AGRICULTURE EDUCATION

The Agriculture Education curriculum is designed to provide the entrepreneurial and technical skills necessary to manage a profitable, environmentally sound, community based small farm or agricultural business. The objective is the development of a workforce knowledgeable in sustainable agriculture practices.

Students will learn the fundamentals of agriculture, focusing on crop production and business. Emphasis is placed on entrepreneurial and field training. Students will also learn the basic principles of our economic system and government policies and programs relating to agriculture.

Graduates should qualify for a variety of jobs in agricultural businesses such as equipment, feed, and agricultural supply sales; store management; farm operations; wholesale and retail produce management; nursery operations; and environmental and agricultural education.

This program that is designed to provide students with agriculture and education foundation courses. Course work focuses on the foundational aspects of agriculture and education theory. Students will be introduced to classroom theory and management as well as soil, plant, and animal science. This curriculum will provide students with the knowledge and skills to be eligible to become extension agents, farm management specialists, 4-H specialists, crop service representatives, agri-tourism tour guides or work in agriculture sales, or environmental community education programs. Successful completion of the program will provide students with an opportunity to articulate their coursework to university programs in Agriculture Education.

AGRICULTURE EDUCATION
A.A.S. Degree (A15330)
Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
FALL SEMESTER 1						
ACA 122	College Transfer Success	0	2	0	0	1
AGR 139	Intro to Sustainable Agriculture	3	0	0	0	3
BIO 111	General Biology I	3	3	0	0	4
ENG 111	Writing & Inquiry	3	0	0	0	3
MAT 152	Statistical Methods I *or*					
MAT 171	Precalculus Algebra	3	2	0	0	4
	TOTALS	12	7	0	0	15
SPRING SEMESTER 1						
BIO 112	General Biology II	3	3	0	0	4
ENG 112	Writing/Research in the Disc	3	0	0	0	3
AGR 170	Soil Science	2	2	0	0	3
AGR 160	Plant Science	2	2	0	0	3
AGR 110	Agricultural Economics	3	0	0	0	3
	TOTALS	13	7	0	0	16
FALL SEMESTER 2						
AGR 121	Biological Pest Management	3	0	0	0	3
AGR 261	Agronomy	2	2	0	0	3
ANS 110	Animal Science	3	0	0	0	3
EDU 216	Foundations of Education	3	0	0	0	3
	Humanities/Fine Arts Elective	3	0	0	0	3
	Behavioral/Social Sciences Elective	3	0	0	0	3
	TOTALS	17	2	0	0	18
SPRING SEMESTER 2						
AGR 150	Ag-O-Metrics	3	0	0	0	3
AGR 212	Farm Business Management	3	0	0	0	3
AGR 214	Agricultural Marketing	3	0	0	0	3
EDU 163	Classroom Mgt & Instruction	3	0	0	0	3
WBL 112	Work-Based Learning I	0	0	0	20	2
WLD 112	Basic Welding Processes	1	3	0	0	2
	TOTALS	13	3	0	20	16
	PROGRAM TOTAL					**65**

AGRICULTURE EDUCATION
Diploma Program (D15330)
Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
FALL SEMESTER 1						
ACA 122	College Transfer Success	0	2	0	0	1
AGR 121	Biological Pest Management	3	0	0	0	3
AGR 139	Intro to Sustainable Agriculture	3	0	0	0	3
ANS 110	Animal Science	3	0	0	0	3
ENG 111	Writing & Inquiry	3	0	0	0	3
	TOTALS	12	2	0	0	13
SPRING SEMESTER 1						
AGR 110	Agricultural Economics	3	0	0	0	3
AGR 160	Plant Science	2	2	0	0	3
AGR 170	Soil Science	2	2	0	0	3
AGR 214	Agricultural Marketing	3	0	0	0	3
EDU 163	Classroom Mgt & Instruction	3	0	0	0	3
	TOTALS	13	4	0	0	15
FALL SEMESTER 2						
AGR 261	Agronomy	2	2	0	0	3
EDU 216	Foundations of Education	3	0	0	0	3
MAT 171	Precalculus Algebra	3	2	0	0	4
WBL 112	Work-Based Learning I	0	0	0	20	2
	TOTALS	8	4	0	20	12
	DIPLOMA TOTAL					**40**

AGRICULTURE EDUCATION
Certificate Program (C15330)
Suggested Sequence of Courses

Prefix	Course Title	Class	Lab	Clinic	Work	Credit
FALL SEMESTER 1						
AGR 121	Biological Pest Management	3	0	0	0	3
AGR 139	Intro to Sustainable Agriculture	3	0	0	0	3
EDU 216	Foundations of Education	3	0	0	0	3
	TOTALS	9	0	0	0	9
SPRING SEMESTER 1						
AGR 160	Plant Science	2	2	0	0	3
	TOTALS	2	2	0	0	3
	CERTIFICATE TOTAL					**12**