

# Agriculture Systems (AAS)

**Degree Type:** Associate of Applied Science Degree

**Division:** Business, Education, Math, Science & Technology

**Purpose:** Career and Technical Education. This program is for students who want to develop management and technical skills to enter agricultural related industry or production. The curriculum is constructed so that students may concentrate in one of two areas: AGRIBUSINESS or AGRITECHNOLOGY. A full-time student may complete the curriculum in two years.

## Agribusiness Option

### FIRST YEAR

Fall Semester			Hours	✓
ENGL	105 <sup>(1)</sup> ENGL 111 <sup>(1)</sup>	Technical Writing –or– College Writing	3	
AGRI	120	Plant Science	4	
AGRI	130	Animal Science	3	
BUED	110	Business Mathematics	3	
BUAD	120	Contemporary Business Practices	3	
TOTAL HOURS			16	

Spring Semester			Hours	✓
GOVT	121 <sup>(1)</sup>	National and State Government	3	
IST	100	Computer Literacy	3	
AGRI	110	Soil and Soil Fertility	3	
AGRI	232	Livestock Production	3	
MKTG	128	Professional Selling	3	
TOTAL HOURS			15	

### SECOND YEAR

Fall Semester			Hours	✓
AGRI	122	Natural Resources Management	3	
AGRI	240	Agricultural Economics and Marketing	3	
AGRI	260	General Horticulture	3	
BMGT	108	Human Resource Management	3	
VALU	190	World Foods and Society	3	
TOTAL HOURS			15	

Spring Semester			Hours	✓
AGRI	172	Integrated Pest Management	3	
AGRI	270	Agriculture Systems Management	3	
AGRI	297	Agriculture Internship	6	
SCOM	110	Public Speaking	3	
CIVL	198	Seminar	1	
TOTAL HOURS			16	

## Agritechnology Option

### FIRST YEAR

Fall Semester			Hours	✓
ENGL	105 <sup>(1)</sup> ENGL 111 <sup>(1)</sup>	Technical Writing –or– College Writing	3	
AGRI	120	Plant Science	4	
AGRI	130	Animal Science	3	
CIVL	106	Technical Math I	3	
General Education Elective			3	
TOTAL HOURS			16	

Spring Semester			Hours	✓
GOVT	121 <sup>(1)</sup>	National and State Government	3	
IST	100	Computer Literacy	3	
AGRI	110	Soil and Soil Fertility	3	
AGRI	232	Livestock Production	3	
CIVL	116	Surveying I	3	
TOTAL HOURS			15	

### SECOND YEAR

Fall Semester			Hours	✓
AGRI	122	Natural Resources Management	3	
AGRI	240	Agricultural Economics and Marketing	3	
AGRI	260	General Horticulture	3	
CIVL	208 ELEC 115	Mechanical and Electrical Systems –or– Applied DC & AC Circuits	3	
MAFT	255	Hydraulics and Pneumatics	3	
TOTAL HOURS			15	

Spring Semester			Hours	✓
AGRI	172	Integrated Pest Management	3	
AGRI	270	Agriculture Systems Management	3	
AGRI	297	Agriculture Internship	6	
SCOM	110 <sup>(1)</sup>	Public Speaking	3	
CIVL	198	Seminar	1	
TOTAL HOURS			16	

<sup>(1)</sup>Course has prerequisite or placement requirements.