

**Agricultural Sciences**

**PROGRAM REQUIREMENTS**

	Credit Hours
<b>GENERAL EDUCATION</b> .....	37
<b>ENGLISH COMPOSITION</b>	
ENGL 1113 English Composition I.....	3
ENGL 1213 English Composition II .....	3
<b>HISTORY AND GOVERNMENT</b>	
HIST 1483 American History to 1865 (or)	
HIST 1493 Am. History Since 1865 .....	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 1493 Math Applications (or)	
MATH 1513 College Algebra .....	3
<b>SCIENCE</b>	
One Biological Science with Lab .....	4
One Physical Science with Lab .....	4
<b>COMPUTER SCIENCE</b>	
CS 1113 Computer Concepts .....	3
<b>ORIENTATION</b>	
LEAD 1101 College 101 .....	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> .....	21
AGRI 1114 Agricultural Economics .....	4
AGRI 1124 Animal Sciences.....	4
AGRI 1224 Intro to Plant & Soil Science .....	4
BISI 2024 Entomology.....	4
AGRI 2123 Livestock Feeding .....	3
AGRI 2222 Live Animal Evaluation .....	2
Substitutions may be made with prior approval.	
<b>RECOMMENDED PROGRAM ELECTIVES 2-3</b>	
ACCT 2103 Accounting I-Financial .....	3
ACCT 2203 Accounting II-Managerial .....	3
AGRI 1013 Introduction to Horticulture.....	3
AGRI 2523 Intro to Sheep Prod. & MGM.....	3
BISI 1314 General Botany .....	4
BISI 1414 General Zoology .....	4
SPCH 1713 Intro to Oral Communication .....	3
MATH 2023 Elementary Statistics .....	3
<b>TOTAL CREDIT HOURS</b> .....	60
<b>PHYS EDUCATION ACTIVITY COURSES</b> ....	2
<b>TOTAL CREDIT HOURS</b> .....	62

**SUGGESTED COURSE SEQUENCE**

	Credit Hours
<b>FIRST SEMESTER</b> .....	16
ENGL 1113 English Composition I .....	3
CS 1113 Computer Concepts .....	3
LEAD 1101 College 101 .....	1
HPEA Activity Electives .....	2
MATH 1513 College Algebra .....	3
AGRI 1124 Animal Sciences .....	4
<b>SECOND SEMESTER</b> .....	16
ENGL 1213 English Composition II .....	3
HIST 1483 American History to 1865 (or)	
HIST 1493 American History Since 1865 .....	3
AGRI 1224 Intro to Plant & Soil Science .....	4
AGRI 2222 Live Animal Evaluation .....	2
BISI 1114 General Biology .....	4
<b>THIRD SEMESTER</b> .....	14
POLI 1113 American Government .....	3
Humanities Elective .....	3
AGRI 1114 Agricultural Economics .....	4
BISI 2024 Entomology .....	4
<b>FOURTH SEMESTER</b> .....	16
General Education Elective .....	3-4
Humanities Elective .....	3
CHEM 1314 General Chemistry I .....	4
AGRI 2123 Livestock Feeding .....	3
Recommended Program Elective .....	2-3

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

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 COMPASS test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, some or all of the following six (6) courses may need to be taken:

- MATH 0003 Pre-Algebra
- MATH 0023 Concepts of Algebra
- MATH 0123 Intermediate Algebra
- ENGL 0123 Basic Composition
- READ 0123 Basic Reading
- BSCI 0123 Intro to Basic Science

This Associate in Science degree program in Agricultural Sciences consists of 62 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 Business or Agriculture Ecology at Northwestern Oklahoma State University 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's and Bachelor's degree programs.

The agricultural sciences program prepares students interested in pre-veterinary medicine, animal production, plant production, agribusiness, food science, and education in any of these areas for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored. People interested in careers in agriculture need to have experience in science, business, and communications.

**Career Opportunities**

- Ag Economics
- Agribusiness
- Animal Production
- Pre-Veterinary Medicine