



## Farm & Ranch Management

### (Farm & Ranch)

Associate in Applied Science

Advising Worksheet\* 2016-2017

Prescribed Technical Program Total	29-30
General Education Total	15
Farm & Ranch Management Electives	20
<b>Total Degree Credits</b>	<b>64-65</b>

### FRESHMAN YEAR

#### Fall Semester

##### Prescribed Technical Program Requirements

AGRI	115	Agriculture Math	3
AGRI	275	Introduction to Precision Farming	3
AGRI	299	Special Topics	1
ANSC	114/114L	Introduction to Animal Sciences/Lab	3
H&CE	241	Leadership and Presentation Techniques	2

##### General Education Courses

##### *Business, Math, Science & Technology*

PLSC	110/110L	World Food Crops/Lab (Required)	3
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##### *Communications I*

ENGL	110	College Communication I (Required)	3
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**Total Credits 18**

#### Spring Semester

##### Prescribed Technical Program Requirements

AGEC	246	Introduction to Agricultural Finance	3
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##### General Education Course

##### *Arts & Humanities/Social & Behavioral Science*

ECON	201	Principles of Microeconomics (Required)	3
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##### Farm & Ranch Management Required Program Electives (Select 6-9 credits)\*\*

1.			6-9
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**Total Credits 12-15**

#### Summer Semester

##### Prescribed Technical Program Requirements

AGRI	297	Cooperative Education/Internship	2
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**Total Credits 2**

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\*\*A total of 20 Agriculture Electives are required for degree.

## SOPHOMORE YEAR

### Fall Semester

<b>Prescribed Technical Program Requirements</b>			
AGEC	242	Introduction to Agricultural Management	3-4
SOIL	210/210L	Introduction to Soil Science/Lab	3
<b>General Education Course</b>			
<i>Communications II</i> (Select one course)			
ENGL	120	College Composition II	
ENGL	125	Introduction to Professional Writing	3
COMM	110	Fundamentals of Public Speaking	
<b>Farm &amp; Ranch Management Required Program Electives</b> (Select 8-9 credits)**			
1.			8-9
<b>Total Credits</b>			<b>17-19</b>

### Spring Semester

<b>Prescribed Technical Program Requirements</b>			
AGEC	244	Introduction to Agricultural Marketing	3
ANSC	123/123L	Feeds and Feeding/Lab	3
<b>General Education Course</b>			
<i>Business, Math, Science &amp; Technology</i>			
ACCT	200	Elements of Accounting I (Required)	3
<b>Farm &amp; Ranch Management Required Program Electives</b> (Select 6-8 credits)**			
1.			6-8
<b>Total Credits</b>			<b>15-17</b>

### Farm & Ranch Management Required Program Electives (Select 20 credits from the following)

AGEC	250	AgriSales (Spring only)	3	PLSC	223/223L	Introduction to Weed Science/Lab (Spring only)	3
AGEC	274	Cooperative Business Model (Spring only)	3	PLSC	225	Principles of Crop Production (Fall only)	3
AGRI	276	Data Collection and Management (Fall only)	2	PLSC	235	Field Scouting Techniques (Spring only)	2
AGRI	285	Precision Ag - Systems Software (Spring only)	2	PLSC	243	Advanced Weed Science (Spring only)	2
AGRI	286	Advanced Mapping (Spring only)	2	PLSC	245	Advanced Crop Production (Fall only)	2
ANSC	220/220L	Livestock Production/Lab (Spring only)	3	RNG	236	Introduction to Range Management (Fall only)	3
ANSC	252	Large Ruminant Production (Spring only)	2	SOIL	222/222L	Soil Fertility and Fertilizers/Lab (Spring only)	3
ASM	130	Agriculture Industry Machinery Operation (Spring only)	2	VETS	101	Introduction to Veterinary Science (Spring only)	2
ASM	175	Agriculture Industry Skills (Fall only)	3	VETS	239	Animal Health (Fall only)	3

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\*\*A total of 20 Agriculture Electives are required for degree.

