Precision Agronomy

▶ **Contact Information**

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

▶ **Delivery Methods**

Face-to-Face: Wahpeton

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

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
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

Related/General Education Courses

Course Code	Course Title	Credits
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**

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.

Revised: January 2023