

PRECISION AGRICULTURE

66 CREDIT ASSOCIATE IN APPLIED SCIENCE

THE PROGRAM

The Precision Agriculture program is an Associate in Applied Science (AAS) degree. It offers core classes in basic agronomy and crop production, soils and soil fertility, precision technology, data analysis, GIS and GPS, Ag business, and extensive lab and hands-on training. Graduates are employed as precision technicians at implement dealerships, agronomy centers, independent precision service providers, plus many more.

The demand for farmers to continuously produce more food, fiber, fuel, and pharmaceuticals has made it increasingly necessary to become more efficient. The need for efficiency has spurred the adoption of various precision agriculture technologies. The variability in North Dakota soil and other northern plains states demands that fields be managed as small areas and treated differently according to their characteristics. The technology that precision agriculture offers collects immense amounts of data that assists in making field management decisions.

A TRANSFER-FRIENDLY SYSTEM

Most universities across the country are considered “transfer-friendly” especially within the North Dakota University System (NDUS):

- AA degrees are commonly accepted in place of specific first and second-year core requirements.
- GER - All first and second year (100 & 200 level) general education requirements have common names and numbers throughout the NDUS.
- We want to eliminate the chance of confusion about course equivalence.

ADVISORS/TRiO & PowerSkills

Knowledgeable advisors will help you create a class schedule and choose electives to build strong foundations for upper division coursework and to meet transfer requirements.

TRiO & PowerSkills is **advising, tutoring, and proctoring resources for everyone** and disability services.

CHOOSE YOUR PATH

If you want to enter a 4-year college or university after LRSC, you should do your research.

- You and your advisor can create a course plan.
- Work with your advisor to meet prerequisites with your electives for the AA or AS degree.
- Check with Student Services about transfer agreements LRSC has with your 4-year choice.
- Gather catalogs from your 4-year choice schools.

If you are considering a bachelor's degree, LRSC has articulation agreements with NDSU, UMC, and Mayville to help students make a smooth transition. Students satisfactorily completing the courses from LRSC may transfer them to those institutions in fulfillment of the corresponding course requirements for the Bachelor of Science.

TIPS FOR STUDENT SUCCESS



1. SCHEDULE TIME WITH YOUR ADVISOR immediately after term schedules are published to choose courses for upcoming semesters. Your advisor will help you select courses that meet core requirements.



2. SAVE MONEY BY CARRYING A HEAVIER COURSE LOAD. Discuss with your advisor if a heavy course load works for you and your schedule. (Tuition & fees cap at 12 and 16, respectively. Other fees may apply and online courses are not included.)



3. REGISTER AS EARLY AS YOU CAN to get into the courses you want and need.



4. SAVE MONEY BY CARRYING A HEAVIER COURSE LOAD. Discuss with your advisor if a heavy course load works for you and your schedule. (Tuition & fees cap at 12 and 16, respectively. Other fees may apply and online courses are not included.)



CAREER OPTIONS

Precision Agriculture graduates are prepared to work in production agriculture back at his/her farming operation; join a variety of agri-businesses that work with various aspects of production agriculture; create a company/service, or continue on for further degrees.



STUDENT FOCUSED

LRSC is among the best community colleges by BestColleges and CourseAdvisor 2021. Our students receive individualized support and have access to a variety of support services to help achieve their academic goals.



14:1
STUDENT: FACULTY
RATIO

SCHOLARSHIPS

LRSC offers a range of scholarships to our students. Scholarships are funded by the LRSC Community College Foundation through contributions including our alumni, faculty and staff, campus and community organizations, and many businesses and corporations.



300K
AVAILABLE IN
SCHOLARSHIPS

ASSOCIATE IN APPLIED SCIENCE – FIRST YEAR (FALL)

CREDITS

PAG 115: Introduction to Precision Agriculture	3
ASM 130: Agriculture Industry Machinery	2
BIOL 130: Introduction to Biological Chemistry	4
PLSC 225: Principles of Crop Production	3
SOIL 210: Introduction to Soil Science	3
MATH 103: College Algebra	3
UNIV 101: Introduction to College Life	1

SPRING

PAG 215: Precision Agriculture Systems - Software	2
ASM 220: Computer Applications in Ag Systems Management	2
PLSC 223: Introduction to Weed Science	4
SOIL 222: Soil Fertility and Fertilizers	3
PLSC 235: Field Scouting Techniques	3
ENGL 110: College Composition I	3

SUMMER

AGRI 297: Internship	3
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SECOND-YEAR (FALL)

AGEC 250: Agribusiness Sales	3
AGRI 265: Agriculture Electronic Devices and Systems	3
AGRI 280: Advanced Precision Ag: Fall Operations	3
Art/Humanities/Social Science Elective	3
COMM 110: Fundamentals of Public Speaking	3

SPRING

AGEC 242: Introduction to Agriculture Management	3
AGRI 290: Advanced Precision Ag: Spring Operations	3
MATH 210: Elementary Statistics	3
Art/Humanities/Social Science Elective	3

Total AAS Credits

minimum 66

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