

# AGRICULTURE BUSINESS

## BACHELOR OF SCIENCE IN AGRICULTURE BUSINESS - ANIMAL SCIENCE

The Animal Science option is able to draw on the real-world experiences of our faculty members. In addition to utilizing our talented faculty and staff, you will make full use of the many classrooms and teaching laboratories found in Dean Hall, the farm classroom and our extensive Outdoor Learning Laboratory located on three sides of the ATU campus. Hands-on experience working with our fully operational beef and swine herds helps to prepare you for exciting careers in animal production management, pharmaceutical sales and development, as well as giving students a solid base to continue their education at the graduate level in animal science.

### Curriculum

The matrix below is a sample plan for all coursework required for this program.

#### Freshman

Fall	Credits
ENGL 1013 Composition I <sup>1</sup>	3
BIOL 1014 Introduction to Biological Science	4
COMS 1003 Introduction to Computer Based Systems	3
AGAS 1014 Principles of Animal Science	4
AGBU 1001 Agriculture Orientation	1
<b>Total Hours</b>	<b>15</b>

Spring	Credits
ENGL 1023 Composition II <sup>1</sup>	3
MATH 1003 College Mathematics or higher <sup>1</sup>	3
AGAS 2014 Principles of Meat Science	4
AGBU 1013 Principles of Agricultural Business	3
AGPS 1024 Principles of Plant Science	4
<b>Total Hours</b>	<b>17</b>

#### Sophomore

Fall	Credits
ENGL 2053 Technical Writing	3
ACCT 2033 Fundamental Accounting Concepts	3
BLAW 2033 Legal Environment of Business or AGBU 3033 Legal Environment of Agriculture Business	3
CHEM 1113 A Survey of Chemistry and CHEM 1111 Survey of Chemistry Laboratory	4
AGBU 2063 Principles of Agricultural Macroeconomics	3
<b>Total Hours</b>	<b>16</b>

Spring	Credits
USHG 1XXX U.S. History and Government <sup>1</sup>	3
STAT 2163 Introduction to Statistical Methods	3
AGAS 2084 Feeds and Feeding	4
AGBU 2073 Principles of Agricultural Microeconomics	3
AGSS 2014 Soils	4
<b>Total Hours</b>	<b>17</b>

**Junior**

Fall	Credits
FAH 1XXX Fine Arts and Humanities Courses <sup>1</sup>	3
AGAS 3004 Reproduction in Farm Animals	4
AGBU 3213 Career Development in Agriculture	3
Agriculture Elective	2
Elective	2
<b>Total Hours</b>	<b>14</b>

Spring	Credits
FAH 1XXX Fine Arts and Humanities Courses <sup>1</sup>	3
COMM 2173 Business and Professional Speaking	3
AGAS 3104 Swine Management	4
AGAS 3303 Poultry Management, AGAS 3343 Regulatory Affairs of the Food Industry, or AGAS 4403 Poultry and Livestock Disease	3
<b>Total Hours</b>	<b>13</b>

**Senior**

Fall	Credits
AGAS 4203 Livestock and Poultry Nutrition	3
AGBU 4003 Agri-Business Management	3
AGBU 4013 Agricultural Marketing	3
AGPS 3023 Forage Crops and Pasture Management	3
<b>Total Hours</b>	<b>12</b>

Spring	Credits
AGAS 3014 Beef Cattle Management	4
AGAS 3933 Animal Breeding and Genetics	3

<b>Spring</b>	<b>Credits</b>
AGBU 4023 Agricultural Finance	3
AGBU 4033 Agricultural Policy	3
AGBU 4973 Senior Seminar in Agriculture Business	3
<b>Total Hours</b>	<b>16</b>

<sup>1</sup>See appropriate alternatives or substitutions in "General Education Requirements".

<sup>2</sup>At least 40 of the total hours required for graduation must be 3000 - 4000 level courses.