# Associate in Applied Science (AAS) 2016-2017 Catalog

Advisor: \_\_\_\_\_  
 Office: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Email: \_\_\_\_\_

## Degree Checklist

### Credits

- \_\_\_\_\_ Earned a minimum of 3 credits in ENGL 110  
 \_\_\_\_\_ Earned a minimum of 3 credits in ENGL 120, ENGL 125 or COMM 110  
 \_\_\_\_\_ Earned a minimum of 3 credits in Arts & Humanities/Social & Behavioral Science  
 \_\_\_\_\_ Earned a minimum of 6 credits in Business, Math, Science & Technology  
 \_\_\_\_\_ Earned prescribed technical program requirements  
 \_\_\_\_\_ Earned a minimum of 60 credits  
*-Academic Skills Courses (ASC) do not count toward graduation*

- Earned a minimum of 15 institutional credits (BSC only)  
 Earned a minimum 2.00 institutional GPA (BSC only)  
 Earned a minimum 2.00 cumulative GPA (BSC + Transfer)  
 Earned a minimum 2.00 GPA in a prescribed technical program  
 Cleared all college obligations  
 Declared program of study is Degree-seeking  
 Filed an Application for Degree

Legend  
 (\*) Course not approved as GERTA

## General Education Requirements

**Category I: COMMUNICATIONS** Completed \_\_\_\_\_ Needed \_\_\_\_\_

### Communications I

*(3 Credits) - ENGL 110*

Gr.	Cr.		
_____	3	ENGL 110	College Composition I

Transfer Course \_\_\_\_\_

### Communications II

*(3 Credits) -ENGL 120, 125, COMM 110 (Select one)*

Gr.	Cr.		
_____	3	ENGL 120	College Composition II
_____	3	ENGL 125	Introduction to Professional Writing
_____	3	COMM 110	Fundamentals of Public Speaking

Transfer Course \_\_\_\_\_

# General Education Requirements Continued

## Category II: ARTS & HUMANITIES/SOCIAL & BEHAVIORAL SCIENCES

Completed \_\_\_\_\_ Needed \_\_\_\_\_

(3 Credits)

Gr.	Cr.		Gr.	Cr.		Gr.	Cr.	
_____	3	ART 110	_____	3	HIST 101	_____	3	POLS 115
_____	3	ART 122	_____	3	HIST 102	_____	3	POLS 116
_____	3	ART 124	_____	3	HIST 103	_____	3	POLS 220
_____	3	ART 130	_____	3	HIST 104	_____	3	PSYC 111
_____	3	ART 210	_____	3	HIST 220	_____	3	* PSYC 211
_____	3	ART 211	_____	3	HIST 222	_____	3	PSYC 250
_____	3	ART 220	_____	3	HIST 224	_____	3	* PSYC 261
_____	3	ART 221	_____	3	HIST 225	_____	3	PSYC 270
_____	3	ART 230	_____	1-3	* HIST 243	_____	3	RELS 120
_____	3	ART 250	_____	3	HUMS 210	_____	3	RELS 201
_____	3	ART 251	_____	1-4	HUMS 211	_____	3	RELS 203
_____	2	ART 265	_____	2	HUMS 212	_____	3	RELS 220
_____	2	ART 266	_____	3	MUSC 100	_____	3	RELS 230
_____	3	CJ 201	_____	1	MUSC 117	_____	3	SOC 110
_____	3	COMM 211	_____	1	MUSC 118	_____	3	SOC 115
_____	3	* COMM 212	_____	1	MUSC 121	_____	3	SOC 220
_____	3	ECON 105	_____	1	MUSC 132	_____	3	SOC 221
_____	3	ECON 201	_____	1	MUSC 133	_____	3	SOC 235
_____	3	ECON 202	_____	1	MUSC 134	_____	3	SOC 251
_____	3	ENGL 211	_____	1	MUSC 135	_____	3	SOC 252
_____	3	ENGL 221	_____	1	MUSC 136	_____	3	SOC 275
_____	3	* ENGL 222	_____	1	MUSC 137	_____	4	SPAN 101
_____	3	ENGL 233	_____	1	* MUSC 138	_____	4	SPAN 102
_____	3	ENGL 236	_____	1	MUSC 145	_____	4	SPAN 201
_____	3	ENGL 238	_____	1	MUSC 146	_____	4	SPAN 202
_____	3	ENGL 251	_____	3	PHIL 101	_____	3	SWK 256
_____	3	ENGL 252	_____	3	PHIL 210	_____	3	THEA 110
_____	3	ENGL 261	_____	3	PHIL 220	_____	3	THEA 161
_____	3	ENGL 262	_____	3	PHIL 250	_____	3	THEA 261
_____	3	ENGL 278	_____	3	PHIL 253	_____		

Transfer Courses

Transfer Courses

Transfer Courses

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# General Education Requirements Continued

## Category III: BUSINESS, MATH, SCIENCE & TECHNOLOGY

Completed \_\_\_\_\_

Needed \_\_\_\_\_

(6 Credits) *Must be satisfied with courses from two areas of study. Area of study is based on course prefix.*

