

## **Bachelor of Science in Agriculture Animal/Equine Science Specialty Option**

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Murray State University offers a unique opportunity for those who are interested in the field of agriculture. This university offers a diversified program in the area of Animal/Equine Science, with the option to focus intensely on a student's particular avenue of interest.

### **Career Outlook**

This option prepares students for entry into chiropractic programs that will eventually lead to a Doctor of Chiropractic Degree with certification as an animal/equine chiropractor. Specifically the program is designed to meet the prerequisite course work requirements for Parker University's Chiropractic Degree Program located in Dallas, Texas. However it may be tailored to the student's chiropractic school of choice.

To be eligible for certification as an animal/equine chiropractor, a student must be a graduate or have senior standing from an accredited veterinary college or an accredited chiropractic college. Upon completion of Parker University's doctoral and postgraduate programs a graduate would be able to work with both human and animal patients.

### **Organizations**

- **Block & Bridle**
- **Horseman's Association**
- **Swine Club**
- **Rodeo Club**
- **Intercollegiate Equestrian Team**
- **Dressage Club**
- **Intercollegiate Rodeo Team**
- **Pre-Veterinary Medicine/Veterinary Technology Club**

**Visit Our Website**  
[www.murraystate.edu/agr](http://www.murraystate.edu/agr)

### **Academic Highlights**

The Animal/Equine Science Specialty Option at Murray State University meets the prerequisite requirements for entry into chiropractic school. Students will receive hands-on experience working with animals. Course work with highlight animal behavior, diseases, physiology, nutrition and genetics. Additionally, agribusiness based courses prepare students to manage a chiropractic clinic.

### **Facilities**

Hutson School of Agriculture facilities include classrooms, laboratories and offices housed in the south wing of the Oakley Applied Science Building, the A. Carman Animal Health Technology Center, the E.B. Howton Agricultural Engineering Building, the Equine Instructional Facility, greenhouses and four farm complexes located near campus.

The horse and beef facilities are a part of the farm-laboratory complex. The Wm. "Bill" Cherry Agricultural Exposition Center is utilized for classes, contests, field days, judging contests, clinics and numerous agriculture activities.

### **For More Information Contact**

**Recruitment Coordinator**  
**Murray State University**  
**Hutson School of Agriculture**  
**(270) 809-3329**  
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**MURRAY STATE UNIVERSITY  
HUTSON SCHOOL OF AGRICULTURE  
ANIMAL/EQUINE SCIENCE SPECIALTY OPTION CURRICULUM  
2018-2019**

**GENERAL EDUCATION/UNIVERSITY STUDIES COURSES**

Dept.	No.	Description	Hrs.	Gr.
<b>ORAL AND WRITTEN COMMUNICATION</b>			<b>7 HRS</b>	
ENG	105	Critical Reading, Writing & Inquiry	4	
COM	161	Intro. to Public Speaking	3	
<b>SCL. INQUIRY, METHODS, QUANT. SKILLS</b>			<b>13 HRS</b>	
BIO	101	Biological Concepts	4	
CHE	201	General College Chemistry	5	
MAT	140	College Algebra	4	
<b>WORLD HISTORICAL LIT. AND PHILOSOPHY</b>			<b>6 HRS</b>	
CIV	201	World Civilizations I	3	
HUM	211	Western Humanities Tradition	3	
<b>GLOBAL AWARENESS AND CULT. DIVERSITY</b>			<b>3 HRS</b>	
		UNIV STUDIES ELECTIVE	3	
<b>SOCIAL AND SELF AWARENESS</b>			<b>6 HRS</b>	
PSY	180	General Psychology	3	
PHI	202	Ethics <b>OR</b>		
POL	140	American National Gov	3	
<b>UNIVERSITY STUDIES APPROVED ELECTIVES</b>			<b>8 HRS</b>	
CHE	202	General Chem & Qual	5	
CIV	202	World Civilizations II <b>OR</b>		
AGR	199	Contemporary Issues in Ag	3	
<b>AGRICULTURE CORE COURSES</b>			<b>24 HRS</b>	
AGR	100T	Transitions (Freshmen Orientation)	1	
AGR	100	Animal Science	3	
AGR	300	Animal Nutrition	3	
AGR	310	App in Animal Technology	3	
AGR	339	Computer App for Ag	3	
AGR	399	Professional Development Seminar I	1	
AGR	504	Diseases of Livestock	3	
AGR	599	Ag Senior Capstone	1	
AGR	170	Intro. to Ag Sys Tech <b>OR</b>	3	
AGR	377	Ag Safety <b>OR</b>		
AGR	375	Animal Emergency Preparedness		
AGR	403	Equine Reproduction <b>OR</b>	3	
AGR	506	Repro Physiology <b>OR</b>		
AGR	423	AI Techniques for Cattle		

**AGRICULTURE CURRICULUM COURSES**

Dept.	No.	Description	Hrs.	Gr.
<b>EMPHASIS COURSES</b>			<b>15 HRS</b>	
AGR	130	Agriculture Economics	3	
AGR	324	Vet Diagnostic Imaging	3	
AGR	330	Principles of Ag Bus <b>OR</b>	3	
AGR	333	Ag Bus Records & Analysis <b>OR</b>		
AGR	531	Agricultural Finance		
AGR	302	Horse Science <b>OR</b>	3	
AGR	311	Beef Science <b>OR</b>		
AGR	325	Small Animal Science		
AGR	502	Advanced Nutrition <b>OR</b>	3	
AGR	503	Animal Genetics & Breeding <b>OR</b>		
AGR	510	Animal Anatomy & Physiology		
<b>REQUIRED SUPPORT COURSES</b>			<b>26 HRS</b>	
BIO	227	Human Anatomy Lecture	2	
BIO	228	Human Anatomy Lab	2	
BIO	229	Human Physiology	3	
BIO	330	Human Physiology Lab	1	
PHY	130	General Physics I <b>AND</b>	4	
PHY	131	General Physics I Lab		
PHY	132	General Physics II <b>AND</b>	4	
PHY	133	General Physics II Lab		
EXS	370	Kinesiology	3	
BIO	221	Zoology	4	
CHE	330	Basic Biochemistry	3	
<b>UNRESTRICTED ELECTIVES</b>			<b>12 HRS</b>	
<b>SUGGESTED COURSES TO BE USED FOR UNRESTRICTED ELECTIVE</b>				
CHE	312	Organic Chemistry I	5	
CHE	320	Organic Chemistry II	3	
BIO	300	Intro to Microbiology	4	

**Parker University**

A Bachelor's degree is preferred for admission to the Doctor of Chiropractic Program at Parker University. However, it is required that you complete at least 90 college credit hours with a cumulative GPA of at least 3.0. Also, you must have completed at least 24 hours in the science areas as specified by Parker University.