

DEPARTMENT OF AGRICULTURE

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Professors:
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The Agriculture Department includes programs of study as follows:

1. A four-year curriculum in agriculture business, with horticulture and animal science, pest management and pre-veterinary medicine options, leading to a bachelor of science degree.
2. Pre-veterinary medicine - Through proper advising and taking courses in proper sequence, students can meet the minimum course requirements for entrance into Louisiana State University, University of Missouri, Oklahoma State University, Tuskegee Institute, and other institutions offering the D.V.M degree in two years.

The objectives of the department are to:

1. provide a balanced educational program with relatively broad interdisciplinary training as opposed to narrow specialization, thus preparing the student for success in his/her chosen field and in his/her citizenship responsibilities.
2. serve and assist the student in educational and personal problems through active faculty counseling.
3. assist the student in development and improvement of leadership abilities through encouragement of active participation in activities of the Agri Club, FFA Day and other extracurricular activities.

The baccalaureate degree program in agri-business integrates the discipline of agriculture, business, accounting, economics, and finance. Emphasis is placed on management directed toward the farm business and agri-business firms.

Trends in occupations related to agriculture are shifting from production to agri-business services such as management, processing, distribution, and marketing. This creates a need for personnel with a broad background in these areas of training. Our systems concept is geared to integration of disciplines to better prepare graduates for present day needs.

Attractive career opportunities exist in agricultural business firms, banks and other financial agencies, marketing, food processing, extension, soil conservation, forestry, farm and agri-business management, and sales and distribution firms.

The curricula that follow represent the program of study for the four-year degree in agri-business, including the horticulture, animal science, pest management and pre-veterinary medicine options. Students enrolled in programs other than agri-business may want to tailor their curriculum to best meet their individual needs.

Curriculum in Agriculture Business

Degree Completion Plan Beginning in Fall Semester							
Freshman			Sophomore				
Fall	Spring		Fall	Spring			
ENGL 1013 ^{1, T}	3	ENGL 1023 ^{1, T}	3	BUAD 2033 ^T	3	AGBU 2073	3
BIOL 1014 ^T	4	AGPS 1024	4	AGBU 2063	3	AGSS 2014	4
AGAS 1014	4	AGBU 1013	3	ACCT 2003 ^T	3	Fine Arts ^{1, T}	3
MATH 1113 ^T	3	Physical Activity ^{1, T}	1	SPH 2173 ^T	3	MATH 2163 ^T	3
AGPS 1003	3	COMS 1003 ^T	3	CHEM 1114 ^T	4	Social Sciences ^{1, T}	3
Total Hours	17	Total Hours	14	Total Hours	16	Total Hours	16
Junior			Senior				
Fall	Spring		Fall	Spring			
Elective ^{3, T}	3	Elective ^{3, T}	2	AGBU 4003	3	AGBU 4023	3
AGPS 3244	4	Agriculture Elective ²	6	Agriculture Elective ²	6	Agriculture Elective ²	6
AGBU 3213	3	Physical Activity ^{1, T}	1	Social Sciences ^{1, T}	3	Elective ^{3, T}	3
AGEG 3413	3	Social Sciences ^{1, T}	6	AGBU 4013	3	AGBU 4033	3
Humanities ^{1, T}	3						
Total Hours	16	Total Hours	15	Total Hours	15	Total Hours	15
Degree Completion Plan Beginning in Spring Semester							
Freshman			Sophomore				
Spring		Fall	Spring		Fall		
ENGL 1013 ^{1, T}	3	ENGL 1023 ^{1, T}	3	AGBU 2073	3	BUAD 2033 ^T	3
COMS 1003 ^T	3	BIOL 1014 ^T	4	MATH 2163 ^T	3	AGBU 2063	3
AGBU 1013	3	AGAS 1014	4	AGSS 2014	4	ACCT 2003 ^T	3
AGPS 1024	4	AGPS 1003	3	Fine Arts ^{1, T}	3	CHEM 1114 ^T	4
Physical Activity ^{1, T}	1	MATH 1113 ^T	3	Social Sciences ^{1, T}	3	SPH 2173 ^T	3
Total Hours	14	Total Hours	17	Total Hours	16	Total Hours	16
Junior			Senior				
Spring		Fall	Spring		Fall		
Social Sciences ^{1, T}	6	Elective ^{3, T}	3	AGBU 4023	3	AGBU 4003	3
Agriculture Elective ²	6	AGPS 3244	4	AGBU 4033	3	Agriculture Elective ²	6
Elective ^{3, T}	2	AGEG 3413	3	Agriculture Elective ²	6	Social Sciences ^{1, T}	3
Physical Activity ^{1, T}	1	AGBU 3213	3	Elective ^{3, T}	3	AGBU 4013	3
		Humanities ^{1, T}	3				
Total Hours	15	Total Hours	16	Total Hours	15	Total Hours	15

¹See appropriate alternatives or substitutions in "General Education Requirements" on page 88. (Except ECON 2003).