Gr.	Cr.			Gr.	Cr.			Gr.	Cr.			
_____	3	*	ACCT 200	Elements of Accounting I	_____	3/1	CHEM 110	Survey of Chemistry/Lab	_____	3	MATH 146	Applied Calculus I
_____	3	*	ACCT 201	Elements of Accounting II	_____	3/1	CHEM 112	Introduction to Forensic Science/Lab	_____	4	MATH 165	Calculus I
_____	3/1		ASTR 150	Meteorology/Lab	_____	3/1	CHEM 114	Chemistry in Art/Lab	_____	4	MATH 166	Calculus II
_____	3	*	BADM 202	Principles of Management	_____	4/1	CHEM 115	Introductory Chemistry/Lab	_____	3	* MATH 208	Discrete Mathematics
_____	3	*	BADM 210	Advertising I	_____	4/1	CHEM 116	Intro to Organic and Biochemistry/Lab	_____	3	MATH 210	Elementary Statistics
_____	3	*	BADM 240	Sales	_____	4/1	CHEM 121	General Chemistry I/Lab	_____	4	* MATH 277	Math for Elementary Teachers I
_____	3	*	BADM 281	Organizational Behavior	_____	4/1	CHEM 122	General Chemistry II/Lab	_____	3/1	MICR 202	Introductory Microbiology/Lab
_____	3	*	BADM 282	Human Resource Management	_____	4	* CIS 164	Networking Fundamentals I	_____	3	* NUTR 240	Principles of Nutrition
_____	1	*	BIOL 102	Introduction to Aquarium Keeping	_____	3	CSCI 101	Introduction to Computers	_____	3/1	PHYS 100	Concepts of Physics/Lab
_____	3		BIOL 109	The Living World	_____	3	CSCI 122	Beginning Visual Basic	_____	3/1	PHYS 110	Introductory Astronomy/Lab
_____	3/1		BIOL 111	Concepts of Biology/Lab	_____	4	CSCI 160	Computer Science I	_____	3/1	PHYS 211	College Physics I/Lab
_____	3/1		BIOL 115	Human Structure and Function/Lab	_____	4	CSCI 161	Computer Science II	_____	3/1	PHYS 212	College Physics II/Lab
_____	3		BIOL 124	Environmental Science	_____	3/1	GEOG 121	Physical Geography/Lab	_____	4/1	PHYS 251	University Physics I/Lab
_____	3/1		BIOL 126	Human Biology/Lab	_____	3/1	GEOL 102	Historical Geology/Lab	_____	4/1	PHYS 252	University Physics II/Lab
_____	3/1		BIOL 150	General Biology I/Lab	_____	3/1	GEOL 105	Physical Geology/Lab	_____	2/1	PLSC 110	World Food Crops/Lab
_____	3/1		BIOL 151	General Biology II/Lab	_____	3	GIS 105	Fundamentals of GIS	_____	3/1	SCNC 101	Physical Science I/Lab (Biology & Chemistry)
_____	3/1		BIOL 220	Anatomy and Physiology I/Lab	_____	3	* GIS 107	GIS Applications	_____	3/1	SCNC 102	Physical Science II/Lab (Physics & Geology)
_____	3/1		BIOL 221	Anatomy and Physiology II/Lab	_____	4	MATH 103	College Algebra	_____	3/1	SCNC 103	Physical Science III/Lab (Astronomy & Meteorology)
_____	3/1		BIOL 250	Survey of Tropical Biology/Lab	_____	3	MATH 104	Finite Mathematics	_____	2/1	* SOIL 210	Introduction to Soil Science/Lab
_____	3/1		BIOL 251	Community Ecology/Lab	_____	2	MATH 105	Trigonometry				
_____	3/1		BOT 170	Plant Form and Diversity/Lab	_____	4	MATH 107	Pre-Calculus				
_____	3	*	BUSN 120	Fundamentals of Business	_____	3	* MATH 137	Applied Algebra				

Transfer Courses

Transfer Courses

Transfer Courses

_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

## Academic Skills Courses (ASC)

*The following Academic Skills Courses (ASC), as well as Math 102, are pre-college courses that indicate the need for college preparation work before enrollment in college level courses. These courses will not carry honor points or earned credit and will not count toward the student's degree program.*

Gr.	Cr.			Gr.	Cr.			
_____	2		ASC 082	Effective Reading	_____	2	ASC 92	Algebra Prep II
_____	3		ASC 087	College Writing Prep	_____	2	ASC 93	Algebra Prep III
_____	1		ASC 088	Composition Lab	_____	3/1	ASC 098	Basic Biology/Lab
_____	2		ASC 91	Algebra Prep I				

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