

**Agricultural Sciences-Plant and Soil Sciences Option**

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

**PROGRAM REQUIREMENTS**

	Credit Hours
<b>GENERAL EDUCATION</b> .....	37
ENGLISH COMPOSITION .....	
ENGL 1113 English Composition I .....	3
ENGL 1213 English Composition II .....	3
<b>HISTORY AND GOVERNMENT</b> .....	
HIST 1483 American History to 1877 (or)	
HIST 1493 Am. History Since 1877 .....	3
POLI 1113 American Government .....	3
<b>HUMANITIES</b> .....	
Electives.....	6
One 3-hour course to be chosen from those listed with International Dimension and 3 hours of humanities electives.	
<b>MATHEMATICS</b> .....	
MATH 1513 College Algebra (or)	
MATH 1493 Math Applications .....	3
<b>SCIENCE</b> .....	
BISI 1114 General Biology (or)	
BISI 1124 Gen Bio for Majors .....	4
CHEM 1314 General Chemistry (or)	
CHEM 1014 Concepts of Chemistry ....	4
<b>COMPUTER SCIENCE</b> .....	
BSAD 1113 Digital/Financial Literacy .....	3
(or other approved computer course)	
<b>ORIENTATION</b> .....	
ORNT 1101 Freshman Orientation .....	1
<b>GENERAL EDUCATION ELECTIVES</b> .....	4
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.	
It is advised that if a student takes a <u>three</u> 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.	
<b>PROGRAM REQUIREMENTS</b> .....	18
**AGRI 1113 Agricultural Economics .....	3
**AGRI 1124 Intro to Animal Science .....	4
**AGRI 1223 Intro to Plant/Soil Science .....	3
**AGRI 2124 Fund of Soil Science.....	4
**BISI 1314 General Botany .....	4
Substitutions may be made with prior approval.	
<b>RECOMMENDED PROGRAM ELECTIVES</b> ...	5
**BISI 1414 General Zoology .....	4
**BISI 2024 Entomology.....	4
SPCH 1713 Intro to Oral Communication....	3
ACCT 2103 Accounting I-Financial .....	3
ACCT 2203 Accounting II-Managerial .....	3
AGRI 1013 Introduction to Horticulture .....	3
**AGRI 2103 Agriculture Leadership .....	3
**AGRI 2123 Livestock Feeding .....	3
**AGRI 2222 Live Animal Evaluation .....	2
AGRI 2523 Intro to Sheep Prod. & Mgmt.....	3
MATH 2023 Elementary Statistics .....	3
<b>TOTAL CREDIT HOURS</b> .....	60

**SUGGESTED COURSE SEQUENCE**

	Credit Hours
<b>FIRST SEMESTER</b> .....	15
ENGL 1113 English Composition I .....	3
ORNT 1101 Freshman Orientation .....	1
MATH 1513 College Algebra .....	3
AGRI 1124 Intro to Animal Sciences .....	4
BISI 1114 General Biology (or)	
BISI 1124 Gen Bio for Majors.....	4
<b>SECOND SEMESTER</b> .....	16
ENGL 1213 English Composition II .....	3
HIST 1483 American History to 1877 (or)	
HIST 1493 American History Since 1877 ....	3
BSAD 1113 Digital/Financial Literacy .....	3
CHEM 1314 or CHEM 1014 .....	4
SPCH 1713 (program elective).....	3
<b>THIRD SEMESTER</b> .....	17
Humanities Elective .....	3
POLI 1113 American Government .....	3
AGRI 1113 Agricultural Economics .....	3
AGRI 1223 Intro to Plant/Soil Science .....	3
BISI 1314 General Botany .....	4
<b>FOURTH SEMESTER</b> .....	12
Humanities Elective .....	3
AGRI 2124 Fundamentals of Soil Science ....	4
*Program/Gen Ed Electives .....	5

This is a suggested sequence timeline only. A student may require more than four semesters to complete this Associate in Science degree.

\*Hours from recommended program electives and general education electives in Science may be combined for final 8 hours required to graduate.

\*\*These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

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. 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. The agricultural sciences program prepares students interested in animal science, animal production, plant production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored.

**Career Opportunities:**  
Animal Production

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by ACT test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page at <http://www.noc.edu/act> for placement guidelines.