

Course	Title	Credits
1st Year – Autumn Semester		
ENGLISH 1110.01 ^a	First-Year English Composition	3
MATH 1148 ^a	College Algebra	4
GENSTDS 1201.01T	College Orientation	0.5
ANMLTEC 1201.01T OR ANMLTEC 1201.02T OR ANMLTEC 1202.07T	Exploring Equine Careers and Industry OR Exploring Livestock Careers and Industry OR Exploring Dairy Careers and Industry	0.5
ANIMSCI 2200.01	Introductory Animal Sciences	3
ANMLTEC 2200.02T	Introduction to Animal Sciences Laboratory	1
Electives	Consult with advisor	3
Total:		15
1st Year – Spring Semester		
GE Launch Seminar	Student Choice	1
AEDECON 2001 ^a	Principles of Food and Resource Economics	3
CHEM 1110 OR 1210	Elementary Chemistry or General Chemistry I	5
ANIMSCI 2200.03T	Animal Systems	2
GE Hist. & Cultural Studies	Student Choice	3
Electives	Consult with advisor	2
Total:		16
2nd Year – Autumn Semester		
AGRCOMM 3130	Oral Expression in Agriculture	3
BIOLOGY 1113.01 ^a	Bio Sci: Energy Transfer and Development	4-5
COMLDR 3537	Data Analysis in the Applied Sciences	3
GE Lit, Vis and Perf Arts	Student Choice	3
Electives	Consult with advisor	3
Total:		16-17
2nd Year – Spring Semester		
ANMLTEC 3140T	Animal Anatomy and Physiology	4
ANMLTEC 3150T OR ANMLTEC 3157T	Livestock Genetic Improvement OR Dairy Cattle Genetic Improvement	3
GE R.E. & G. Diversity	Student Choice	3
Electives	Consult with advisor	6
Total:		16
Total Credits for Associate of Science Degree:		63-64

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

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

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

^a Major course in BS

^b Consult bulletin for pre- and co-requisite course

^c Major supporting course in BS

^d Both courses equivalent to Production 2 course in BS

^e Major elective course in BS

^f Physiology course in BS

^g Free elective in BS