

**Agriculture, Animal & Pre-Veterinary Science:**  
**Animal Science Option, B.S.A.G**  
*(Leading to the Bachelor of Science in Agriculture Degree)*

Name: \_\_\_\_\_

T#: \_\_\_\_\_

<b>Freshman Year</b>	<b>Cr</b>	<b>✓</b>
COLS 1010 - Study, Organize, Succeed	3	
ENGL 1010 - Composition I	3	
COMM 2025 - Fundamentals of Communication	3	
BIOL 1110 - General Biology I	4	
AGRI 1020 - Introduction to Animal Science	4	
ENGL 1020 - English Composition II	3	
INFS 1010 - Computer Applications	3	
Social/Behavioral Science Elective	3	
MATH 1130 - College Algebra Recommended or MATH 1530, 1830, or 1910	3	
AGRI 1030 - Introduction to Plant Science	4	
<b>Total</b>	<b>33</b>	

<b>Junior Year</b>	<b>Cr</b>	<b>✓</b>
AGR 2022 - Professionalism in Ag and Human Ecology	1	
AGBE 2100 - Economics of Agriculture	3	
ANS 2020 - Livestock Management Prerequisite: ANS 1200 and ANS 1210.	3	
ANS 2110 - Livestock Evaluation Prerequisite: ANS 1200 and ANS 1210.	3	
ANS 3010 - Animal Nutrition Prerequisite: ANS 1200, ANS 1210, and CHEM 1020 or CHEM 1120.	3	
MATH 1530 - Probability and Statistics	3	
ANS 3310 - Meat, Dairy and Poultry Products	3	
AGET 2110 - Agricultural Engineering Technology and Corequisite: AGET 2115 – Ag. Engineering Tech. Lab. <b>or</b> AGET 3110 - Natural Resource Systems and Corequisite: AGET 3115 – Nat. Resource Systems Lab	2	
ANS 3020 - Feeds and Feeding	1	
ANS 3020 - Feeds and Feeding	3	
ANS 3130 - Animal Breeding	3	
ANS 3150 - Common Diseases and Parasites of Domestic Animals	3	
<b>Total</b>	<b>31</b>	

<b>Sophomore Year</b>	<b>Cr</b>	<b>✓</b>
Literature Elective	3	
HIST 2010 - Early United States History	3	
Humanities Elective	3	
AGRI 1050 - Introduction to Soil Science	4	
CHEM 1110 – Gen. Chemistry I (Recommended) or CHEM 1010 Introduction to Chemistry	4	
HIST 2020 - Modern United States History	3	
Social/Behavioral Science Elective	3	
Humanities Elective	3	
CHEM 1120 – Gen. Chemistry II (Recommended) or CHEM 1020 Introduction to Chemistry II	4	
<b>Total</b>	<b>30</b>	

<b>Senior Year</b>	<b>Cr</b>	<b>✓</b>
4000-Level ANS Production Course	3	
CHEM 3005 - Elementary Organic Chemistry Prerequisite: CHEM 1020 or CHEM 1120.	4	
AGR 4500 - Senior Seminar Prerequisite: Senior standing.	1	
Ag Upper Division Elective Credit: 3.	3	
ANS 3140 - Reproduction in Farm Animals	3	
BIOL 3230 - Health Science Microbiology Prerequisite: Sophomore standing.	4	
AGRN 4130 (5110) - Forage Crops Production and Management Prerequisite: AGRN 1100, AGRN 1110 and AGRN 3000.	3	
4000-Level ANS Production Course Credit: 3.	3	
AGR 3000 - (WSL2) Leadership and Service <b>or</b> AGR 3200 - Study Abroad Exploration Prerequisite: Sophomore standing and/or 30 credit hours toward degree program.	3	
<b>Total</b>	<b>27</b>	

**Agriculture, Animal & Pre-Veterinary Science Concentration, Animal Science Option, B.S.AG.**

**(Leading to the Bachelor of Science in Agriculture Degree)** Animal Science deals with all phases of the livestock and dairy industry. Areas emphasized are nutrition, physiology, genetics, management technology, quality control and environmental regulations. Graduates enter careers in farm management, Extension Service, food quality control, governmental health agencies, farm credit institutions, and agricultural sales and management.

Students interested in attending veterinary school are encouraged to declare a veterinary school Career Track in order to receive additional advising and support, including but limited to guidance on meeting the pre-requisites of their desired professional program. The Animal & Pre-Veterinary Science major with a concentration in pre-veterinary science is the suggested major for students in the pre-veterinary Career Track.