Students who enroll in the Animal Science option in the Agriculture Department can choose between careers in diversified crop and livestock production, sales of livestock feed and supplies, and employment in a livestock operation. Students will find many challenging courses. These may include: livestock production, feeds and feeding, livestock health management, range management, and advanced production and nutrition courses.

Students will have the opportunity to apply concepts learned through hands-on activities at the NDSCS Kosel Family Agriculture Land Lab and other classroom and laboratory activities. The Land Lab is a 90-acre demonstration farm operated by the Agriculture Department, students, and industry partners.

Spring semester concludes mid-April each year to allow students to begin their internship experience. Students enrolled in this option will complete a 400-hour paid internship at a career related training facility during the summer between their first and second year of instruction.

Our philosophy statement is: “The Agriculture Department provides education for the present and future by incorporating leadership and career development, best management practices in crop and livestock production, mechanics, technology, natural resources, problem solving, internships, and communication through a diverse program.”

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**Admission Requirements**

The applicants must be high school graduates or equivalent. Helpful courses to prepare for this program are mathematics, physical science, biology, agricultural education, computer science, and English. Courses that develop communication skills are important.

Required minimum placement scores:

<table>
<thead>
<tr>
<th>ACT</th>
<th>ACCUPLACER</th>
<th>ACCUPLACER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading – 14</td>
<td>Reading Comp – 61</td>
<td>NEXT GENERATION</td>
</tr>
<tr>
<td>English – 16</td>
<td>Sentence Skills – 20</td>
<td>Reading – 240</td>
</tr>
<tr>
<td></td>
<td>WritePlacer – 5</td>
<td>Writing – 250</td>
</tr>
</tbody>
</table>

Or transfer equivalencies will apply as appropriate.

Applicants not meeting the above requirements are encouraged to visit with the academic counselor at 701-671-2263 or the Agriculture department chair at 701-671-2249 for strategies to meet the admission requirements.

*Program Admission Requirements are subject to revision. Please check the department or program website under Program Admission Requirements for current information.*

**Award**

Upon successful completion of the required courses, students will be awarded an Associate in Applied Science degree in Agriculture with an emphasis in Animal Science.

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**Course Code** | **Course Title** | **Credits**
--- | --- | ---
AGEC 142 | Agribusiness Internship Orientation I | 1
AGEC 143 | Agribusiness Internship Orientation II | 1
AGEC 242 | Introduction to Agricultural Management | 4
AGEC 244 | Introduction to Agricultural Marketing | 3
AGEC 250 | Agribusiness Sales | 3
ANSC 114 | Introduction to Animal Sciences | 3
ANSC 116 | Animal Reproduction | 3
ANSC 118 | Livestock Health Management | 3
ANSC 123 | Feeds and Feeding | 3
ANSC 220 | Livestock Production | 3
ANSC 224 | Applied Livestock Feeding | 3
ANSC 236 | Introduction to Range Management | 2
AGRI 275 | Introduction to Precision Agriculture | 3
AGRI 197 | Internship | 3
AGRI 297 | Internship | 1

**Related/General Education Courses**

| AGRI 135 | Applied Math | 2
| MATH 120 | Basic Mathematics I | 2
| ENGL 110 | College Composition I | 3
| English/Communication elective (choose one) | 3
| ENGL 105 | Technical Communications | 4
| ENGL 120 | College Composition II | 3
| ENGL 125 | Introduction to Professional Writing | 3
| COMM 110 | Fundamentals of Public Speaking | 3
| FYE 101 | Science of Success | 1
| HPER 210 | First Aid and CPR (Professional/Community) | 2
| PLSC 110 | World Food Crops | 3
| SOIL 210 | Introduction to Soil Science | 3
| Social and Behavioral Sciences, Humanities, History and/or Computer Electives | 4
| Agriculture Electives | 7

**Total Required Credits** | 69

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Craig Zimprich, department chair

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701-671-2249

Tech Center 49

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