### B.S. Degree in Agriculture – Pre-Veterinary Medicine

Effective Fall 2009

#### Freshman Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Name</th>
<th>Cr</th>
<th>Course</th>
<th>Course Name</th>
<th>Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-101</td>
<td>English Composition I</td>
<td>3</td>
<td>ENGL-102</td>
<td>English Composition II</td>
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<tr>
<td>MVSC-101</td>
<td>Fitness and Wellness</td>
<td>2</td>
<td>BIOL-102</td>
<td>General Biology II &amp; Lab</td>
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<td>BIOL-101</td>
<td>General Biology I &amp; Lab</td>
<td>4</td>
<td>MTSC-122</td>
<td>Trigonometry</td>
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<tr>
<td>MTSC-121</td>
<td>College Algebra</td>
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<td>AGRI-192</td>
<td>University Seminar II</td>
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<td>AGRI-191</td>
<td>University Seminar I</td>
<td>1</td>
<td>AGRI-102</td>
<td>Ag &amp; NR Science</td>
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<tr>
<td>HIST-***</td>
<td>History Elective</td>
<td>3</td>
<td><strong>-</strong>*</td>
<td>Elective</td>
<td>3</td>
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**Total Credits: 16**

#### Freshman Spring Semester

<table>
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<tbody>
<tr>
<td>ENGL-102</td>
<td>General Biology II &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>MTSC-122</td>
<td>Trigonometry</td>
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<tr>
<td>AGRI-192</td>
<td>University Seminar II</td>
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<tr>
<td>AGRI-102</td>
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<td><strong>-</strong>*</td>
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**Total Credits: 15**

#### Sophomore Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Name</th>
<th>Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL-***</td>
<td>Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>CHEM-101</td>
<td>General Chemistry I &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>MTSC-251</td>
<td>Calculus I</td>
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<tr>
<td>AGRI-206</td>
<td>Intro to Animal Science</td>
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<td>Arts/Humanities Elective</td>
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**Total Credits: 17**

#### Sophomore Spring Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Course Name</th>
<th>Cr</th>
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</thead>
<tbody>
<tr>
<td>CHEM -102</td>
<td>General Chemistry II &amp; Lab</td>
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<tr>
<td>AGRI -207</td>
<td>Intro to Animal Nutrition</td>
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</tr>
<tr>
<td><strong>-</strong>*</td>
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**Total Credits: 16**

#### Junior Fall Semester

<table>
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<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>BIOL-302</td>
<td>Comp. Anatomy or (BIOL-207)</td>
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<tr>
<td>CHEM -301</td>
<td>Organic Chemistry I &amp; Lab</td>
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<tr>
<td>PHYS-211</td>
<td>Fundamentals of Physics I or General Physics I</td>
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</tr>
<tr>
<td>NTRS-321</td>
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<tr>
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**Total Credits: 18**

#### Junior Spring Semester

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<tr>
<td>BIOL -210</td>
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</tr>
<tr>
<td>CHEM -302</td>
<td>Organic Chemistry II &amp; Lab</td>
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</tr>
<tr>
<td>PHYS 212</td>
<td>Fundamentals of Physics II or General Physics II</td>
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</tr>
<tr>
<td>AGRI -208</td>
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**Total Credits: 15**

#### Senior Fall Semester

<table>
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<th>Course Name</th>
<th>Cr</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL -322</td>
<td>Microbiology &amp; Lab</td>
<td>4</td>
</tr>
<tr>
<td>AGRI -***</td>
<td>Anim. Sci. Elec. (non-ruminant)</td>
<td>3</td>
</tr>
<tr>
<td>AGRI -317</td>
<td>Fund. Of Crop Production</td>
<td>3</td>
</tr>
<tr>
<td>ECON-201</td>
<td>Macroeconomics</td>
<td>3</td>
</tr>
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**Total Credits: 13**

#### Senior Spring Semester

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
<tr>
<td>AGRI -404</td>
<td>Sustainable Ag **</td>
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</tr>
<tr>
<td>AGRI -***</td>
<td>Anim. Sci. Elec. (ruminant)</td>
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<tr>
<td>GLOB-395</td>
<td>Global Societies</td>
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**Total Credits: 13**

**Total Credits: 123**

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**The Program’s Across-the-Curriculum Guide must be consulted for requirements and/or options.**