

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

## 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.

First Year		Credits
<b>Semester 1</b>		
ACES 1120	Freshman Orientation	1
ACES 1210	Financial Fitness for College Students	1
AXED 1110	Introduction to Agricultural, Extension, and Technology Education	3
AXED 1130	Techniques in Agricultural Mechanization	3
ENGL 1110G	Composition I <sup>1</sup>	4
MATH 1220G	College Algebra	3
<b>Credits</b>		<b>15</b>
<b>Semester 2</b>		
ACOM 1130G	Effective Leadership and Communication in Agriculture	3
AXED 2110	Metal Fabrication	3
AEEC 2130G	Survey of Food and Agricultural Issues	3
MATH 1350G	Introduction to Statistics	3
Choose HIST 1110G or HIST 1120G		3
HIST 1110G U.S. History I		
HIST 1120G U.S. History II		
<b>Credits</b>		<b>15</b>
<b>Second Year</b>		
<b>Semester 1</b>		
ANSC 1120	Introduction to Animal Science	3
ANSC 1120L	Introduction to Animal Science Lab	1
HORT 1115G or AGRO 1110G	Introductory Plant Science or Introduction to Plant Science (Lecture & Lab)	4
CHEM 1120G	Introduction to Chemistry Lecture and Laboratory (non majors)	4
ENGL 2210G	Professional and Technical Communication Honors <sup>1</sup>	3
<b>Credits</b>		<b>15</b>
<b>Semester 2</b>		
AXED 3150	Philosophy and Methods of Contests	3
AXED 3130	Advanced Technology in the Agricultural Mechanization	3
AXED 4215	Developing Excellent Programs in Career and Technical Education	3

ACOM 3160V	Communicating Agriculture & Science to the Public	3
Area VI Creative and Fine Arts Course		3
<b>Credits</b>		<b>15</b>
<b>Third Year</b>		
<b>Semester 1</b>		
AXED 2130	Early Field-Based Experience	2
SOIL 2110	Introduction to Soil Science	3
SOIL 2110L	Introduction to Soil Science Laboratory	1
Agricultural Science Elective/Elective		3
GEOG 315V	World Agriculture and Food Problems	3
SPED 3105	Introduction to Special Education in a Diverse Society	3
<b>Credits</b>		<b>15</b>
<b>Semester 2</b>		
AXED 4210	Curriculum Development and Assessment in Agricultural Education	3
AXED 4620	Methods of Teaching Biological, Earth and Physical Sciences in Agriculture	3
ANSC 310	Exhibiting Livestock	3
ANSC 304	Feeds and Feeding	3
Agricultural Science Elective/Elective		3
<b>Credits</b>		<b>15</b>
<b>Fourth Year</b>		
<b>Semester 1</b>		
AXED 4220	Methods for Teaching Agricultural and Technology Education	3
AXED 4520	Methods in Career and Technical Laboratory Instruction	2
ANSC 351V or EPWS 325V	Agricultural Animals of the World or Insects, Humans, and the Environment	3
Agricultural Science Elective		4
READ 4330	Content Area Literacy	3
<b>Credits</b>		<b>15</b>
<b>Semester 2</b>		
AXED 4230	Directed Teaching in Agricultural or Technology Education	15
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> Students need to understand and complete any prerequisites prior to enrolling into this course.

<sup>2</sup> See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of this catalog for a full list of courses