

# A.S. Agricultural Education & Leadership Pathway

This two-year (62 or 64 credit) program consists of two options and is designed to provide students with a range of classes relating to Agriculture Education and Leadership Development. Students in the program complete the same freshman year of coursework. In their sophomore year, students choose between two options depending on their educational goals and career plans. The courses in each option are designed to be a transfer degree into Montana State University as it aligns with their 4-year [Agricultural Technology Education web page](#) options.

For students planning to transfer and pursue Agricultural Education at a four-year college or university other than MSU, please visit with the program advisor to assist with planning course work that aligns to the intended transfer institution as the [A.S. Agriculture & Natural Resources Pathway section](#) may be a better fit.

Upon completion of this program, graduates will demonstrate:

- Prepare students for a transfer Agriculture Education and Leadership degree
- Provide coursework on a wide range of agriculture subjects for their continuation in Ag Education
- Prepares students to educate others
- Learn the importance of teaching students of all ages

Program course requirements are presented in sequence. Part-time students and others who cannot follow this sequence should check [Course Descriptions](#) to determine pre-requisites and should consult their advisor regarding the order in which to take courses. Students should consult the catalog of the institution to which they expect to transfer and should select appropriate core requirement and elective courses in consultation with their advisor: [General Education Core Requirements Courses](#).

NOTE: 3 credits of either Humanities & Fine Arts or History & Social Sciences must meet the Cultural Diversity requirement.

<b>First Year Fall Semester</b>	
WRIT 101 College Writing I	3 credits
AGSC 101 Intro to Ag & Env Resources	1 credit
NRSM 101 Natural Resource Conservation	3 credits
NRSM 102 Montana Range Plants	1 credit
ANSC 100 Introduction to Animal Science	3 credits
BIOB 160/161 Principles of Living Systems & Lab	3 and 1 credits
<b>Total</b>	<b>15 credits</b>
<b>First Year Spring Semester</b>	
M 121 College Algebra	4 credits
WRIT 121 Intro to Technical Writing	3 credits
CHMY 121/122 Intro to General Chemistry & Lab	3 and 1 credits
AGED 140 Leadership Development for Agriculture	3 credits
CAPP 131 Basic MS Office	3 credits
<b>Total</b>	<b>17 credits</b>

## Agricultural Education Teaching Option

<b>Second Year Fall Semester</b>	
Humanities & Fine Arts Core Requirement	3 credits
ENSC 245 Soils	3 credits
PHOT 154 Exploring Digital Photography, or PHOT 113 The Magic of the Darkroom I	3 credits
ECNS 201 Principles of Microeconomics	3 credits
ANSC 265/266 Anatomy and Physiology of Domestic Animals & Lab	3 and 1 credits
WLDG 235 Oxy-Acetylene Welding	2 credits
<b>Total</b>	<b>18 credits</b>
<b>Second Year Spring Semester</b>	
BIOB 110 Introduction to Plant Biology	3 credits
ECNS 202 Principles of Macroeconomics	3 credits
STAT 216 Introduction to Statistics	3 credits
WLDG 240 Electric Arc Welding	2 credits
GPHY 284 Introduction to GIS Science and Cartography	3 credits
<b>Total</b>	<b>14 credits</b>
<b>Program Total</b>	<b>64 credits</b>

## Agricultural Leadership-Extension Option

<b>Second Year Fall Semester</b>	
Humanities & Fine Arts Core Requirement	3 credits
NRSM 240 Natural Resource Ecology	3 credits
PHOT 154 Exploring Digital Photography, or PHOT 113 The Magic of the Darkroom I	3 credits
ECNS 201 Principles of Microeconomics	3 credits
ENSC 245 Soils	3 credits
<b>Total</b>	<b>15 credits</b>
<b>Second Year Spring Semester</b>	
BIOB 110 Introduction to Plant Biology	3 credits
ECNS 202 Principles of Macroeconomics	3 credits
STAT 216 Introduction to Statistics	3 credits
GDSN 145 Introduction to Web Design	3 credits
ANSC 202 Livestock Feeding & Nutrition, or ANSC 222 Livestock in Sustainable Systems	3 credits
<b>Total</b>	<b>15 credits</b>
<b>Program Total</b>	<b>62 credits</b>

Directed Humanities & Fine Arts Courses: PHL 101 Introduction to Philosophy: Reason and Reality, RLST 100 Introduction to the Study of Religion, LIT 110 Intro to Lit, LIT 211 American Literature II