<table>
<thead>
<tr>
<th>COURSE #</th>
<th>Course Name</th>
<th>(Prerequisites, Co-Requisites)</th>
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<tr>
<td>AVS 109 (F)</td>
<td>The Science of Animals That Serve Humanity</td>
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<tr>
<td>MATH 143, 160, or 170</td>
<td>Math Core (Test Scores/MATH 108)</td>
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<td>COMM 101</td>
<td>Public Speaking</td>
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<td>Introduction to College Writing (Test Scores, ENGL 109)</td>
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<td>AVS 110/110L (S)</td>
<td>Science of Animal Husbandry (AVS 109)</td>
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<tr>
<td>BIOL 115</td>
<td>Cells &amp; Evolution of Life (CHEM 101 or 111)</td>
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<td>Intro to Chemistry or General Chemistry (Test Scores/CHEM 101/MATH 143)</td>
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<td>STATS 251</td>
<td>Statistical Methods (MATH 108, 143, 160, or 170)</td>
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<td>Rangeland Principles</td>
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<td>ECON 202</td>
<td>Principles of Microeconomics</td>
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<td>AGEC 278 (F)</td>
<td>Farm &amp; Agribusiness Management</td>
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<td>American Diversity</td>
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<td>AVS 222 (S)</td>
<td>Animal Reproduction &amp; Breeding OR AVS 452 (F)</td>
<td>Physiology of Reproduction (AVS 109, BIOL 115)</td>
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<td>AGEC 289 (S)</td>
<td>Agricultural Markets &amp; Prices</td>
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<td>Carbon Compounds CHEM 101 or 111</td>
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<td>Animal Nutrition (AVS 109)</td>
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<td>ENGL 313 or 317</td>
<td>Business Writing or Technical Writing (ENGL 102, Sophomore or Junior)</td>
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<td>Feeds &amp; Ration Formulation (AVS 305)</td>
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<td>Animal Products for Human Consumption</td>
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<td>AVS 452 (F) or 222 (S)</td>
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<td>AVS 466, 468, 472, 474 or 476</td>
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<td>AVS 450</td>
<td>Issues in Animal Agriculture (Senior)</td>
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<td>AVS 471</td>
<td>Animal Disease Management (Junior)</td>
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<td>AVS 472 (F) or 474 (S)</td>
<td>Dairy Cattle Management (Varies) or Beef Cattle Science (Varies)</td>
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<td>Ecology (BIOL 102, 114, 115 or PLSC 205)</td>
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<td>Ruminant Nutrition (Instructor Permission)</td>
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