

AGRICULTURE

Associate in Applied Science

60-credits

THE PROGRAM

The Agriculture program is an Associate in Applied Science (AAS) degree offering coursework in agronomy, crop production, soils and soil fertility, precision agriculture technology, data analysis, agribusiness, and livestock care and production.

Students learn through classroom study and applied experiences in real agricultural settings. An internship is included, giving students time in the field to explore career directions and gain experience before graduation. Students can also choose added focus areas in Precision Agriculture or Agriculture Production Management based on their interests.

WHAT STUDENTS WILL GAIN

Students build experience that supports career direction in agriculture, whether entering the workforce or continuing their education.

- Crop and livestock production
- Soil and field management
- Precision agriculture, equipment, and data use
- Agribusiness operations and decision-making
- Agricultural communication and workplace skills
- Career exploration and field experience

AGRICULTURE DEGREE OPPORTUNITIES

Agriculture continues to change as technology and production demands increase. As the demand for food, fiber, fuel, and pharmaceuticals grows, the industry depends more on efficiency and advancing technology. Graduates enter a wide range of roles in production agriculture, agronomy, livestock production, feed sales, agribusiness, and more.

For continued education, LRSC offers transfer pathways through articulation agreements with NDSU, UMN Crookston, and Mayville State University. Advisors help students align coursework with transfer or career goals.

ADVISORS/TRIO & POWERSKILLS

TRiO & PowerSkills provide academic support for all students, including tutoring, advising, study support, testing/proctoring, and disability services.

PROGRAM CONTACTS

For questions about the Agriculture program at Lake Region State College, contact:

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STUDENT SUCCESS TIPS

Schedule time with your advisor each semester to stay on track with your degree plan.

Review transfer requirements early if you plan to continue to a four-year institution.



Get involved in Agriculture Club to network and build connections in the industry.

Use TRiO & PowerSkills for academic support services, including tutoring, advising, study support, testing/proctoring, and disability services.

Over \$540,000 in scholarships are awarded to students each year. Complete the scholarship application on the LRSC website—one application applies to multiple scholarships, and awards are matched based on eligibility.



AGRICULTURE

60-CREDIT PROGRAM

First Semester	Credits
AGRI 297: Internship	1
ASM 130: Agriculture Industry Machinery Operations	3
BIOL 130: Introduction to Biological Chemistry	4
PLSC 225: Principles of Crop Production	3
SOIL 210: Introduction to Soil Science	3
Program Elective	3
Second Semester	
ASM 220: Agriculture Systems Management Computer Science	3
PLSC 223: Introduction to Weed Science	4
PLSC 235: Field Scouting Techniques <i>[Fulfills HPER requirement]</i>	3
SOIL 222: Soil Fertility and Fertilizers	3
Program Elective	3
Third Semester (Fall)	
AGEC 250: Agribusiness Sales	3
AGRI 297: Internship	2
ENGL 110: College Composition I	3
MATH 103: College Algebra or MATH 210: Elementary Statistics	3
Program Elective	3
Fourth Semester	
AGEC 141: Introduction to Agribusiness Management	2
COMM 110: Fundamentals of Public Speaking	3
Humanities/Social Science electives	6
Program Elective	2
Total Credits	60
<i>Total Credits for A.A.S. Agriculture + Precision Agriculture Certificate</i>	<i>64</i>
<i>Total Credits for A.A.S. Agriculture + Agriculture Production Management Certificate</i>	<i>67</i>

Eleven elective credits are required in addition to core coursework to meet the minimum credit requirement for the Agriculture A.A.S. Students may also enroll in the Agriculture Production Management certificate or the Precision Agriculture certificate for additional training.

Agriculture Production Management Certificate: 18 credits

ANSC 114: Introduction to Animal Science
 ANSC 123: Feeds and Feeding
 AGECE 142: Agriculture Accounting
 AGECE 242: Introduction to Agricultural Management
 AGECE 244: Introduction to Agriculture Marketing
 AGECE 290: Computerized Farm Record Keeping

Precision Agriculture Certificate: 15 credits

PAG 115: Introduction to Precision Agriculture
 PAG 215: Precision Agriculture Systems
 AGRI 265: Agriculture Electronics Devices and Systems
 AGRI 280: Advanced Precision Agriculture: Fall Operations
 AGRI 290: Advanced Precision Agriculture: Spring Operations