

AGRICULTURE – AGRICULTURE BUSINESS EMPHASIS

ASSOCIATE IN APPLIED SCIENCE [5410]

60 CREDIT HOURS



SEQUENCE START: Fall Spring Summer

ENROLLMENT: Full-time Part-time

COURSE OFFERINGS: Day Night Online Open Learning / Flex

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 103* (or BTEC 145)	Agriculture Employment	1		
AGRI 104*	Computer Technology in Agriculture	3		
AGRI 110	Introductory Agricultural Economics	3		
A TEC 120 or ACCT 200	Accounting Fundamentals or Financial Accounting	3-4		
ENGL 101	Critical Reading and Writing	3		
Math	Any College Level Math course	3-4		
AGRI 102**	Agriculture Safety		1	
AGRI 111** (or BUSN 230**)	Marketing Agricultural Products		3	
AGRI 112** (or BTEC 250**)	Farm Management		3	
AGRI 120 ^{^1**}	Introductory Horticulture		3	
Science ^{&}	Any IAI Life or Physical Science course		3-4	
AGRI 299	Internship in Agriculture			1
Total Credit Hours		16	13	1

^{^1} AGRI 120 or AGRI 150 (Principles of Agronomy) allowed. AGRI 150 is offered Fall only

[&] 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 140 ^{^2*}	Introduction to Cannabis	3		
AGRI 157 ^{P*}	Introductory Soil Science	4		
AGRI 160* <u>or</u> AGRI 180*	Introduction to Precision Agriculture <u>or</u> Introduction to Regenerative Agriculture	3		
Elective#	Any course(s) from elective list below (11-13 hours needed)	3		
Elective#	Any course(s) from elective list below (11-13 hours needed)	1-2		
COMM 101	Introduction to Oral Communication		3	
Humanities or Fine Arts	Any IAI Humanities or Fine Arts course		3	
Elective#	Any course(s) from elective list below (11-13 hours needed)		3	
Elective#	Any course(s) from elective list below (11-13 hours needed)		3	
Elective#	Any course(s) from elective list below (11-13 hours needed)		3	
AGRI 299	Internship in Agriculture			1
Total Credit Hours		14	15	1

^{^2} AGRI 140 or AGRI 170 (Introduction to Animal Science) allowed. AGRI 170 is offered Spring only

* fall only class

** spring only class

^P courses with a prerequisite or placement requirement

AGRICULTURE – AGRICULTURE BUSINESS EMPHASIS

ASSOCIATE IN APPLIED SCIENCE [5410]

60 CREDIT HOURS



Elective Course List

Choose from this list to complete your emphasis option requirements. You may also choose to complete an additional emphasis option to complete another certificate

Students in Agriculture Business may also consider completing the Bookkeeping certificate

Elective(s)

- Any additional AGRI course(s)
- Any ATEC course(s)
- BIOL 116, BIOL 131, BIOL 132
- Any BTEC course(s)
- BUSN 110, BUSN 210, BUSN 220
- COMM 135, COMM 160, COMM 220
- Any DMED course(s)
- EASC 111, EASC 122
- ELTC 102, ELTC 103
- HS 103
- REEC 120
- SCED 110
- TECH 172
- WELD 110

AGRICULTURE – AGRONOMY EMPHASIS

ASSOCIATE IN APPLIED SCIENCE [5410]

60 CREDIT HOURS



SEQUENCE START: Fall Spring Summer

ENROLLMENT: Full-time Part-time

COURSE OFFERINGS: Day Night Online Open Learning / Flex

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 103* (or BTEC 145)	Agriculture Employment	1		
AGRI 150 ^{P*}	Principles of Agronomy	4		
AGRI 153	Pest Management	3		
ENGL 101	Critical Reading and Writing	3		
Math	Any College Level Math course	3-4		
AGRI 102	Agriculture Safety		1	
AGRI 110	Introductory Agricultural Economics		3	
AGRI 170 [^]	Introduction to Animal Science		4	
COMM 101	Introduction to Oral Communication		3	
Science ^{&}	Any IAI Life or Physical Science course		3-4	
AGRI 299	Internship in Agriculture			1
Total Credit Hours		14-15	14-15	1

