

# ANIMAL SCIENCE (ANIMAL INDUSTRY) - 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>		
ANSC 1120	Introduction to Animal Science	3
ANSC 1120L	Introduction to Animal Science Lab	1
MATH 1220G	College Algebra	3
ENGL 1110G	Composition I	4
ACES 1120	Freshman Orientation	1
Ag Elective: choose one based on interest		3
ANSC 1160	Introductory Horse Science	
ANSC 1180	Companion Animal in Society	
RGSC 2110	Introduction to Rangeland Management	
<b>Credits</b>		<b>15</b>
<b>Semester 2</b>		
ANSC 1110	Animal Science Careers	1
ANSC 2330	Animal Production	3
BIOL 2610G	Principles of Biology: Biodiversity, Ecology, and Evolution	3
BIOL 2610L	Principles of Biology: Biodiversity, Ecology, and Evolution Laboratory	1
ACOM 1130G	Effective Leadership and Communication in Agriculture	3
Choose an elective course. Consider a minor in horse management, human animal interaction, dairy science range science or ranch management.		4
<b>Credits</b>		<b>15</b>
<b>Second Year</b>		
<b>Semester 1</b>		
ANSC 2340	Genetics in Animal Science	3
AEEC 2120	Introduction to Food and Agribusiness Accounting	3
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors	4
CHEM 1121	General Supplemental Instruction I	1
ENGL 2210G	Professional and Technical Communication Honors	3
<b>Credits</b>		<b>14</b>
<b>Semester 2</b>		
ANSC 1170	Introduction to Animal Metabolism	3
ANSC 304	Feeds and Feeding	3
ECON 2120G	Principles of Microeconomics	3
Area VI: Creative and Fine Arts -see catalog for complete list <sup>1</sup>		3
Ranch Management Elective: - see degree plan for complete list		3
<b>Credits</b>		<b>15</b>

<b>Third Year</b>		
<b>Semester 1</b>		
ANSC 370	Anatomy and Physiology of Farm Animals	4
ANSC 303 or ANSC 308	Livestock, Meat and Wool Evaluation or Horse Evaluation	4
Viewing a Wider World class - see catalog for complete list <sup>2</sup>		3
Area V: Humanities - see catalog for complete list <sup>1</sup>		3
<b>Credits</b>		<b>14</b>
<b>Semester 2</b>		
ANSC 421	Physiology of Reproduction	4
Viewing a Wider World - see catalog for complete list <sup>2</sup>		3
Ranch Management Elective - see degree plan for complete list		3
General Education Elective <sup>1</sup>		3
Choose an elective course. Consider a minor in horse management, human animal interaction, dairy science range science or ranch management.		3
<b>Credits</b>		<b>16</b>
<b>Fourth Year</b>		
<b>Semester 1</b>		
ANSC 402	Animal Science Seminar	1
ANSC 422	Animal Nutrition	3
ANSC 423	Animal Breeding	3
A ST 311	Statistical Applications	3
Choose production course from degree plan		3
Choose Business Elective from degree plan		3
<b>Credits</b>		<b>16</b>
<b>Semester 2</b>		
Choose production course from degree plan		3
Choose production course from degree plan		3
Ranch Management Elective - see degree plan for complete list		3
Ag Elective - see degree plan for complete list. Recommend Internship		3
Choose an elective course. Consider a minor in horse management, human animal interaction, dairy science range science or ranch management.		3
<b>Credits</b>		<b>15</b>
<b>Total Credits</b>		<b>120</b>

<sup>1</sup> See the General Education (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/>) section of the catalog for a full list of courses.

<sup>2</sup> See the Viewing a Wider World (<https://catalogs.nmsu.edu/nmsu/general-education-viewing-wider-world/#viewingawiderworldtext>) section of the catalog for a full list of courses