²Must be 3000-4000 level.

³Recommended electives are SPAN 1014 and SPAN 1024.

^T Designates a block of courses that would provide for a seamless transfer into this program if equivalent courses are taken at another college or university

**Curriculum in Agriculture Business
(Horticulture Option)**

Degree Completion Plan Beginning in Fall Semester					
Freshman			Sophomore		
Fall	Spring		Fall	Spring	
ENGL 1013 ^{1, T}	3	ENGL 1023 ^{1, T}	3	BUAD 2033 ^T	3
BIOL 1014 or 2134 ^T	4	AGPS 1024	4	AGBU 2063	3
AGAS 1014	4	AGBU 1013	3	ACCT 2003 ^T	3
MATH 1113 ^T	3	Physical Activity ^{1, T}	1	SPH 2173 ^T	3
AGPS 1003	3	COMS 1003 ^T	3	CHEM 1114	4
Total Hours	17	Total Hours	14	Total Hours	16
Junior			Senior		
Fall	Spring		Fall	Spring	
AGPS 3093	3	Elective ^{3, T}	1	AGBU 4003	3
AGPS 3244	4	Physical Activity ^{1, T}	1	Social Sciences ^{1, T}	3
Elective ^{3, T}	3	AGPS 3064	4	AGPM 3104 or AGPS 3053 and AGBU 4991	4
AGBU 3213	3	AGPS 3044	4	AGPS 3074	4
Humanities ^{1, T}	3	Social Sciences ^{1, T}	6	AGBU 4013	3
Total Hours	16	Total Hours	16	Total Hours	12
Degree Completion Plan Beginning in Spring Semester					
Freshman			Sophomore		
Spring	Fall		Spring	Fall	
ENGL 1013 ^{1, T}	3	ENGL 1023 ^{1, T}	3	AGBU 2073	3
COMS 1003 ^T	3	AGAS 1014	4	AGSS 2014	4
AGPS 1024	4	BIOL 1014 or 2134 ^T	4	MATH 2163 ^T	3
Physical Activity ^{1, T}	1	MATH 1113 ^T	3	Fine Arts ^{1, T}	3
AGBU 1013	3	AGPS 1003	3	Social Sciences ^{1, T}	3
Total Hours	14	Total Hours	17	Total Hours	16
Junior			Senior		
Spring	Fall		Spring	Fall	
Elective ^{3, T}	1	AGPS 3093	3	AGPS 3083	3
AGPS 3044	4	AGPS 3244	4	AGBU 4023	3
Physical Activity ^{1, T}	1	Elective ^{3, T}	3	AGBU 4033	3
AGPS 3064	4	AGBU 3213	3	AGPS 4103	3
Social Sciences ^{1, T}	6	Humanities ^{1, T}	3		
Total Hours	16	Total Hours	16	Total Hours	12
Total Hours	16	Total Hours	16	Total Hours	17

¹See appropriate alternatives or substitutions in "General Education Requirements" on page 88 (Except ECON 2003).

²Must be 3000 - 4000 level.

³Recommended electives are SPAN 1014 and SPAN 1024.

^T Designates a block of courses that would provide for a seamless transfer into this program if equivalent courses are taken at another college or university

