  
UI 3xx Interdisciplinary University Studies (3)  
CL004 Career Linkages 4<sup>th</sup> Requirement

**SENIOR SPRING SEMESTER (12 hrs)**

AY 311 Animal Breeding (3)  
UI 436 Agricultural Ethics (Univ Studies Senior Seminar; 3)  
Elective (AG, AO, AY or HO; 3)  
Elective (AG, AO, AY or HO; 3)

**120 Hours**