# Animal Sciences Dairy Specialization
## Associate of Science

**Course** | **Title** | **Credits**
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**1st Year – Autumn Semester**
ANMLTEC 1201.07T | Exploring Dairy Careers and Industry | .5
ANMLTEC 2200T | Introduction to Animal Sciences | 3
ANMLTEC 3167T | Dairy Cattle Milking and Reproductive Management | 4
ANMLTEC 3207T | Dairy Cattle Evaluation and Herd Records | 2
ENGLISH 1110.01 | First-Year English Composition | 3
GENSTDS 1201T | College Orientation | .5
MATH 1148 | College Algebra | 4
| **Total Credits** | **17** |

**1st Year – Spring Semester**
AEDECON 2001 | Principles of Food and Resource Economics | 3
ANMLTEC 3177T | Dairy Cattle Health Management | 4
CHEM 1110 **Chem 1210** | Elementary Chemistry or General Chemistry 1 | 5
RURLSOC 1500 | Introduction to Rural Sociology | 3
| **Total Credits** | **15** |

**2nd Year – Autumn Semester**
AGRCOMM 3130 | Oral Expression in Agriculture | 3
*ANMLTEC 3407T | Applied Dairy Herd Practices & Management | 1
ANMLTEC 3407T | Dairy Cattle Facilities, Environment and Equipment | 3
BIOLOGY 1113 | Bio Sci: Energy Transfer and Development | 4
MUSIC 2250 | Music Cultures of the World | 3
HISTORY 1152 | American Civilization Since 1877 | 3
COMPSTD 2301 | Introduction to World Literature | 3
RELSTDS 2370 | Introduction to Comparative Religion | 3
| **Total Credits** | **17** |

**2nd Year – Spring Semester**
ANMLTEC 3140T | Animal Anatomy and Physiology | 4
*ANMLTEC 2787T | Applied Dairy Herd Practices & Management | 1
ANMLTEC 3137T | Dairy Cattle Feeding Management | 3
ANMLTEC 3157T | Dairy Cattle Genetic Improvement | 3
ANMLTEC 3887T | Integrated Dairy Farm Business Management | 4
| **Total Credits** | **15** |

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

**Chem 1210 is open to students with one unit of high school chemistry and Math Placement Level L or M; or a grade of C- or above in Math 1130, 1131, 1148, 1150 or above.