

Course	Title	Credits
<b>1<sup>st</sup> Year – Autumn Semester</b>		
ENGLISH 1110.01 <sup>a</sup>	First-Year English Composition	3
MATH 1148 <sup>a</sup>	College Algebra	4
GENSTDS 1201.01T	College Orientation	0.5
ANMLTEC 1202.02T	Exploring Livestock Careers and Industry	0.5
ANIMSCI 2200.01	Introductory Animal Sciences	3
ANMLTEC 2202T	Introduction to Beef and Small Ruminant Production	3
ANMLTEC 2200.02T	Introduction to Animal Sciences Laboratory	1
		<b>Total:</b>
		<b>15</b>
<b>1<sup>st</sup> Year – Spring Semester</b>		
GENED 1201	GE Launch Seminar	1
AGRCOMM 3130	Oral Expression in Agriculture	3
CHEM 1110 OR 1210	Elementary Chemistry or General Chemistry I	5
ANIMSCI 2200.03T	Animal Systems	2
ANMLTEC 3170T	Principles of Livestock Health	3
GE Lit, Vis and Perf Arts	Student Choice	3
		<b>Total:</b>
		<b>17</b>
<b>2<sup>nd</sup> Year – Autumn Semester</b>		
AEDECON 2001 <sup>a</sup>	Principles of Food and Resource Economics	3
BIOLOGY 1113.01 <sup>a</sup>	Bio Sci: Energy Transfer and Development	4-5
COMLDR 3537	Data Analysis in the Applied Sciences	3
ANMLTEC 2510.04T	Food Animal Resource Management I – Small Ruminants	1
GE R.E. & G. Diversity	Student Choice	3
GE Hist. & Cultural Studies	Student Choice	3
		<b>Total:</b>
		<b>17-18</b>
<b>2<sup>nd</sup> Year – Spring Semester</b>		
ANMLTEC 3140T	Animal Anatomy and Physiology	4
ANMLTEC 3150T	Livestock Genetic Improvement	3
ANMLTEC 3132T	Ruminant Feeds and Feeding	3
ANMLTEC 3404T	Small Ruminant Production and Management	4
		<b>Total:</b>
		<b>14</b>
		<b>Total Credits for Associate of Science Degree:</b>
		<b>63-64</b>

<sup>a</sup> One possible course from approved GE list or major requirement that has multiple options, as outlined in corresponding Degree Requirements document.

<b>Approved List of Electives</b> (Select at least 14 credits from list below)		<b>Credits</b>	<b>Semester</b>
<b>All Species</b>			
ANIMSCI 2000 <sup>a</sup>	Animal Handling	2	AU, SP
BIOLOGY 1114.01 <sup>b, c</sup> OR	Bio Sci: Form, Function, Diversity and Ecology OR	4	SP
CHEM 1220 <sup>b, c</sup> OR	General Chemistry II OR	5	
MICRBIO 4000.01 <sup>b, c</sup>	Basic and Practical Microbiology	4	
<b>Beef</b>			
ANMLTEC 2202T <sup>d</sup> AND	Introduction to Beef and Small Ruminant Production AND	3	AU
ANMLTEC 3402T <sup>b, d</sup>	Beef Production and Management	4	SP
*ANMLTEC 2510.02T <sup>e</sup>	Food Animal Resource Management I - Beef	1	AU, SP
*ANMLTEC 2582.02T <sup>b, e</sup>	Food Animal Resource Management II - Beef	1	AU, SP
ANMLTEC 3132T <sup>b, e</sup>	Ruminant Feeds and Feeding	3	SP
ANMLTEC 3170T <sup>b</sup>	Principles of Livestock Health	3	SP
<b>Dairy</b>			
*ANMLTEC 2787T <sup>b, e</sup>	Applied Dairy Herd Practices & Management	1	AU, SP
ANMLTEC 3137T <sup>b, e</sup>	Dairy Cattle Feeding Management	3	SP
ANMLTEC 3167T <sup>f</sup>	Dairy Cattle Milking and Reproductive Management	4	AU
ANMLTEC 3177T <sup>b</sup>	Dairy Cattle Health Management	4	SP
ANMLTEC 3207T <sup>e</sup>	Dairy Cattle Evaluation and Herd Records	2	AU
<b>Horse</b>			
*ANMLTEC 2189.01T <sup>e</sup>	Horse Practicum	1	SU, AU, SP
ANMLTEC 2201T <sup>e</sup>	Introduction to Horse Science	3	AU
ANMLTEC 2800T <sup>b, g</sup> OR	Basic Horsemanship OR	2	AU
ANMLTEC 2801T <sup>b, e</sup>	Horsemanship and Equitation	3	AU
ANMLTEC 3131T <sup>b, e</sup>	Equine Feeding and Nutrition	3	AU
ANMLTEC 3151T <sup>b, d</sup> AND	Horse Breeding and Selection AND	3	SP
ANMLTEC 3161T <sup>b, d</sup>	Applied Equine Reproductive Management	2	SP
ANMLTEC 3171T <sup>b</sup>	Horse Health and Disease	3	SP
ANMLTEC 3201T <sup>e</sup>	Horse Judging and Evaluation	2	SP
<b>Small Ruminant</b>			
ANMLTEC 2202T <sup>d</sup> AND	Introduction to Beef and Small Ruminant Production AND	3	AU
ANMLTEC 3404T <sup>b, d</sup>	Small Ruminant Production and Management	4	SP
*ANMLTEC 2510.04T <sup>e</sup>	Food Animal Resource Management I - Small Ruminants	1	AU, SP
*ANMLTEC 2582.04T <sup>b, e</sup>	Food Animal Resource Management II - Small Ruminants	1	AU, SP
ANMLTEC 3132T <sup>b, e</sup>	Ruminant Feeds and Feeding	3	SP
ANMLTEC 3170T <sup>b, d</sup>	Principles of Livestock Health	3	SP
<b>Swine</b>			
*ANMLTEC 2510.03T <sup>e</sup>	Food Animal Resource Management I - Swine	1	AU, SP
*ANMLTEC 2582.03T <sup>b, e</sup>	Food Animal Resource Management II - Swine	1	AU, SP
ANMLTEC 2603T <sup>d</sup> AND	Swine Production and Management I AND	3	AU
ANMLTEC 3403T <sup>b, d</sup>	Swine Production and Management II	4	SP
ANMLTEC 3133T <sup>b, e</sup>	Practical Swine Feeding	3	AU
ANMLTEC 3170T <sup>b</sup>	Principles of Livestock Health	3	SP

\* A grade of C or better is required to meet graduation requirements.

<sup>a</sup> Major course in BS

<sup>b</sup> Consult bulletin for pre- and co-requisite course

<sup>c</sup> Major supporting course in BS

<sup>d</sup> Both courses equivalent to Production 2 course in BS

<sup>e</sup> Major elective course in BS

<sup>f</sup> Physiology course in BS

<sup>g</sup> Free elective in BS