



MURRAY STATE
UNIVERSITY

Hutson School of Agriculture

Bachelor of Science in Agriculture Animal/Equine Science – Pre-Chiropractic Emphasis

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 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**
- **Intercollegiate Equestrian Team**
- **Dressage Club**
- **Intercollegiate Rodeo Team**
- **Livestock Judging Team**
- **Veterinary Technology/Pre-Vet Club**
- **Animal Welfare Club**
- **Christian Veterinary Fellowship**

Academic Highlights

The Animal/Equine Science Pre-Chiropractic Emphasis at Murray State University meets the prerequisite requirements for entry into chiropractic school. Students will receive hands-on experience working with animals. Course work will 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 Oakley Applied Science Building, the A. Carman Animal Technology Center, the E.B. Howton Agricultural Engineering Building, the Wm. "Bill" Cherry Agricultural Exposition Center, greenhouses, and five farm complexes.

The MSU Rudolph Equine Education Center, located on the West Farm Complex, includes the opportunity for students to board their horses on-campus. Interested students should complete the online stall application process to be eligible. Facilities include the Equine Instructional Facility, equine stall barns, indoor riding area, outdoor riding arena, turn-out lots, wash racks, round pens, etc.

For More Information Contact

Recruitment Coordinator
Murray State University
Hutson School of Agriculture
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Visit Our Website
www.murraystate.edu/agr



Murray State University Hutson School of Agriculture
Equine - Pre-Chiropractic Curriculum 2024-2025

University Studies - Foundations				
Cat.	Dept.	No.	Description	Hrs.
Oral Communications				3
	COM	161	Intro. to Public Speaking	
Written Communications				4
	ENG	105	Critical Reading, Writing & Inquiry	
Scientific Inquiry and Methodologies (must include lab)				5
	CHE	201	General College Chemistry	
Quantitative Reasoning				5-7
	MAT	140	College Algebra &	
	MAT	145	Trigonometry OR	
	MAT	150	Algebra & Trigonometry	
University Studies - The Human Experience				
Literary & Philosophical Perspectives				3
Historical Perspectives				3
Creative Perspectives				3
Social & Behavioral Perspectives				3
	AGR	199	Contemp. Issues in Food, Fiber & NR	
Culture, Diverse Perspectives & Responsible Citizenship				3
BS Science/Mathematics Requirement				4
	BIO	100	Biological Concepts AND	
	BIO	101	Intro to Biology Lab	

Required Support Courses

	BIO	227	Human Anatomy	2
	BIO	228	Human Anatomy Lab	2
	BIO	229	Human Physiology	3
	BIO	230	Human Physiology Lab	1
	CHE	202	General Chemistry & Qualitative Analysis	5
	PHY	130	General Physics I	3
	PHY	131	General Physics I Lab	1

Suggested Elective Courses

BIO 300, CHE 310, CHE 311, CHE 330, PHY 132, & PHY 133				
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Agriculture Core Courses				
Cat.	Dept.	No.	Description	Hrs.
	AGR	100T	Transitions	1
	AGR	100	Animal Science	3
	AGR	300	Principles of Animal Nutrition	3
	AGR	323	Livestock Form and Function	3
	AGR	339	Computer Apps for Ag	3
	AGR	375	Animal Emergency Preparedness	3
	AGR	399	Professional Development Seminar I	1
	AGR	504	Diseases of Livestock	3
	AGR	599	Ag Senior Capstone	1
Complete at least 1 of the following:				3
	AGR	403	Equine Reproduction	
	AGR	422	Livestock Reproduction	
	AGR	506	Reproductive Physiology	
Equine - Pre-Chiropractic Track Courses				
	AGR	310	Applications in Animal Technology	3
	AGR	324	Veterinary Diagnostic Imaging	3
	AGR	330	Principles of Agribusiness	3
Complete at least 1 of the following:				3
	AGR	302	Horse Science	
	AGR	311	Beef Science	
	AGR	325	Small Animal Science	
Complete at least 1 of the following:				3
	AGR	333	Agribusiness Records & Analysis	
	AGR	433	Farm Management	
	MGT	350	Fundamentals of Management	
Complete at least 1 of the following:				3
	AGR	436	Undergraduate Research in Agriculture	
	AGR	489	Cooperative Education/Internship	
	AGR	496	Selected Studies in Agriculture	
	AGR	533	Seminar in International Ag Systems	
Complete at least 1 of the following:				3
	AGR	421	Advanced Nutrition	
	AGR	424	Animal Genetics & Breeding	
	AGR	510	Animal Anatomy & Physiology	
Complete at least 1 of the following:				3
	EXS	370	Kinesiology	
	AGR	315	Equine Exercise Physiology	
Unrestricted Electives				17-19

Minimum Credential Hours: 120