

# 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

### 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.



FIND JOBS IN  
AGRONOMY,  
PRODUCTION &  
AG BUSINESS

## STUDENT FOCUSED

LRSC is among the best community colleges by Intelligent 2023. 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

\$425,000 are offered in scholarships annually. LRSC Community College Foundation funds these scholarships through contributions from loyal friends and supporters of LRSC.



**425K**  
AVAILABLE IN  
SCHOLARSHIPS

### ASSOCIATE IN APPLIED SCIENCE - FIRST YEAR (FALL)

### CREDITS

PAG 115: Introduction to Precision Agriculture	3
ASM 130: Agriculture Industry Machinery	3
BIOL 130: Introduction to Biological Chemistry	4
PLSC 225: Principles of Crop Production	3
SOIL 210: Introduction to Soil Science	3
AGRI 297: Internship (Freshman)	1
UNIV 101: Introduction to College Life	1

### SPRING

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

### SECOND-YEAR (FALL)

AGEC 250: Agribusiness Sales	3
AGRI 265: Agriculture Electronic Devices and Systems	3
AGRI 280: Advanced Precision Ag: Fall Operations	3
MATH 103: College Algebra	3
ENGL 110: College Composition I	3
AGRI 297: Internship (Sophomore)	2

### SPRING

AGEC 242: Introduction to Agriculture Management	3
AGRI 290: Advanced Precision Ag: Spring Operations	3
COMM 110: Fundamentals of Public Speaking	3
Art/Humanities/Social Science Elective	6

### Total AAS Credits

**minimum 66**

*Lake Region State College is an equal opportunity institution that does not discriminate on the basis of race, religion, age, color, sex, disability, sexual orientation, gender identity, genetics, national origin, veteran's status, marital status, political belief or affiliation, and economic or perceived social status in its admissions, student aid, employment practices, education programs or other related activities. Inquiries concerning Title VI, Title IX, and Section 504 may be referred to Sandi Lillehaugen, Human Resource Director, Lake Region State College, 1801 N. College Drive; Office #120, Devils Lake, ND 58301, (701) 662-1543 Sandra.Lillehaugen@lrsc.edu or the Office of Civil Rights/HHS, 1961 Stout Street, Room 08-148, Denver, CO 80294. The Office of Civil Rights also can be reached by calling (800) 368-1019, faxing (202) 619-3818, TDD (800) 537-7697 or by emailing ocrmail@hhs.gov.*

*LRSC is committed to providing reasonable accommodations to qualified individuals with disabilities upon request. To request an accommodation or to request this document in an alternate format, please contact Sandi Lillehaugen, Human Resource Director, Lake Region State College, 1801 N. College Drive; Office #120, Devils Lake, ND 58301, (701) 662-1543, Sandra.Lillehaugen@LRSC.edu. One-week advance notice appreciated.*

For more information on the Precision Ag program, please contact Mylee Severtson,  
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