

Farm and Ranch Management Production

Livestock Management Certificate A

Required Courses (Certificate A): 16 Credit Hours

Course ID	Course Title	Credit Hours	Notes
AGR 103	Principles of Animal Science	3	Fall/Spring
AGR 201	Animal Science and Industry	1	Fall/Spring
AGR 206	Farm Management	3	Spring
AGR 207	Marketing of Agriculture Products	3	Spring
Choose 2 of the Following:			
AGR 110	Agriculture Welding I	3	Fall
AGR 200	Agriculture Welding II	3	Spring
AGR 203	Fundamentals of Animal Nutrition	3	Spring
AGR 213	Agriculture Economics	3	Fall
AGR 216	Agriculture Technology Management	3	Fall
Total:		16	

Farm and Ranch Management Production AAS

Required Courses: 45 Credit Hours

Course ID	Course Title	Credit Hours	Notes
	*All courses from Cert A	16	
AGR 100A	Field Studies I	1	Fall/Spring
AGR 100B	Field Studies II	2	Fall/Spring
AGR 101	Agriculture Orientation	1	Fall
AGR 214	Crop Science	4	Fall
AGR 215	Agricultural Computations	3	Fall
AGR 223	Agriculture Entomology	3	Fall
AGR 224	Soil Science	4	Spring
AGR 251	Agriculture Chemicals	2	Spring
AGR 260	Beef Management	3	Spring
AGR ***	AGR course not taken in Certificate	3	Fall/Spring
AGR ***	AGR course not taken in Certificate	3	Fall/Spring
General Education Courses: 15 Credit Hours			
Course ID	Course Title	Credit Hours	Notes
COL 101	English Composition I	3	Fall/Spring/Summer
	Mathematics Bucket	3	
	Communications Bucket	3	
	Arts & Humanities Bucket	3	
	Social & Behavioral Bucket	3	
Total:		60	

Certificate/AAS in Farm and Ranch Management Semester Plan

Fall			Spring		
Course ID	Course	Credits	Course ID	Course	Credits
AGR 103	Principles of Animal Science	3	AGR 206	Farm Management	3
AGR 201	Animal Science and Industry	1	AGR 207	Marketing of Ag Products	3
AGR 100A	Field Studies I	1	AGR 260	Beef Management	3
AGR 101	Agriculture Orientation	1	---	Ag Certificate Elective	3
---	Ag Certificate Elective	3	COL 101	English Comp I (SGE) ⁰¹⁰	3
AGR 214	Crop Science	4			
AGR 215	Ag Computations	3			
	Total	16		Total	15

Fall			Spring		
Course ID	Course	Credits	Course ID	Course	Credits
---	Ag Certificate Elective	3	AGR 224	Soil Science	4
---	Ag Certificate Elective	3	AGR 251	Agriculture Chemicals	2
AGR 223	Agriculture Entomology	3	---	Arts/Humanities Elective (SGE) ⁰⁶⁰	3
AGR 100B	Field Studies II	2	---	Social/Behavioral Elective (SGE) ⁰⁵⁰	3
---	Mathematics Bucket (SGE) ⁰³⁰	3	---	Communication Elective (SGE) ⁰²⁰	3
	Total	14		Total	15

Systemwide Gen Ed (SGE) Key

010 – English
 020 – Communications
 030 – Math and Statistics
 040 – Natural & Physical Sciences

050 – Social & Behavioral Sciences
 060 – Arts & Humanities
 070 – Institutionally Designated