



Crookston Campus

Agricultural Systems Management Minor

Agriculture and Natural Resources

Academic Affairs

- Program Type: Undergraduate minor related to major
- Requirements for this program are current for Fall 2022
- Required credits in this minor: 18

A minor in agricultural systems management provides an opportunity for students to learn the principles of agricultural technologies and how they relate to crop and livestock production and modern agricultural machinery. The opportunity exists for students to gain valuable knowledge in the area of renewable energy and bio-fuels technology and how that relates to agricultural enterprises.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Minor Requirements

Agricultural Systems Management Minor

A minimum of 6 credits applied toward this minor must be upper-division.

Take 18 or more credit(s) from the following:

Lower-Division

Take 2 - 12 credit(s) from the following:

- [ASM 1021](#) - Introduction to Agricultural Systems Management (3.0 cr)
- [ASM 1034](#) - Facility Maintenance and Safety (4.0 cr)
- [ASM 2043](#) - Welding and Manufacturing Processes (3.0 cr)
- [ASM 2053](#) - Electricity, Controls, and Sensors in Agriculture (3.0 cr)
- [ASM 2250](#) - Agricultural Machinery Management (3.0 cr)

Upper-Division

Take 6 - 16 credit(s) from the following:

- [ASM 3002](#) - Agricultural Mobile Power Systems (3.0 cr)
- [ASM 3005](#) - Facilities Planning and Selection (3.0 cr)
- [ASM 3009](#) - Surveying (4.0 cr)
- [ASM 3360](#) - Applications in Precision Agriculture (2.0 cr)
- [ASM 3365](#) - Applications in Precision Agriculture Laboratory (1.0 cr)
- [ASM 3511](#) - Yield Monitoring and Data Interpretation (1.0 cr)
- [ASM 3512](#) - Remote Sensing Applications in Precision Agriculture (1.0 cr)
- [ASM 3513](#) - Precision Farming Data (1.0 cr)