### Animal Sciences Dairy Specialization

**Associate of Science**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>1st Year – Autumn Semester</strong></td>
<td></td>
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<tr>
<td>ANMLTEC 1201.07T</td>
<td>Exploring Dairy Careers and Industry</td>
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<tr>
<td>ANMLTEC 2200T</td>
<td>Introduction to Animal Sciences</td>
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<tr>
<td>ANMLTEC 3167T</td>
<td>Dairy Cattle Milking and Reproductive Management</td>
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<tr>
<td>ANMLTEC 3207T</td>
<td>Dairy Cattle Evaluation and Herd Records</td>
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<tr>
<td>ENGLISH 1110.01</td>
<td>First-Year English Composition</td>
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<tr>
<td>GENSTDS 1201T</td>
<td>College Orientation</td>
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<tr>
<td>MATH 1148</td>
<td>College Algebra</td>
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<tr>
<td><strong>1st Year – Spring Semester</strong></td>
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<tr>
<td>AEDECON 2001</td>
<td>Principles of Food and Resource Economics</td>
<td>3</td>
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<tr>
<td>ANMLTEC 3177T</td>
<td>Dairy Cattle Health Management</td>
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<tr>
<td>CHEM 1110 or 1210**</td>
<td>Elementary Chemistry or General Chemistry 1</td>
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<tr>
<td>RURLSOC 1500</td>
<td>Introduction to Rural Sociology</td>
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<td><strong>Summer Term</strong></td>
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<tr>
<td>*ANMLTEC 3191.07T</td>
<td>Dairy Industry Internship</td>
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<td><strong>2nd Year – Autumn Semester</strong></td>
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<tr>
<td>*ANMLTEC 2787T</td>
<td>Applied Dairy Herd Practices &amp;Management</td>
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<tr>
<td>ANMLTEC 3130T</td>
<td>Principles of Animal Nutrition</td>
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<td>ANMLTEC 3137T</td>
<td>Dairy Cattle Feeding Management</td>
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<tr>
<td>ANMLTEC 3407T</td>
<td>Dairy Cattle Facilities, Environment and Equipment</td>
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<tr>
<td>BIOLOGY 1113</td>
<td>Ecosystem Energy Transfer and Development</td>
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<td>MUSIC 2250 or HISTORY 1152</td>
<td>Music Cultures of the World or American Civilization Since 1877</td>
<td>3 or 4</td>
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<td><strong>2nd Year – Spring Semester</strong></td>
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<tr>
<td>AGRCOMM 3130</td>
<td>Oral Expression in Agriculture</td>
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<td>ANMLTEC 3140T</td>
<td>Animal Anatomy and Physiology</td>
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<tr>
<td>*ANMLTEC 2787T</td>
<td>Applied Dairy Herd Practices &amp;Management</td>
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<tr>
<td>ANMLTEC 3157T</td>
<td>Dairy Cattle Genetic Improvement</td>
<td>3</td>
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<tr>
<td>COMPSTD 2301 or RELSTDS 2370</td>
<td>Introduction to World Literature or Introduction to Comparative Religion</td>
<td>3 or 15</td>
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*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.*