Precision Agronomy

Contact Information
Dr. Anissa Hoffman, associate professor
Anissa.Hoffman@ndscs.edu
701-671-2252
Tech Center 46

Students who enroll in Precision Agronomy will seek employment in the agriculture retail industry. Students will find many challenging courses. Course work is designed to provide instruction in crop production, soils, field crop scouting, precision ag, agriculture sales, and business management. Cutting edge agricultural technology is infused into this curriculum.

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.

Students graduating in Precision 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.”

NOTE: This program requires a windows-based laptop with Microsoft Office installed. For further information, contact Craig Zimprich, department chair, at 701-671-2249

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.

Please Note: Students are placed into English, math and reading courses based on ACT, ACCUPLACER or other nationally recognized tests. Please see www.NDSCS.edu/current-students/student-success/test-center for the NDSCS Course Placement Policy and testing information. Students may be on an extended plan of study pending their course placement.

*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 Precision Agronomy.

Course Code | Course Title | Credits
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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
PAG 115 | Introduction to Precision Agriculture | 3
PAG 276 | Data Collection and Management | 3
PAG 215 | Mapping of Precision Ag Data | 3
PAG 286 | Advanced Mapping | 3
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 | | 5

Total 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
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