

# AGRICULTURE BUSINESS CERTIFICATE [6411]

16 CREDIT HOURS



## Recommended Course Sequence:

This recommended sequence is based on a part-time, 3-semester schedule beginning in the fall. See your academic advisor to adjust your plan of study. Core AGRI coursework is offered during the day; ACCT and BUSN classes are offered at night and/or online.

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
A TEC 120* <i>or</i>	Small Business Accounting <i>or</i>	3 <i>or</i>		
ACCT 200	Financial Accounting	4		
AGRI 104*	Computers in Agriculture	3		
AGRI 110	Introductory Agriculture Economics	3		
BUSN 230**	Principles of Marketing		3	
BTEC 250**	Small Business Management		3	
AGRI 299	Agriculture Internship (spring 8W2 & summer)			1
<b>Total Credit Hours</b>		<b>9</b>	<b>6</b>	<b>1</b>

\* denotes a fall only class

\*\*denotes a spring only class

<sup>p</sup>denotes course with a prerequisite

# AGRONOMY CERTIFICATE [6412]

Students choosing this certificate will also earn:

**19 CREDIT HOURS**



- Commercial Applicators Microcertificate – 3 credit hours

## Recommended Course Sequence:

This recommended sequence is based on a part-time, 2-semester schedule beginning in the fall. See your academic advisor to adjust your plan of study. *Core classes offered during the day.*

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 150 <sup>*P</sup>	Principles of Agronomy	4		
AGRI 151 <sup>*</sup>	Field Crop Scouting	3		
AGRI 157 <sup>*P</sup>	Introductory Soil Science	4		
AGRI 102 <sup>**</sup>	Agriculture Safety (8W1)		1	
AGRI 152 <sup>**</sup>	Crop Protection (8W1)		3	
AGRI 158 <sup>**</sup>	Soil Fertility and Fertilizers (8W1)		3	
AGRI 299	Agriculture Internship (spring 8W2 & summer)			1
<b>Total Credit Hours</b>		<b>11</b>	<b>7</b>	<b>1</b>

\* denotes a fall only class

\*\*denotes a spring only class

<sup>P</sup>denotes course with a prerequisite

# PRECISION AGRICULTURE CERTIFICATE [6413]

18 CREDIT HOURS



Students will also receive the [UAV Commercial Pilot Microcertificate](#).

## Recommended Course Sequence:

This recommended sequence is based on a part-time, 2-semester schedule beginning in the fall.

All classes offered during the day.

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 157 <sup>P*</sup>	Introductory Soil Science	4		
AGRI 160 <sup>*</sup>	Introduction to Precision Agriculture	3		
AGRI 161 <sup>*</sup>	Remote Sensing & Applications	3		
AGRI 102 <sup>**</sup>	Agriculture Safety (8W1)		1	
AGRI 162 <sup>P**</sup>	Soil Data and Feature Extraction (8W1)		3	
AGRI 163 <sup>**</sup>	UAS Certification & Operations in Ag (8W1)		3	
AGRI 299	Agriculture Internship (spring 8W2 & summer)			1
<b>Total Credit Hours</b>		<b>10</b>	<b>7</b>	<b>1</b>

\* denotes a fall only class

\*\*denotes a spring only class

<sup>P</sup>denotes course with a prerequisite

# REGENERATIVE AGRICULTURE CERTIFICATE [6414]

16-17 CREDIT HOURS



## Recommended Course Sequence:

This recommended sequence is based on a part-time, 2-semester schedule for students beginning in the fall. All courses offered during the day.

*Students choosing AGRI 120 instead of AGRI 150 will require one additional spring semester to complete this certificate. See your advisor to adjust your plan of study.*

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 150 <sup>P*</sup>	Principles of Agronomy (or AGRI 120)	4		
AGRI 157*	Introductory Soil Science	4		
AGRI 180*	Principles of Regenerative Agriculture	3		
AGRI 102**	Agriculture Safety (8W1)		1	
AGRI 170 <sup>P**</sup>	Introduction to Animal Science		4	
AGRI 299	Agriculture Internship (spring 8W2 & summer)			1
<b>Total Credit Hours</b>		<b>11</b>	<b>5</b>	<b>1</b>

\* denotes a fall only class

\*\*denotes a spring only class

<sup>P</sup>denotes course with a prerequisite

# AGRICULTURE

## ASSOCIATE IN APPLIED SCIENCE [5410]

60 CREDIT HOURS



(AGRI 120 STUDENTS)

STUDENTS ALSO RECEIVE THE FOLLOWING CERTIFICATES:

- Regenerative Agriculture, and
- At least one certificate from an emphasis option in Agriculture Business, Agronomy or Precision Agriculture

This recommended sequence is based on a full-time, 6-semester schedule beginning in the fall. This program can also be started in the summer or spring semesters, or taken part-time. See your academic advisor to adjust your plan of study.

*Core classes offered during the day, online or open learning format.*

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 104*	Computer Technology in Agriculture	3		
AGRI 110	Introductory Agriculture Economics	3		
AGRI 160	Introduction to Precision Agriculture	3		
COMM 101	Introduction to Oral Communication	3		
ENGL 101	Critical Reading and Writing	3		
AGRI 102**	Agriculture Safety (8W1)		1	
AGRI 120** <i>EVEN</i>	Introduction to Horticulture		3	
BTEC 145	Employment Essentials		1	
Elective	Emphasis Option Elective		3	
Math	Any college level Math course		3-4	
Science	Any Life or Physical Sciences general education course*		3-4	
AGRI 299	Agriculture Internship (spring 8W2 & summer)			1
<b>Total Credit Hours</b>		<b>15</b>	<b>14</b>	<b>1</b>

\*Students should take college level CHEM class if they have not already met AGRI 157 prerequisite

SECOND YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 157*	Introductory Soil Science	4		
AGRI 180*	Principles of Regenerative Agriculture	3		
Humanities or Fine Arts	Any Humanities or Fine Arts general education course	3		
Elective	Emphasis Option Elective(s)	6		
AGRI 170** <i>ODD</i>	Introduction to Animal Science		4	
BUSN 230**	Principles of Marketing		3	
BTEC 250**	Small Business Management		3	
Elective	Emphasis Option Elective(s)		3	
AGRI 299	Agriculture Internship (spring 8W2 & summer)			1
<b>Total Credit Hours</b>		<b>16</b>	<b>13</b>	<b>1</b>

\* denotes a fall only class

\*\*denotes a spring only class

‡proficiency exam available

### Emphasis Option Electives – 12 credit hours needed

Choose at least one emphasis option; complete the 12 required hours with course(s) from the Elective Course List:

- Agriculture Business – 3-4 hours (ACCT 120\* or ACCT 200)

- Agronomy – 9 hours (AGRI 151\* and AGRI 152\*\* and AGRI 158\*\*)
- Precision Agriculture – 9 hours (AGRI 161\*\* and AGRI 162\* and AGRI 163\*\*)
  
- *Elective Course List*
  - o Any AGRI course
  - o ATEC 140, ACCT 206
  - o BIOL 116, BIOL 131, BIOL 132
  - o BUSN 115, BTEC 150, BTEC 170, BTEC 250
  - o DMED 101
  - o EASC 111, EASC 122
  - o ELTC 102, ELTC 103
  - o HS 103
  - o REEC 120
  - o SCED 110
  - o TECH 172
  - o WELD 110