

# AGRICULTURAL AND EXTENSION EDUCATION (AGRICULTURAL EXTENSION/DEVELOPMENT) - BACHELOR OF SCIENCE IN AGRICULTURE

Students must complete all University degree requirements, which include: General Education requirements, Viewing a Wider World requirements, and elective credits to total at least 120 credits with 48 credits in courses numbered 300 or above. Developmental coursework will not count towards the degree requirements and/or elective credits, but may be needed in order to take the necessary English and Mathematics coursework.

Prefix	Title	Credits
<b>General Education</b>		
<i>Area I: Communications</i>		
<i>English Composition - Level 1</i>		
ENGL 1110G	Composition I	4
<i>English Composition - Level 2</i>		
ENGL 2210G	Professional and Technical Communication Honors	3
<i>Oral Communication</i>		
ACOM 1130G	Effective Leadership and Communication in Agriculture (Departmental/College Requirement) <sup>2</sup>	3
<i>Area II: Mathematics</i>		
MATH 1220G	College Algebra	3
<i>Area III/IV: Laboratory Sciences and Social/Behavioral Sciences</i>		
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors)	4
AGRO 1110G	Introduction to Plant Science (Lecture & Lab)	4
or HORT 1115G	Introductory Plant Science	
AEEC 2130G	Survey of Food and Agricultural Issues	3
<i>Area V: Humanities</i>		
Choose one from the following:		3
HIST 1110G	United States History I	
HIST 1120G	United States History II	
<i>Area VI: Creative and Fine Arts</i>		
MUSC 1130G	Music Appreciation: Western Music	3
<i>General Education Elective<sup>1</sup></i>		
PSYC 1110G	Introduction to Psychology	3
<b>Viewing A Wider World<sup>3</sup></b>		<b>6</b>
ANSC 351V	Agricultural Animals of the World	
or EPWS 325V	Insects, Humans, and the Environment	
Choose one additional VWW Course from a College outside of the College of ACES		
GEOG 315V	World Agriculture and Food Problems (recommended)	
<b>Departmental/College Requirements</b>		
ACES 1120	Freshman Orientation	1
AXED 1110	Introduction to Agricultural, Extension, and Technology Education	3
AXED 1130	Techniques in Agricultural Mechanization	3

AXED 2110	Metal Fabrication	3
AXED 2130	Early Field-Based Experience	2
AXED 3130	Advanced Technology in the Agricultural Mechanization	3
AXED 3150	Philosophy and Methods of Contests	3
AXED 4110	Management of Change, Diffusion, and Adoption of Innovations	3
AXED 4215	Developing Excellent Programs in Career and Technical Education	3
AXED 4220	Methods for Teaching Agricultural and Technology Education	3
AXED 4235	Directed Teaching in Extension Education	12
AXED 4620	Methods of Teaching Biological, Earth and Physical Sciences in Agriculture	3
AXED 4710	4-H Youth Development	1
ACOM 1110	Introduction to Agricultural Communication	3
ACOM 3150	Communications Campaigns in Agriculture	3
ACOM 3160V	Communicating Agriculture & Science to the Public	3
ANSC 1120	Introduction to Animal Science	3
ANSC 1120L	Introduction to Animal Science Lab	1
ANSC 304	Feeds and Feeding	3
ANSC 310	Exhibiting Livestock	3
SOIL 2110	Introduction to Soil Science	3
SOIL 2110L	Introduction to Soil Science Laboratory	1
Agricultural Elective Courses 12 credits from the following: <sup>2</sup>		12
Agricultural Communications		
Agricultural Economics		
Agricultural Mechanics		
Plant, Pest and Soil Sciences		
Animal Science		
Horticulture		
<b>Second Language: (not required)</b>		
<b>Elective or other Ag Elective, to bring the total credits to 120<sup>4</sup></b>		<b>3</b>
<b>Total Credits</b>		<b>120</b>

## A Suggested Plan of Study for Students

This roadmap assumes student placement in MATH 1220G College Algebra and ENGL 1110G Composition I. The contents and order of this roadmap may vary depending on initial student placement in mathematics and English. It is only a suggested plan of study for students and is not intended as a contract. Course availability may vary from fall to spring semester and may be subject to modification or change.

<b>First Year</b>		
<b>Semester 1</b>		<b>Credits</b>
ACES 1120	Freshman Orientation	1
ENGL 1110G	Composition I <sup>1</sup>	4
AXED 1110	Introduction to Agricultural, Extension, and Technology Education	3
ACOM 1110	Introduction to Agricultural Communication	3
AGRO 1110G	Introduction to Plant Science (Lecture & Lab)	4
or HORT 1115G	or Introductory Plant Science	
<b>Credits</b>		<b>15</b>
<b>Semester 2</b>		
MATH 1220G	College Algebra <sup>1</sup>	3

2 Agricultural and Extension Education (Agricultural Extension/Development) - Bachelor of Science in Agriculture

ACOM 1130G	Effective Leadership and Communication in Agriculture	3	AXED 4110	Management of Change, Diffusion, and Adoption of Innovations	3
AXED 1130	Techniques in Agricultural Mechanization	3	<b>Credits</b>		<b>15</b>
AXED 2110	Metal Fabrication	3	<b>Total Credits</b>		<b>120</b>
Choose from one of the following:		3			
HIST 1110G	United States History I				
HIST 1120G	United States History II				
<b>Credits</b>		<b>15</b>			
<b>Second Year</b>					
<b>Semester 1</b>					
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors)	4			
ENGL 2210G	Professional and Technical Communication Honors <sup>1</sup>	3			
SOIL 2110	Introduction to Soil Science	3			
SOIL 2110L	Introduction to Soil Science Laboratory	1			
AXED 4710	4-H Youth Development	1			
MUSC 1130G	Music Appreciation: Western Music	3			
<b>Credits</b>		<b>15</b>			
<b>Semester 2</b>					
AXED 4215	Developing Excellent Programs in Career and Technical Education	3			
PSYC 1110G	Introduction to Psychology	3			
AEEC 2130G	Survey of Food and Agricultural Issues	3			
AXED 2130	Early Field-Based Experience	2			
ANSC 1120	Introduction to Animal Science	3			
ANSC 1120L	Introduction to Animal Science Lab	1			
<b>Credits</b>		<b>15</b>			
<b>Third Year</b>					
<b>Semester 1</b>					
GEOG 315V	World Agriculture and Food Problems	3			
AXED 4220	Methods for Teaching Agricultural and Technology Education	3			
ACOM 3160V	Communicating Agriculture & Science to the Public	3			
Agricultural Elective		3			
Agricultural Elective		3			
<b>Credits</b>		<b>15</b>			
<b>Semester 2</b>					
ANSC 310	Exhibiting Livestock	3			
AXED 3150	Philosophy and Methods of Contests	3			
ACOM 3110	Agricultural Communications	3			
AXED 4620	Methods of Teaching Biological, Earth and Physical Sciences in Agriculture	3			
Agricultural Elective		3			
<b>Credits</b>		<b>15</b>			
<b>Fourth Year</b>					
<b>Semester 1</b>					
Agricultural Elective		3			
Elective		3			
ANSC 304	Feeds and Feeding	3			
AXED 3130	Advanced Technology in the Agricultural Mechanization	3			
ANSC 351V or EPWS 325V	Agricultural Animals of the World or Insects, Humans, and the Environment	3			
<b>Credits</b>		<b>15</b>			
<b>Semester 2</b>					
AXED 4235	Directed Teaching in Extension Education	12			