Agronomy

Contact Information
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701-671-2252
Tech Center 46

Delivery Methods
Face-to-Face: Wahpeton

The Agronomy curriculum is designed to provide instruction in crop production, soils, marketing, field crop scouting, and business management. Cutting edge agricultural technology is infused into this curriculum wherever possible.

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 graduating in Agronomy are prepared to find employment in seed sales, fertilizer sales, plant protection, crop consulting or other agronomic careers. The regional employment outlook continues to be very positive for graduates.

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, technology, natural resources, problem solving, internships, and communication through a diverse program.”

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:

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<thead>
<tr>
<th>ACT</th>
<th>ACCUPLACER</th>
<th>ACCUPLACER</th>
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<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>
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<tr>
<td>Write – 5</td>
<td>Writing – 250</td>
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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 Agronomy.

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 250 | Agribusiness Sales | 3
AGRI 197 | Internship | 3
AGRI 275 | Introduction to Precision Agriculture | 3
AGRI 297 | Internship | 1
PLSC 115 | Crop Technologies | 2
PLSC 138 | Agronomic Technologies | 3
PLSC 215 | Weed Identification | 1
PLSC 224 | Introduction to Crop Protection | 3
PLSC 225 | Principles of Crop Production | 3
PLSC 235 | Field Scouting Techniques | 3
PLSC 235L | Field Scouting Techniques Lab | 1
SOIL 222 | Soil Fertility and Fertilizers | 3
Any Agriculture Electives | | 11
(1 course must be an ANSC prefix)

Related/General Education Courses

AGRI 135 | Applied Math | 2
COMM 110 | Fundamentals of Public Speaking | 3
ENGL 110 | College Composition I | 3
FYE 101 | Science of Success | 1
HPER 210 | First Aid and CPR (Professional/Community) | 2
MATH 120 | Basic Mathematics I | 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
Total Required Credits | | 69

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Revised: May 2021