[^] AGRI 170 or AGRI 140 (Introduction to Cannabis) allowed. AGRI 140 is offered Fall only

[&] 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 104*	Computer Technology in Agriculture	3		
AGRI 157 ^{P*}	Introductory Soil Science	4		
AGRI 160*	Introduction to Precision Agriculture	3		
Elective#	Any course(s) from elective list below (14-15 hours needed)	2-3		
Elective#	Any course(s) from elective list below (14-15 hours needed)	3		
AGRI 158 ^{P**}	Soil Fertility and Fertilizers		3	
Humanities or Fine Arts	Any IAI Humanities or Fine Arts course		3	
Elective#	Any course(s) from elective list below (14-15 hours needed)		3	
Elective#	Any course(s) from elective list below (14-15 hours needed)		3	
Elective#	Any course(s) from elective list below (14-15 hours needed)		3	
AGRI 299	Internship in Agriculture			1
Total Credit Hours		15	15	1

* fall only class

** spring only class

^P courses with a prerequisite or placement requirement

AGRICULTURE – AGRONOMY EMPHASIS

ASSOCIATE IN APPLIED SCIENCE [5410]



60 CREDIT HOURS

Elective Course List

Choose from this list to complete your emphasis option requirements. You may also choose to complete an additional emphasis option to complete another certificate

Elective(s)	<ul style="list-style-type: none">▪ Any additional AGRI course(s)▪ Any ATEC course(s)▪ BIOL 116, BIOL 131, BIOL 132▪ Any BTEC course(s)▪ BUSN 110, BUSN 210, BUSN 220▪ COMM 135, COMM 160, COMM 220▪ Any DMED course(s)▪ EASC 111, EASC 122▪ ELTC 102, ELTC 103▪ HS 103▪ REEC 120▪ SCED 110▪ TECH 172▪ WELD 110
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AGRICULTURE – CANNABIS EMPHASIS

ASSOCIATE IN APPLIED SCIENCE [5410]

60 CREDIT HOURS



SEQUENCE START: Fall Spring Summer

ENROLLMENT: Full-time Part-time

COURSE OFFERINGS: Day Night Online Open Learning / Flex

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 103* (or BTEC 145)	Agriculture Employment	1		
AGRI 104*	Computer Technology in Agriculture	3		
AGRI 140*	Introduction to Cannabis	3		
AGRI 141*	Cannabis Regulatory Compliance	3		
BTEC 150	Customer Relations	1		
ENGL 101	Critical Reading and Writing	3		
AGRI 102**	Agriculture Safety		1	
AGRI 120 ^{p**}	Introductory Horticulture		3	
AGRI 142**	Cannabis Cultivation		4	
Math	Any College Level Math course		3-4	
Science ^{&}	Any IAI Life or Physical Science course		3-4	
AGRI 299	Internship in Agriculture			1
Total Credit Hours		14	14	1

[^] AGRI 170 or AGRI 140 (Introduction to Cannabis) allowed. AGRI 140 is offered Fall only

[&] 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 110	Introductory Agricultural Economics	3		
AGRI 157 ^{p*}	Introductory Soil Science	4		
AGRI 160 ^{p*} <i>or</i> AGRI 180*	Introduction to Precision Agriculture <i>or</i> Introduction to Regenerative Agriculture	3		
COMM 101	Introduction to Oral Communication	3		
Elective#	Any course(s) from elective list below (14 hours needed)	3		
Humanities or Fine Arts	Any IAI Humanities or Fine Arts course		3	
Elective#	Any course(s) from elective list below (14 hours needed)		3	
Elective#	Any course(s) from elective list below (14 hours needed)		3	
Elective#	Any course(s) from elective list below (14 hours needed)		3	
Elective#	Any course(s) from elective list below (14 hours needed)		2-3	
AGRI 299	Internship in Agriculture			1
Total Credit Hours		16	14	1

