



First Year					
First Trimester			Second Trimester		
29-102	Fund. of Oral Communication	3	03-296	Seminar	1
77-101	University Seminar	1	10-112	Composition II	3
10-111	Composition I	3	24-114/115	*General Chemistry I & Lab	4
03-150	Animal Science	4	03-252	Livestock Evaluation	3
	Western Experience	3		Digital Literacy	3
<b>Total Hours</b>		<b>14</b>	<b>Total Hours</b>		<b>14</b>
Second Year					
First Trimester			Second Trimester		
03-352	Meat Science	3	10-220	Intro to Literature	3
04-106/107	Principles of Biology	4		Collateral Field	3
	Social & Behavioral Science (03-102 recommended)	3	03-358	Livestock Health & Disease	3
34-102	American Government & Politics	3	03-366	Principles of Animal Breeding	3
	Fine Arts	3		Mathematical Science (17-114 recommended)	3
<b>Total Hours</b>		<b>16</b>	<b>Total Hours</b>		<b>15</b>
Third Year					
First Trimester			Second Trimester		
	Humanities	3		Social & Behavioral Science	3
03-360	Principles of Animal Nutrition	3		American Experiences	3
03-362	Anat & Phys of Domestic Animals	3	03-454	Swine Science	3
03-309	Applied Futures Marketing	3		Collateral Field	6
	Collateral Field	3			
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>
Fourth Year					
First Trimester			Second Trimester		
03-566	Genetics of Livestock Improvement	3		Ag elective from list	3
03-452	Beef Science	3		Electives	9
	Elective	3		Humanities	3
	Collateral Field	7			
<b>Total Hours</b>		<b>16</b>	<b>Total Hours</b>		<b>15</b>

\* If one has not taken a substantial high school chemistry course, Chemistry 112/113 should be taken first.

*Degree requires a grade point average of 2.25 in major courses.*



#### **General Requirements:**

- Earn 120 credit hours
- Earn 40 credit hours of 300 level or above
- 2.0 Cumulative GPA
- Complete Institutional Requirements
- Complete General Education Requirements

This sample plan is a supplement to your Degree Audit. Consult your advisor on a regular basis for individual academic planning.

## **THE NORTHWEST DIFFERENCE**

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**Animal Science** is the study of the production with livestock. Coursework focuses on three core areas: science, research and experiential learning. **Science** refers to students learning the anatomy, physiology, hormones and appropriate nutrition for livestock; **research** teaches students how to conduct research; and **experiential learning** provides student with opportunities for experience at the R.T. Wright Farm including annual procedures such as pregnancy tests on cows, castration and vaccination.

If students are interested in becoming a veterinarian, the **Animal Science (Pre-Vet)** program is an option. This is a rigorous program that emphasizes in anatomy, physiology, chemistry, organic chemistry, physics and histology.

## **CAREER OPPORTUNITIES**

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**95%**  
placement rate

Animal science has a variety of career options. The American Association of Animal Science stated that more than 500 job classification are associated with animal science degrees.

**More than 95%** of students who graduated with a degree in animal science obtained employment or continued their education within six months after graduation.

The following is a listing of common positions for graduates with an animal science major:

- Animal Health Researcher
- Artificial Insemination Technician
- Consumer Information Specialist
- Farm Manager
- Feedlot Manager
- Husbandry Specialist
- Lab Technician
- Marketing/Sales

For a list of job placements by year, [view the placement reports »](#)

\*Based on self-reported data in recent years.

## **LEARNING RESOURCES**

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Northwest Missouri State University  
School of Agricultural Science  
Animal Science (Collateral Field)  
Bachelor of Science

**R.T. Wright University Laboratory Farm** is a 448-acre facility that provides profession-based learning experience with livestock and crops.