



### **Crookston Campus**

## **Agricultural Business B.S.**

*Agriculture and Natural Resources*

### **Academic Affairs**

- Program Type: Baccalaureate
- Requirements for this program are current for Fall 2021
- Required credits to graduate with this degree: 120
- Required credits within the major: 48 to 49
- This program requires summer terms.
- Degree: Bachelor of Science

The program blends a strong base of agriculture, business, and general education courses while maximizing flexibility that allows students to choose electives to fit their career interests and expectations. A wide array of challenging, satisfying, and rewarding careers await graduates as demand for trained personnel in agribusiness continues to outstrip the supply of qualified graduates. Clusters of employment opportunities include agricultural sales and marketing, agribusiness management, agribusiness finance, agribusiness information management, food marketing management, global agribusiness, and rural economic development.

Program outcomes; graduates demonstrate ability to:

Create and present a strategic agribusiness plan that incorporates market analysis, risk analysis, and financial analysis.

Select and apply investment analysis techniques and interpret results.

Construct, interpret, and analyze a set of coordinated financial statements, consisting of balance sheets, income statement, and statement of cash flow.

Demonstrate competency in the use of spreadsheets, computerized recording keeping, and financial analysis software.

Demonstrate knowledge and understanding of the interconnections between production, sales, and the consumption of food and fiber.

Evaluate the impact of cash forward contracts, commodity futures, and option contracts on the buying/selling prices of commodities.

## **Program Delivery**

This program is available:

- via classroom (the majority of instruction is face-to-face)
- completely online (all program coursework can be completed online)

## **Admission Requirements**

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

## **General Requirements**

All students are required to complete general University and college requirements. For more information, see the [graduation requirements](#).

## **Program Requirements**

Students must complete 40 upper-division credits.

### **Agricultural Business Core**

A minimum grade of C- is required in the following core classes.

Take 17 or more course(s) totaling 45 or more credit(s) from the following:

- [ACCT 2101](#) - Principles of Accounting I (3.0 cr)
- [AGEC 1004](#) - Introduction to Agribusiness (3.0 cr)
- [AGEC 2310](#) - Agribusiness Financial Records (3.0 cr)
- [AGEC 2530](#) - Professional Agriselling (3.0 cr)
- [AGEC 3050](#) - Economics for AgriBusiness Management (3.0 cr)
- [AGEC 3540](#) - Farm Business Management (3.0 cr)
- [AGEC 3640](#) - Agricultural Finance and Valuation (3.0 cr)
- [AGEC 4740](#) - Grain and Livestock Marketing (3.0 cr)
- [AGEC 4760](#) - Business Plan Development for Agribusiness (3.0 cr)



GBUS 3107 - Legal Environment in Business (3.0 cr)

MGMT 3200 - Principles of Management (3.0 cr)

MKTG 3300 - Principles of Marketing (3.0 cr)

Choose one of the following:

• AGEC 3430 - Food Marketing Systems (3.0 cr)

or AGEC 3440 - Fundamentals of Value Added Agriculture (3.0 cr)

• Choose one of the following:

• COMM 3008 - Business Writing (3.0 cr)

or COMM 3704 - Business and Professional Speaking (3.0 cr)

#### • Internship

##### Pre-Internship Seminar

Choose one of the following:

• GNAG 2899 - Pre-Internship Seminar (0.5 cr)

or GNAG 3899 - Pre-Internship Seminar (0.5 cr)

##### Internship

Take 2 or more credit(s) from the following:

• GNAG 3900 - Internship (0.5 - 3.0 cr)

##### Post Internship Seminar

• GNAG 3901 - Post Internship Seminar (0.5 cr)

#### Agricultural Business Elective

A minimum grade of C- is required in the following core classes.

Take 1 or more course(s) totaling 3 or more credit(s) from the following:

• AGRO 1183 - Field Crops: Production Principles (3.0 cr)

or ANSC 1004 - Introduction to Animal Science (4.0 cr)

or ASM 1021 - Introduction to Agricultural Systems Management (3.0 cr)

or HORT 1010 - Introduction to Horticulture (3.0 cr)

or TURF 1072 - Principles of Turf Management (3.0 cr)

#### Liberal Education

This program requires a minimum of 40 credits of liberal education and completion of the ten goal areas of the Minnesota Transfer Curriculum. The following are specific required liberal education courses.

Take 8 or more course(s) totaling 26 or more credit(s) from the following:

• BIOL 1009 - General Biology [BIOL SCI, PEOPLE/ENV] (4.0 cr)

• CHEM 1001 - Introductory Chemistry [PHYS SCI] (4.0 cr)

• COMP 1011 - Composition I [COMMUNICAT] (3.0 cr)

• COMP 1013 - Composition II [COMMUNICAT] (3.0 cr)

• ECON 2101 - Microeconomics [HI/BEH/SSC] (3.0 cr)

• MATH 1031 - College Algebra [MATH THINK] (3.0 cr)

• MATH 1150 - Introduction to Statistics [MATH THINK] (3.0 cr)

• COMM 1101 - Public Speaking [COMMUNICAT] (3.0 cr)

#### Technology

If applicable, the course taken from below may be used to satisfy both the program and technology requirements.

Take 1 or more course(s) totaling 3 or more credit(s) from the following:

• AGEC 2310 - Agribusiness Financial Records (3.0 cr)

• AGEC 3310 - Advanced Agribusiness Financial Records (3.0 cr)

• CA 1xxx

• CA 2xxx

#### Agriculture/Business/Communication/Technology Electives

Students must complete 18 credits selected from the following prefixes and in consultation with an advisor.

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

• ACCT

• AGEC

• AGRO

• ANSC

• ASM

• CA

• COMM

• ENTR

• EQSC

• FIN

• GBUS

• GNAG

• HORT



- ITM
- MGMT
- MKTG
- SE
- SOIL
- SWM
- TURF
- WRIT

#### Open Electives

Students must take enough open electives credits to meet the 120 credit requirement for graduation.

## Program Sub-plans

A sub-plan is not required for this program.

#### Online

The program blends a strong base of agriculture, business, and general education courses while maximizing flexibility that allows students to choose electives to fit their career interests and expectations. A wide array of challenging, satisfying, and rewarding careers await graduates as demand for trained personnel in agribusiness continues to outstrip the supply of qualified graduates. Clusters of employment opportunities include agricultural sales and marketing, agribusiness management, agribusiness finance, agribusiness information management, food marketing management, global agribusiness, and rural economic development.

Students must complete 40 upper division credits.

#### Orientation to Online Learning

Take exactly 1 course(s) totaling exactly 1 credit(s) from the following:

- GBUS 1005** - Orientation to Online Learning (1.0 cr)

#### Agricultural Business Core

See on-campus Agricultural Business Core with below exceptions:

A minimum grade of C- is required in the following core classes, except for the communication choice.

NOT REQUIRED:

GNAG 3899 - Pre-Internship Seminar (0.5 cr)

GNAG 3901 - Post Internship Seminar (0.5 cr)

REQUIRED FOR 3 CREDITS

GNAG 3900 - Internship (3.0 cr)

#### Agricultural Business Elective

For the Agricultural Business Elective requirement, Online sub-plan students must take AGRO 1183 - Field Crops: Production Principles (3.0 cr).

#### Liberal Education

See on-campus requirements with the following exception:

NOT REQUIRED: CHEM 1001 - Introductory Chemistry

#### Technology

See on-campus requirements.

#### Agriculture/Business/Communication/Technology Electives

See on-campus requirements.

#### Open Electives

See on-campus requirements.

## Northland Community and Technical College Dual Enrollment