* fall only class

** spring only class

^p courses with a prerequisite or placement requirement

AGRICULTURE – CANNABIS EMPHASIS

ASSOCIATE IN APPLIED SCIENCE [5410]



60 CREDIT HOURS

Elective Course List

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Elective(s)	<ul style="list-style-type: none">▪ Any additional AGRI course(s)▪ Any ATEC course(s)▪ BIOL 116, BIOL 131, BIOL 132▪ Any BTEC course(s)▪ BUSN 110, BUSN 210, BUSN 220▪ COMM 135, COMM 160, COMM 220▪ Any DMED course(s)▪ EASC 111, EASC 122▪ ELTC 102, ELTC 103▪ HS 103▪ REEC 120▪ SCED 110▪ TECH 172▪ WELD 110
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AGRICULTURE – PRECISION AGRICULTURE EMPHASIS

ASSOCIATE IN APPLIED SCIENCE [5410]

60 CREDIT HOURS



SEQUENCE START: Fall Spring Summer

ENROLLMENT: Full-time Part-time

COURSE OFFERINGS: Day Night Online Open Learning / Flex

FIRST YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 103* (or BTEC 145)	Agriculture Employment	1		
AGRI 157 ^{P*}	Introductory Soil Science	4		
AGRI 160 ^{*P}	Introduction to Precision Agriculture	3		
AGRI 161 ^{*P}	Remote Sensing & Applications	3		
Math	Any College Level Math course	3-4		
AGRI 102 ^{**}	Agriculture Safety		1	
AGRI 162 ^{**P}	Soil Data & Feature Extraction		3	
AGRI 163 ^{**}	UAS Certification & Operations in Agriculture		3	
AGRI 120 ^{^1**P}	Introductory Horticulture		3	
ENGL 101	Critical Reading and Writing		3	
Science	Any IAI Life or Physical Science course		3-4	
AGRI 299	Internship in Agriculture			1
Total Credit Hours		14	16	1

^{^1} AGRI 120 or AGRI 150 (Principles of Agronomy) allowed. AGRI 150 is offered Fall only

SECOND YEAR	COURSE NAME	CREDIT HOURS		
		FALL	SPRING	SUMMER
AGRI 104*	Computer Technology in Agriculture	3		
AGRI 110 ^P	Introductory Agricultural Economics	3		
COMM 101	Introduction to Oral Communication	3		
Humanities or Fine Arts	Any IAI Humanities or Fine Arts course	3		
Elective#	Any course(s) from elective list below (12-13 hours needed)	3		
AGRI 170 ^{^2**P}	Introduction to Animal Science		4	
Elective#	Any course(s) from elective list below (12-13 hours needed)		3	
Elective#	Any course(s) from elective list below (12-13 hours needed)		3	
Elective#	Any course(s) from elective list below (12-13 hours needed)		3	
AGRI 299	Internship in Agriculture			1
Total Credit Hours		15	14	1

^{^2} AGRI 170 or AGRI 140 (Introduction to Cannabis) allowed. AGRI 140 is offered Fall only

* fall only class

** spring only class

^P courses with a prerequisite or placement requirement

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Elective(s)	<ul style="list-style-type: none">▪ Any additional AGRI course(s)▪ Any ATEC course(s)▪ BIOL 116, BIOL 131, BIOL 132▪ Any BTEC course(s)▪ BUSN 110, BUSN 210, BUSN 220▪ COMM 135, COMM 160, COMM 220▪ Any DMED course(s)▪ EASC 111, EASC 122▪ ELTC 102, ELTC 103▪ HS 103▪ REEC 120▪ SCED 110▪ TECH 172▪ WELD 110
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