

# 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 or ENGL 1110H	Composition I or Composition I Honors	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	
ANSC 2310	Introduction to Meat Science	
<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.		3
<b>Credits</b>		<b>14</b>
<b>Second Year</b>		
<b>Semester 1</b>		
ANSC 2340	Genetics in Animal Science	3
CHEM 1215G	General Chemistry I Lecture and Laboratory for STEM Majors	4
ACCT 2110	Principles of Accounting I	3
ENGL 2210G or ENGL 2210H	Professional and Technical Communication or Professional and Technical Communication	3
ANSC 303 or ANSC 308	Livestock, Meat and Wool Evaluation or Horse Evaluation	4
<b>Credits</b>		<b>17</b>
<b>Semester 2</b>		
ANSC 1170	Introduction to Animal Metabolism	3
ANSC 304	Feeds and Feeding	3
ECON 1110G	Survey of Economics	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	System Physiology of Farm Animals	4
A ST 311	Statistical Applications	3
Viewing a Wider World class - see catalog for complete list <sup>2</sup>	3	
Ranch Management Elective: - see degree plan for complete list	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>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	
Area V: Humanities - see catalog for complete list <sup>1</sup>	3	
<b>Credits</b>		
<b>13</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
Choose production course from degree plan	3	
Choose Business Elective from degree plan	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>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>121</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