

| 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 1202.02T | Exploring Livestock Careers and Industry | 0.5 |
| ANIMSCI 2200.01 | Introductory Animal Sciences | 3 |
| ANMLTEC 2603T | Swine Production and Management I | 3 |
| ANMLTEC 2200.02T | Introduction to Animal Sciences Laboratory | 1 |
| Total: | | 15 |
| 1st Year – Spring Semester | | |
| 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 |
| Total: | | 17 |
| 2nd Year – Autumn Semester | | |
| AEDECON 2001 ^a | Principles of Food and Resource Economics | 3 |
| BIOLOGY 1113.01 ^a | Bio Sci: Energy Transfer and Development | 4-5 |
| COMLDR 3537 | Data Analysis in the Applied Sciences | 3 |
| ANMLTEC 2510.03T | Food Animal Resource Management I – Swine | 1 |
| GE R.E. & G. Diversity | Student Choice | 3 |
| GE Hist. & Cultural Studies | Student Choice | 3 |
| Total: | | 17-18 |
| 2nd Year – Spring Semester | | |
| ANMLTEC 3140T | Animal Anatomy and Physiology | 4 |
| ANMLTEC 3150T | Livestock Genetic Improvement | 3 |
| ANMLTEC 3133T | Practical Swine Feeding | 3 |
| ANMLTEC 3403T | Swine Production and Management II | 4 |
| Total: | | 14 |
| 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