**Curriculum in Agriculture Business
(Animal Science Option)**

Degree Completion Plan Beginning in Fall Semester							
Freshman			Sophomore				
Fall	Spring		Fall	Spring			
ENGL 1013 ^{1, T}	3	ENGL 1023 ^{1, T}	3	CHEM 1114 ^T	4	AGAS 2083	3
BIOL 1014 or 2124 ^T	4	AGPS 1024	4	SPH 2173 ^T	3	AGBU 2073	3
AGAS 1014	4	AGBU 1013	3	AGBU 2063	3	MATH 2163 ^T	3
AGPS 1003	3	COMS 1003 ^T	3	BUAD 2033 ^T	3	AGSS 2014	4
MATH 1113 ^T	3	Physical Activity ^{1, T}	1	ACCT 2003 ^T	3	Social Sciences ^{1, T}	3
Total Hours	17	Total Hours	14	Total Hours	16	Total Hours	16
Junior			Senior				
Fall	Spring		Fall	Spring			
Humanities ^{1, T}	3	Social Sciences ^{1, T}	6	AGBU 4003	3	AGAS 4203	3
Elective ^{2, T}	3	Poultry Science ³	3	AGBU 4013	3	Social Sciences ^{1, T}	3
AGBU 3213	3	Physical Activity ^{1, T}	1	Elective ^{2, T}	2	AGBU 4023	3
AGAS 3004	4	Fine Arts ^{1, T}	3	AGAS 3014	4	AGBU 4033	3
AGEG 3413	3	AGAS 3104	4	AGPS 3244	4		
Total Hours	16	Total Hours	17	Total Hours	16	Total Hours	12
Degree Completion Plan Beginning in Spring Semester							
Freshman			Sophomore				
Spring	Fall		Spring	Fall			
ENGL 1013 ^{1, T}	3	ENGL 1023 ^{1, T}	3	AGAS 2083	3	ACCT 2003 ^T	3
AGPS 1024	4	MATH 1113 ^T	3	AGBU 2073	3	SPH 2173 ^T	3
AGBU 1013	3	AGPS 1003	3	MATH 2163 ^T	3	AGBU 2063	3
COMS 1003 ^T	3	AGAS 1014	4	AGSS 2014	4	CHEM 1114 ^T	4
Physical Activity ^{1, T}	1	BIOL 1014 or 2124 ^T	4	Social Sciences ^{1, T}	3	BUAD 2033 ^T	3
Total Hours	14	Total Hours	17	Total Hours	16	Total Hours	16
Junior			Senior				
Spring	Fall		Spring	Fall			
Social Sciences ^{1, T}	6	Humanities ^{1, T}	3	AGAS 4203	3	AGBU 4003	3
Poultry Science ³	3	AGBU 3213	3	Social Sciences ^{1, T}	3	AGBU 4013	3
AGAS 3104	4	Elective ^{2, T}	3	AGBU 4023	3	Elective ^{2, T}	2
Fine Arts ^{1, T}	3	AGAS 3004	4	AGBU 4033	3	AGAS 3014	4
Physical Activity ^{1, T}	1	AGEG 3413	3			AGPS 3244	4
Total Hours	17	Total Hours	16	Total Hours	12	Total Hours	16

¹See appropriate alternatives or substitutions in "General Education Requirements" on page 88. (Except ECON 2003).

²Must be 3000 - 4000 level.

³One of the following AGAS 3303, 3323, 3333, or 4303.

^TDesignates a block of courses that would provide for a seamless transfer into this program if equivalent courses are taken at another college or university

**Curriculum in Agriculture Business
(Pest Management Option)**

Degree Completion Plan Beginning in Fall Semester							
Freshman			Sophomore				
Fall	Spring	Fall	Fall	Spring	Spring	Spring	
AGAS 1014	4	AGPS 1024	4	ACCT 2003 ^T	3	AGBU 2073	3
AGPS 1003	3	AGBU 1013	3	AGBU 2063	3	AGSS 2014	4
BIOL 1014 ^T	4	COMS 1003 ^T	3	BUAD 2033 ^T	3	Fine Arts ^{1, T}	3
ENGL 1013 ^{1, T}	3	ENGL 1023 ^{1, T}	3	SPH 2173 ^T	3	MATH 2163 ^T	3
MATH 1113 ^T	3	Physical Activity ^{1, T}	1	CHEM 1114 ^T	4	Social Science ^{1, T}	3
Total Hours	17	Total Hours	14	Total Hours	16	Total Hours	16
Junior			Senior				
Fall	Spring	Fall	Fall	Spring	Spring	Spring	
AGBU 3213	3	Agriculture Elective ³	1	AGBU 4003	3	AGBU 4023	3
AGEG 3413	3	Elective ^{2, T}	2	AGBU 4013	3	AGBU 4033	3
AGPS 3244	4	AGPM 3124	4	AGPS 3053	3	AGPM 4103	3
AGPM 3104	4	Social Sciences ^{1, T}	6	Elective ^{2, T}	3	AGPS 4103	3
Humanities ^{1, T}	3	Physical Activity ^{1, T}	1	Social Sciences ^{1, T}	3	Elective ^{2, T}	3
Total Hours	17	Total Hours	14	Total Hours	15	Total Hours	15
Degree Completion Plan Beginning in Spring Semester							
Freshman			Sophomore				
Spring	Fall	Spring	Spring	Fall	Fall	Fall	
AGPS 1024	4	AGAS 1014	4	AGBU 2073	3	ACCT 2003 ^T	3
AGBU 1013	3	AGPS 1003	3	AGSS 2014	4	AGBU 2063	3
COMS 1003 ^T	3	BIOL 1014 ^T	4	Fine Arts ^{1, T}	3	BUAD 2033 ^T	3
ENGL 1013 ^{1, T}	3	ENGL 1023 ^{1, T}	3	MATH 2163 ^T	3	SPH 2173 ^T	3
Physical Activity ^{1, T}	1	MATH 1113 ^T	3	Social Sciences ^{1, T}	3	CHEM 1114 ^T	4
Total Hours	14	Total Hours	17	Total Hours	16	Total Hours	16
Junior			Senior				
Spring	Fall	Spring	Spring	Fall	Fall	Fall	
Agriculture Elective ³	1	AGBU 3213	3	AGBU 4023	3	AGBU 4003	3
Elective ^{2, T}	2	AGEG 3413	3	AGBU 4033	3	AGBU 4013	3
Social Sciences ^{1, T}	6	AGPS 3244	4	AGPM 4103	3	AGPS 3053	3
Physical Activity ^{1, T}	1	Humanities ^{1, T}	3	AGPS 4103	3	Social Sciences ^{1, T}	3
AGPM 3124	4	AGPM 3104	4	Elective ^{2, T}	3	Elective ^{2, T}	3
Total Hours	14	Total Hours	17	Total Hours	15	Total Hours	15

