

**Associate in Science Degree  
Northern Oklahoma College  
Division of Agricultural Sciences**

**Agricultural Sciences**

The Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general education and program requirements for transfer seamlessly to the Bachelor of Science degree in Agribusiness at Northwestern Oklahoma State University.

**PROGRAM REQUIREMENTS**

Credit Hours

<b>GENERAL EDUCATION</b> -----	<b>37</b>	
<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 American History since 1865 -----	3 _____	
POLI 1113 American National 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 elective.		
<b>MATHEMATICS</b>		
MATH 1513 College Algebra (or)		
MATH 1493 Math Applications -----	3 _____	
<b>SCIENCE</b>		
BISI 1114 General Biology (or)		
BISI 1124 General Biology for Majors -----	4 _____	
CHEM 1314 General Chemistry (or)		
CHEM 1014 Concepts of Chemistry -----	4 _____	
<b>COMPUTER SCIENCE</b>		
BSAD 1113 Digital/Financial Literacy		
(or other approved course) -----	3 _____	
<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, Behavior or Social Sciences. It is advised that if a student takes a three hour course to apply to this requirement, the fourth credit hour may be counted from the average hours taken from the Recommended Program Electives below.		
<b>PROGRAM REQUIREMENTS</b> -----	<b>16</b>	
AGRI 1113 Agricultural Economics -----	3 _____	
AGRI 1124 Intro to Animal Sciences -----	4 _____	
AGRI 1223 Intro to Plant/Soils Science -----	3 _____	
AGRI 2124 Fundamentals of Soil Science -----	4 _____	
AGRI 2222 Live Animal Evaluation -----	2 _____	
Substitutions may be made with prior approval.		
<b>RECOMMENDED PROGRAM ELECTIVES</b> -----	<b>7</b>	
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 2523 Intro to Sheep Prod & Mgmt. -----	3 _____	
BISI 1314 General Botany -----	4 _____	
BISI 1414 General Zoology -----	4 _____	
BISI 2024 Entomology -----	4 _____	
MATH 2023 Elementary Statistics -----	3 _____	
SPCH 1713 Intro to Oral Communication -----	3 _____	
<b>TOTAL CREDIT HOURS</b> -----	<b>60</b>	

**Bachelor of Science Degree  
Northwestern Oklahoma State University  
School of Education**

**Agriculture Education**

Transfer students who have completed an Associate in Science degree in Agricultural Sciences from Northern Oklahoma College will have met the NWOSU General Education Requirements.

**PROGRAM REQUIREMENTS**

Credit Hours

<b>MAJOR REQUIREMENTS</b> -----	<b>70</b>
<b>Agriculture Core:-----33 hours</b>	
*AGRI 1113 Agricultural Economics -----	3 _____
*AGRI 1124 Introduction to Animal Science -----	4 _____
*AGRI 1214 Introduction to Plant Science -----	4 _____
AGRI 2113 General Horticulture -----	3 _____
AGRI 3112 Live Animal Evaluation-----	2 _____
AGRI 3214 Soil Science -----	4 _____
MCAG 3011 Agriculture Structures-----	1 _____
MCAG 3211 Engines & Power-----	1 _____
MCAG 3222 Metals & Welding-----	2 _____
MCAG 3232 Lab Mgmt & Project Construction-----	2 _____
MCAG 4101 Agricultural Electrification-----	1 _____
AGED 3203 Planning the Comm Pro in Ag Ed-----	3 _____
<b>Agriculture Electives:----- 3 hours</b>	
<b>Professional Education:----- 34 hours</b>	
EDUC 2010 Educ Seminar (30hrs field experience req.) ---	0 _____
EDUC 2013 Child/Adolescent Psychology -----	3 _____
EDUC 2103 Foundations of Education -----	3 _____
EDUC 3113 Students w/Exceptionalities -----	3 _____
EDUC 3322 Educational Psychology-----	2 _____
EDUC 3422 Teaching Reading Content Area-----	2 _____
EDUC 4122 Classroom Managemt/Behavior Interven I ----	2 _____
EDUC 4221 Educational Technology -----	1 _____
EDUC 4231 Assessment Design -----	1 _____
EDUC 4320 Classroom Organization -----	0 _____
AGED 4113 Lab Instruction in Agriculture Education -----	3 _____
EDUC 4131 Classroom Mangmt/Behavior Interven II -----	1 _____
EDUC 4332 Assessment & Evaluation Applic -----	2 _____
EDUC 4821 Multicultural Education-----	1 _____
EDUC 4960 Student Teaching -----	10 _____

NOTE 1: Students may need additional Liberal Arts hours and/or upper division hours.

NOTE 2: Admission to Teacher Education required.

NOTE 3: Foreign Language Proficiency – all candidates must demonstrate foreign language proficiency in order to complete a degree in Education.

\*Students who complete these courses as part of the Associate in Science in Agricultural Sciences degree requirements at NOC are not required to take them again at NWOSU