

AGRICULTURE

Agriculture Science and Technology Associate in Science Degree

Required Core Courses: 30 units

Total Units: 60 units

Course Number	Course Title	Fall	Spring
FIRST YEAR		Even	Odd
AGR 1	Agricultural Accounting	3	
OR			
BUS 13	Basic Accounting		
AGR 9	Food Animal Selection		3
AGR 10	Introduction to Animal Science		3
AGR 11	Beef Cattle Production	3	
AGR 20	Introduction to Plant Science		4
CA 31	Computer Applications I	2	
OR			
CA 32	Computer Application II		
	Required Electives		3
	Electives	3	
	General Education Requirement	3	3
	Total	14	16
SECOND YEAR		Odd	Even
AGR 2	Agricultural Economics	3	
AGR 3	Introduction to Agricultural Business		3
AGR 13	Feeds and Feeding	3	
AGR 14	Horse Husbandry		3
	Required Electives	3	
	Electives		3
	General Education Requirement	6	6
	Total	15	15

Required Electives: 6 units

Any six units from the following courses can be used to satisfy this requirement.

Required Elective Options		Fall	Spring
AGR 8	Introduction to Animal Production	3	
AGR 25	Vegetable Science for Urban Gardeners		3
AGR 26	Ornamental Plant Materials	3	
AGR 27	Principles of Landscape Design		3
AGR 31	Bovine Embryo Transplant		3
AGR 40	Basic Agricultural Mechanics	3-4	
AGR 61	Introduction to Bovine Reproduction		1.5

Electives: 6 units

Any College courses numbered 1 – 99, which are not already satisfying required core courses, can be used to satisfy this requirement.

General Education Requirements: 18 units

See a counselor to prepare your educational plan with the latest scheduling information.

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Agriculture Science and Technology
Certificate of Achievement

Required Core Courses: 30 units

Total Units: 33 units

Course Number	Course Title	Fall	Spring
FIRST YEAR			
AGR 1	Agricultural Accounting	Even 3	Odd
OR			
BUS 13	Basic Accounting		
AGR 9	Food Animal Selection		3
AGR 10	Introduction to Animal Science		3
AGR 11	Beef Cattle Production	3	
AGR 20	Introduction to Plant Science		4
CA 31	Computer Applications I	2	
OR			
CA 32	Computer Application II		
	Total	8	10
SECOND YEAR			
AGR 2	Agricultural Economics	Odd 3	Even
AGR 3	Introduction to Agricultural Business		3
AGR 13	Feeds and Feeding	3	
AGR 14	Horse Husbandry		3
	Required Electives	3	
	Total	9	6

Required Electives: 3 units

Any three units from the following courses can be used to satisfy this requirement.

Required Elective Options		Odd	Even
AGR 8	Introduction to Animal Production	3	
AGR 25	Vegetable Science for Urban Gardeners		3
AGR 26	Ornamental Plant Materials	3	
AGR 27	Principles of Landscape Design		3
AGR 31	Bovine Embryo Transplant		3
AGR 40	Basic Agricultural Mechanics	3-4	
AGR 61	Introduction to Bovine Reproduction		1.5

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Animal Science – Certificate of Completion

Required Core Courses: 16.5 units

Course Number	Course Title	Fall	Spring
AGR 8	Introduction to Animal Production	3	
AGR 10	Introduction to Animal Science		3
AGR 11	Beef Cattle Production	3	
AGR 13	Feeds and Feeding	3	
AGR 31	Bovine Embryo Transplant		3
AGR 61	Introduction to Bovine Reproduction		1.5
	Total	9	7.5

Horsemanship – Certificate of Completion

Required Core Courses: 14 units

Course Number	Course Title	Fall	Spring
AGR 14	Horse Husbandry		3
AGR 50	Basic Riding		2
AGR 23	Western Riding and Training	2	
	<u>OR</u>		
AGR 51	Horsemanship		
AGR 24	English Riding and Training		2
	<u>OR</u>		
AGR 52	Advanced Horsemanship		
AGR 53	Colt Training		2 even
AGR 57	Beginning Horseshoeing	3 odd	
	Total	5	9

Horticulture – Certificate of Completion

Required Core Courses: 13 units

Course Number	Course Title	Fall	Spring
AGR 20	Introduction to Plant Science		4
AGR 25	Vegetable Science for Urban Gardeners		3
AGR 26	Ornamental Plant Materials	3	
AGR 27	Principles of Landscape Design		3
	Total	3	10

Mechanized Agriculture– Certificate of Completion

Required Core Courses: 9 units

Course Number	Course Title	Fall	Spring
AGR 40	Basic Agricultural Mechanics	3 - 4	
AGR 41	Farm Tractors and Farm Power		3 - 4
AGR 42	Farm Surveying, Irrigation and Drainage	1 - 3	1 - 3
	Total	4 - 5	4 - 5

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