¹See appropriate alternatives or substitutions in "General Education Requirements" on page 88" (Except ECON 2003).

²Recommended electives are SPAN 1014 and SPAN 1024.

³Must be 3000-4000 level.

^T Designates a block of courses that would provide for a seamless transfer into this program if equivalent courses are taken at another college or university

Arkansas Tech University offers a complete pre-professional training program in pre-veterinary medicine. Statements and curricula for this program are listed below.

Curriculum in Agriculture Business
(Pre-Veterinary Medicine Option)

**Pre-Professional
Programs**
Dr. Molly Brant
Coordinator
Dean Hall, Suite 123

Degree Completion Plan Beginning in Fall Semester							
Freshman				Sophomore			
Fall	Spring		Fall	Spring			
AGAS 1014	4	AGBU 1013	3	AGBU 2063	3	ACCT 2003 ^T	3
BIOL 1014 ^T	4	BIOL 2124 ^T	4	Humanities ^{1, T}	3	AGAS 2083	3
ENGL 1013 ^{1, T}	3	CHEM 2124 ^T	4	CHEM 2134 ^T	4	AGBU 2073	3
COMS 1003 ^T	3	ENGL 1023 ^{1, T}	3	SPH 2173 ^T	3	BUAD 2033 ^T	3
MATH 1113 ^T	3	Physical Activity ^{1, T}	1	PHYS 2014 ^T	4	PHYS 2024 ^T	4
Total Hours	17	Total Hours	15	Total Hours	17	Total Hours	16
Junior				Senior			
Fall	Spring		Fall	Spring			
AGBU 3213	3	BIOL 3054	4	AGBU 4003	3	AGAS 4203	3
AGEG 3413	3	CHEM 3343	3	AGBU 4013	3	AGBU 4023	3
AGPS 3244	4	MATH 2163 ^T	3	BIOL 3034	4	AGBU 4033	3
CHEM 3254	4	Social Sciences ^{1, T}	6	Physical Activity ^{1, T}	1	Social Sciences ^{1, T}	3
Fine Arts ^{1, T}	3			Social Sciences ^{1, T}	3		
Total Hours	17	Total Hours	16	Total Hours	14	Total Hours	12
Degree Completion Plan Beginning in Spring Semester							
Freshman				Sophomore			
Spring		Fall		Spring		Fall	
AGBU 1013	3	AGAS 1014	4	ACCT 2003 ^T	3	AGBU 2063	3
BIOL 1014 ^T	4	BIOL 2124 ^T	4	AGAS 2083	3	COMS 1003 ^T	3
CHEM 2124 ^T	4	ENGL 1023 ^{1, T}	3	AGBU 2073	3	CHEM 2134 ^T	4
ENGL 1013 ^{1, T}	3	Humanities ^{1, T}	3	BUAD 2033 ^T	3	SPH 2173 ^T	3
Physical Activity ^{1, T}	1	MATH 1113 ^T	3	PHYS 2024 ^T	4	PHYS 2014 ^T	4
Total Hours	15	Total Hours	17	Total Hours	16	Total Hours	17
Junior				Senior			
Spring		Fall		Spring		Fall	
BIOL 3054	4	AGBU 3213	3	AGAS 4203	3	AGBU 4003	3
CHEM 3343	3	AGEG 3413	3	AGBU 4023	3	AGBU 4013	3
MATH 2163 ^T	3	AGPS 3244	4	AGBU 4033	3	BIOL 3034	4
Social Sciences ^{1, T}	6	CHEM 3254	4	Social Sciences ^{1, T}	3	Physical Activity ^{1, T}	1
		Fine Arts ^{1, T}	3			Social Sciences ^{1, T}	3
Total Hours	16	Total Hours	17	Total Hours	12	Total Hours	14
¹ See appropriate alternatives or substitutions in "General Education Requirements" on page 88* (Except ECON 2003).							
^T Designates a block of courses that would provide for a seamless transfer into this program if equivalent courses are taken at another college or university							