

## AGRICULTURE

### Associate of Applied Science Livestock and Ranch Management

<u>Credits</u>	<u>General Education Requirements - 18 Credits</u>	<u>Course Number</u>
3	<u>Mathematics - 3 Credits</u> Career Math or higher	MAT 107+
3	<u>Written Communication - 3 Credits</u> <b>English Composition I</b> or higher	<b>ENG 121+</b>
3	<u>Oral Communication - 3 Credits</u> Public Speaking	COM 115
9	<u>Social and Behavioral Sciences - 9 Credits</u> <b>Agricultural Economics</b> <b>Principles of Macroeconomics</b> <b>World Interdependence: Food &amp; Population</b>	<b>AGE 102</b> <b>ECO 201</b> <b>AGR 260</b>
	<u>Specialized Course Requirements - 35 Credits</u>	
3	Introduction to Animal Science	ASC 100
4	Feeds & Feeding	ASC 225
3	Farm Animal Anatomy & Physiology	ASC 230
2	Livestock Practicum	ASC 288
3	Farm & Ranch Management	AGE 205
3	Agriculture Finance	AGE 208
3	Agriculture Marketing	AGE 210
4	Accounting I	ACC 121
7	Internship	AGP 280 OR AGB 280
3	Intro to PC Applications	CIS 118
	<u>Elective Options – 9 Credits</u>	
4	Accounting II	ACC 122
5	Outfitting & Guiding	ADG 150
2	Ranch Horsemanship Skills	AGP 160
2	Elementary Western Equitation	ASC 143
2	Intermediate Western Equitation	ASC 243
3	Live Animal & Carcass Evaluation	ASC 250
5	Applied Horsemanship	EQM 253
3	Equine Evaluation	EQM 153
2	Equine Reproduction	EQM 158
7	Specialized Training	HTM 253
3	Lameness in Horses	EQM 215
4	Colt Starting	HTM 151
3	Statistics (MA1)	MAT 135
4	Horticulture	HTL 100
3	Range Management	RAM 205
3	Integrated Ranch Management	AGR 224
	Any AME course	
	Any ADG course	
<b>63</b>	<b>Total Required Credit Hours</b>	

*This program is financial aid eligible*

gtPathways courses are indicated in **BOLD** print

**Animal Management  
Certificate**

Specialized Course Requirements - 18 Credits

3	Introduction to Animal Science	ASC 100
4	Feeds & Feeding	ASC 225
3	Farm Animal Anatomy & Physiology	ASC 230
3	Live Animal & Carcass Evaluation	ASC 250
2	Livestock Practicum	ASC 288
3	Intro to PC Applications	CIS 118
<b>18</b>	<b>Total Required Credit Hours</b>	

**Agriculture Management  
Certificate**

Specialized Course Requirements - 23 Credits

3	Agricultural Economics (SS1)	AGE 102
3	Farm & Ranch Management	AGE 205
3	Agriculture Finance	AGE 208
3	Agriculture Marketing	AGE 210
4	Accounting I	ACC 121
4	Accounting II	ACC 122
3	Intro to PC Applications	CIS 118
<b>23</b>	<b>Total Required Credit Hours</b>	

**Equine Training  
Certificate**

Specialized Course Requirements - 9 Credits

7	Specialized Training	HTM 253
2	Colt Starting OR Ranch Horsemanship	HTM 151 OR AGP 160
<b>9</b>	<b>Total Required Credit Hours</b>	

**Equine Studies  
Certificate**

Specialized Course Requirements - 11 Credits

3	Farm Animal Anatomy & Physiology	ASC 230
3	Equine Evaluation	EQM 153
2	Equine Reproduction	EQM 158
3	Lameness in Horses	EQM 215
<b>11</b>	<b>Total Required Credit Hours</b>	