

## AGRICULTURAL SCIENCES – AGRICULTURE BUSINESS OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

Program Requirements	Suggested Course Sequence:	This Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general requirements. The program is designed for seamless transfer to the Bachelor in Science degree in Agriculture Education, Animal Science, Animal Production, or Agriculture Ecology and includes courses generally completed in the first two years of a baccalaureate degree program.
<b>General Education Courses - 37 Total Credit Hours</b>	<b>First Semester 15 Total Credit Hours</b>	Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses which will meet requirements for both associate and bachelor's degree programs.
<b>English Composition Courses</b>	ENGL 1113 English Composition I 3 hours	The agricultural sciences program prepares students interested in animal science, animal production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored.
ENGL 1213 English Composition II 3 hours	MATH 1483 Math Functions 3 hours	
<b>History &amp; Government Courses</b>	ORNT 1101 Freshman Orientation 1 hour	
HIST 1483 Amer. History to 1877 3 hours	AGRI 1124 Intro to Animal Sciences 4 hours	
(or) HIST 1493 Amer. History Since 1877	BISI 1114 General Biology 4 hours	
POLI 1113 American Government 3 hours	(or) BISI 1124 Gen Bio for Majors	
<b>Humanities Courses</b>	<b>Second Semester 16-17 Total Credit Hours</b>	
Electives 6 hours	ENGL 1213 English Composition II 3 hours	
One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives.	HIST 1483 Amer. History to 1877 3 hours	
<b>Mathematics Courses</b>	(or) HIST 1493 Amer. History Since 1877	
MATH 1483 Math Functions 3 hours	BSAD 1113 Digital/Financial Literacy 3 hours	
(or) MATH 1513 Algebra for STEM	CHEM 1014 Concepts in Chemistry 4-5 hours	
<b>Science Courses</b>	(or) CHEM 1315 General Chemistry I	
BISI 1114 General Biology 4 hours	SPCH 1713 Intro to Oral Communications	
(pr) BISI 1124 Gen Bio for Majors	(program elective) 3 hours	
CHEM 1014 Concepts of Chemistry 4-5 hours	<b>Third Semester 15 Total Credit Hours</b>	
(or) CHEM 1315 General Chemistry 1	Humanities Elective 3 hours	
<b>Computer Science Courses</b>	POLI 1113 American Government 3 hours	
BSAD 1113 Digital/Financial Literacy 3 hours	AGRI 1113 Agricultural Economics 3 hours	
(or other approved computer course)	AGRI 1223 Intro to Plant/Soil Science 3 hours	
<b>Orientation Courses</b>	ACCT 2103 Accounting I-Financial 3 hours	
ORNT 1101 Freshman Orientation 1 hour	<b>Fourth Semester 14 Total Credit Hours</b>	
<b>General Education Elective Courses</b>	Humanities Elective 3 hours	
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.	(Recommend PHIL 2223 Business Ethics)	
It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below.	ACCT 2203 Accounting II-Managerial 3 hours	
<b>Program Requirement Courses - 16 Total Hours</b>	*Program/Gen Ed Electives 7-8 hours	
**AGRI 1113 Agriculture Economics 3 hours	(2-3 courses)	
**AGRI 1124 Intro to Animal Science 4 hours	*Hours from recommended program electives and general education electives in Science may be combined for final 8 hours required to graduate.	
**AGRI 1223 Intro to Plant/Soil Science 3 hours	<i>This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.</i>	
ACCT 2103 Accounting 1-Financial 3 hours		
ACCT 2203 Accounting II-Managerial 3 hours		
<i>Substitutions may be made with prior approval.</i>		
<b>Recommended Program Elective Courses - 7 Total Hours</b>		
BSAD 1103 Intro to Business 3 hours		
BMGT 2263 Management Principles 4 hours		
ECON 2113 Macroeconomics 3 hours		
SPCH 1713 Intro to Oral Communication 3 hours		
PRDV 2321 Professional Development 1 hour		
**AGRI 2103 Agriculture Leadership 3 hours		
**AGRI 2123 Livestock Feeding 3 hours		
**AGRI 2124 Soil Science 3 hours		
**AGRI 2222 Live Animal Evaluation 2 hours		
AGRI 2523 Intro to Sheep Prod. & Mgmt 3 hours		
MATH 2023 Elementary Statistics 3 hours		
<b>Total Credit Hours 60 hours</b>		