## ANIMAL SCIENCE - BS, SCIENCE OPTION

### Program Requirements

#### First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC 101</td>
<td>Introductory Seminar for Animal Science</td>
</tr>
<tr>
<td>ANSC 107</td>
<td>General Animal Science &amp; ANSC 108</td>
</tr>
<tr>
<td>CHEM 119</td>
<td>Fundamentals of Chemistry I</td>
</tr>
<tr>
<td>Language, philosophy and culture <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#language-philosophy-culture">link</a></td>
<td>1</td>
</tr>
<tr>
<td>Mathematics <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#mathematics">link</a></td>
<td>1</td>
</tr>
<tr>
<td><strong>Semester Credit Hours</strong></td>
<td><strong>15</strong></td>
</tr>
</tbody>
</table>

#### Second Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC 303/ NUTR 303</td>
<td>Principles of Animal Nutrition</td>
</tr>
<tr>
<td>BIOL 111</td>
<td>Introductory Biology I</td>
</tr>
<tr>
<td>CHEM 227 &amp; CHEM 237</td>
<td>Organic Chemistry I &amp; Organic Chemistry Laboratory</td>
</tr>
<tr>
<td>American history <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#american-history">link</a></td>
<td>3</td>
</tr>
<tr>
<td><strong>Semester Credit Hours</strong></td>
<td><strong>16</strong></td>
</tr>
</tbody>
</table>

#### Third Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC 318</td>
<td>Animal Feeds and Feeding</td>
</tr>
<tr>
<td>BICH 410 or BICH 409</td>
<td>Comprehensive Biochemistry I or Principles of Biochemistry</td>
</tr>
<tr>
<td>GENE 301 &amp; GENE 312</td>
<td>Comprehensive Genetics and Comprehensive Genetics Laboratory</td>
</tr>
<tr>
<td>Select one of the following:</td>
<td><strong>3</strong></td>
</tr>
<tr>
<td>STAT 301</td>
<td>Introduction to Biometry</td>
</tr>
<tr>
<td>STAT 302</td>
<td>Statistical Methods</td>
</tr>
<tr>
<td>STAT 303</td>
<td>Statistical Methods</td>
</tr>
<tr>
<td>Creative arts <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#creative-arts">link</a></td>
<td><strong>3</strong></td>
</tr>
<tr>
<td><strong>Semester Credit Hours</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

#### Summer

| Animal science experience | 0 |
| ANSC 399 | Animal Science Experience | 0 |

#### Fourth Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Semester Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC disciplinary focus</td>
<td>4</td>
</tr>
<tr>
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<td>4</td>
</tr>
<tr>
<td>Government/Political science <a href="http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science">link</a></td>
<td>3</td>
</tr>
<tr>
<td>General elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Semester Credit Hours</strong></td>
<td><strong>17</strong></td>
</tr>
</tbody>
</table>

#### Spring

| ANSC 498 | Animal Science Capstone | 4 |
| COMM 203 or ENGL 210 | Public Speaking or Technical and Professional Writing | 3 |
| Government/Political science [link](http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/#government-political-science) | 3 |
| General elective | 3 |
| **Semester Credit Hours** | **17** |

**Total Semester Credit Hours** | **120**
To be selected from the University Core Curriculum. The University Core Curriculum includes a requirement for 3 hours of International and Cultural Diversity (http://catalog.tamu.edu/undergraduate/general-information/degree-information/international-cultural-diversity-requirements/) and 3 hours of Cultural Discourse (http://catalog.tamu.edu/undergraduate/general-information/degree-information/cultural-discourse-requirements/). Refer to the the University Core Curriculum (http://catalog.tamu.edu/undergraduate/general-information/university-core-curriculum/) catalog page for a list of acceptable courses. A course satisfying another Core category, a college/department requirement or taken as a general elective can be used to satisfy these requirements. Select in consultation with an academic advisor.

2 Students may choose to use general electives to complete a concentration in a pre-professional program, a pre-graduate study area, and/or a certificate program.

3 All students are required to complete an animal science experience in order to graduate. May include but is not limited to: undergraduate research, study abroad, internships, and competitive judging teams. To be selected in consultation with your academic advisor.

4 Select from the following courses: ANSC 404, ANSC 406, ANSC 408, ANSC 412, ANSC 414, ANSC 420, ANSC 429, ANSC 434, ANSC 437, ANSC 447, ANSC 451; DASC 418. 8 total hours required.

Students are required to make a C or better for each of their courses in the major (ANSC) coursework area.

All undergraduate students must take at least (2) specific courses in their major designated as writing or communication intensive (W or C). To be chosen in consultation with your academic advisor.

Maximum of 4hrs of ANSC 485 may be used in this program.

Maximum of 5hrs of ANSC 494 may be used in this program.