



**DEGREE PLAN**  
**ASSOCIATE OF SCIENCE IN AGRICULTURAL & NATURAL RESOURCES**  
**AGRICULTURAL TRACK**  
**Science Emphasis**  
**Degree Code: 3545; CIP Code: 03.0103**

This program of study emphasizes the application of both business and scientific principles to the problems/issues confronting natural resource agencies and agribusinesses. Students will have an opportunity to pursue a rigorous program of study in both natural sciences and business administration leading to a career with a wide range of employment opportunities. The program will ready students to serve entities such as the USDA, National Park Service, and the U.S. Fish and Wildlife Service while also laying the academic foundation for a transfer to several 4-year programs.

***ATTENTION STUDENTS: PLEASE SEE CURRENT CATALOG FOR  
ALL FEES AND CHARGES ASSOCIATED WITH THIS DEGREE.***

**Student Learning Outcomes for A & NR Program**

1. Students will demonstrate the ability to fit into a business, agency, or academic setting and use concepts of nature to quantify and analyze issues and problems.
2. Student will exhibit critical thinking skills when addressing issues in agriculture, natural resources, and related fields.

In addition to these program-specific outcomes, the following general outcomes should apply:

3. Students completing a degree or technical certificate at ASUMH will have demonstrated comprehension of English/communications, mathematics, social sciences, and the sciences appropriate to the discipline or field.
4. Students completing a degree or technical certificate at ASUMH will have demonstrated written and verbal communication.
5. Students completing a degree or technical certificate at ASUMH will have demonstrated evaluation of diverse perspectives and cultures as they relate to the individual, the community, and the global society.
6. Students completing a degree or technical certificate at ASUMH will have demonstrated application of technology appropriate to discipline or field.

Name: \_\_\_\_\_ Date: \_\_\_\_\_  
 Advisor: \_\_\_\_\_ Student ID# \_\_\_\_\_

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>General Education Requirements (35 credit hours)</b>			
<b>Composition (6 credit hours)</b>			
ENG 1003	Composition I (must earn a "C" or better)	3	_____
ENG 1013	Composition II (must earn a "C" or better)	3	_____
<b>Mathematics (3 credit hours)</b>			
MATH 1023	College Algebra	3	_____
<b>Science (8 credit hours)</b>			
BIOL 1004	Biological Science & Lab	4	_____
<small>This course also fulfilled by successfully completing these two course numbers: BIOL 1003 and BIOL 1001.</small>			
CHEM 1014	General Chemistry I & Lab, <b>OR</b>		
<small>This course also fulfilled by successfully completing these two course numbers: CHEM 1013 and CHEM 1011.</small>			
CHEM 1044	Fundamental Concepts of Chemistry and Lab	4	_____
<small>This course also fulfilled by successfully completing these two course numbers: CHEM 1043 and CHEM 1041.</small>			
<b>Fine Arts (3 credit hours) (Select 1 course)</b>			
ART 2503	Fine Arts – Visual, <b>OR</b>	3	
MUS 2503	Fine Arts – Music, <b>OR</b>	3	
THEA 2503	Fine Arts – Theatre	3	_____
<b>Humanities (3 credit hours) (Select 1 course)</b>			
ENG 2003	World Literature to 1660, <b>OR</b>		
ENG 2013	World Literature since	3	_____
<b>Social Sciences (6 credit hours)</b>			
ECON 2313	Principles of Macroeconomics	3	_____
GEOL 1103	Introduction to Geography, <b>OR</b>		
HIST 1013	World Civilization to 1660, <b>OR</b>		
HIST 1023	World Civilization since 1660, <b>OR</b>		
PSY 2513	Introduction to Psychology, <b>OR</b>		
SOC 2213	Principles of Sociology	3	_____

<u>COURSE CODE</u>	<u>COURSE NAME</u>	<u>CREDIT HOURS</u>	<u>HOURS COMPLETED</u>
<b>U.S. History/Government</b> (3 credit hours) (select 1 course)			
HIST 2763	The United States to 1876, <b>OR</b>		
HIST 2773	The United States since 1876, <b>OR</b>		
POSC 2103	United States Government	3	_____
<b>Communication</b> (3 credit hours)			
COMM 1203	Oral Communication	3	_____
<b>Institutional Requirements</b> (4 credit hours)			
CIS 1053	Computer Essentials	3	_____
ORT 1011	First Year Experience	1	_____
<b>Agricultural Core</b> (13 credit hours)			
AGRI 1003	Introduction to Agricultural Economics	3	_____
AGRI 1204	Introduction to Animal Science	4	_____
<small>This course also fulfilled by successfully completing these two course numbers: AGRI 1203 <u>and</u> AGRI 1201.</small>			
AGRI 1303	Introduction to Plant Science	3	_____
AGRI 2813	Soils	3	_____
<b>Agricultural Science Emphasis</b> (9 credit hours)			
AGRI 2213	Feeds and Feeding	3	_____
AGRI 2623	Equine Health and Management, <b>OR</b>		
BIOL 2104	Microbiology and Lab	3 – 4	_____
<small>This course also fulfilled by successfully completing these two course numbers: BIOL 2103 <u>and</u> BIOL 2101.</small>			
AGRI 2803	Field Crops	3	_____
<small>This course also fulfilled by successfully completing these two course numbers: AGRI 2802 <u>and</u> AGRI 2801.</small>			

**Program Total 61 – 62 Hours**