MURRAY STATE UNIVERSITY

Hutson School of Agriculture

Bachelor of Science in Agriculture
Animal/Equine Science Speciality Option

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 Club**
- **Rodeo Club**
- **Intercollegiate Equestrian Team**
- **Dressage Club**
- **Intercollegiate Rodeo Team**
- **Pre-Veterinary Medicine/Veterinary Technology Club**

Visit Our Website

www.murraystate.edu/agr

Academic Highlights

The Animal/Equine Science Speciality 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
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MURRAY STATE UNIVERSITY
HUTSON SCHOOL OF AGRICULTURE
ANIMAL/EQUINE SCIENCE SPECIALITY OPTION CURRICULUM
2014-2015 CATALOG

GENERAL EDUCATION/UNIVERSITY STUDIES COURSES

Dept.	No.	Description	Hrs.	Gr.
ORAL AND WRITTEN COMMUNICATION				**7 HRS**
ENG	105	Critical Reading, Writing & Inquiry	4	
COM	161	Intro. to Public Speaking	3	
SCI. INQUIRY, METHODS, QUANT. SKILLS				**13 HRS**
BIO	101	Biological Concepts	4	
CHE	201	General College Chemistry	5	
MAT	140	College Algebra	4	
WORLD HISTORICAL LIT. AND PHILOSOPHY				**6 HRS**
CIV	201	World Civilizations I	3	
HUM	211	Western Humanities Tradition	3	
GLOBAL AWARENESS AND CULT. DIVERSITY				**3 HRS**
		UNIV STUDIES ELECTIVE	3	
SOCIAL AND SELF AWARENESS				**6 HRS**
PSY	180	General Psychology	3	
PHI POL	202 140	Ethics **OR** American National Gov	3	
UNIVERSITY STUDIES APPROVED ELECTIVES				**8 HRS**
CHE	202	General Chem & Qual	5	
CIV AGR	202 199	World Civilizations II **OR** Contemporary Issues in Ag	3	
AGRICULTURE CORE COURSES				**24-25 HRS**
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 AGR AGR AGR	170 377 373 374	Intro. to Ag Sys Tech **OR** Ag Safety **OR** Animal in Disaster **AND** Livestock in Disaster	3-4	
AGR AGR AGR	403 506 523	Equine Reproduction **OR** Repro Physiology **OR** AI Techniques for Cattle	3	

AGRICULTURE CURRICULUM COURSES

Dept.	No.	Description	Hrs.	Gr.
EMPHASIS COURSES				**15 HRS**
AGR	130	Agriculture Economics	3	
AGR	324	Vet Diagnostic Imaging	3	
AGR AGR AGR	330 333 531	Principles of Ag Bus **OR** Ag Bus Records & Analysis **OR** Agricultural Finance	3	
AGR AGR AGR	302 311 325	Horse Science **OR** Beef Science **OR** Small Animal Science	3	
AGR AGR AGR	502 503 510	Advanced Nutrition **OR** Animal Genetics & Breeding **OR** Animal Anatomy & Physiology	3	
REQUIRED SUPPORT COURSES				**26 HRS**
BIO	227	Human Anatomy Lecture	2	
BIO	228	Human Anatomy Lab	2	
BIO	229	Human Physiology	3	
BIO	330	Human Physiology Lab	1	
PHY PHY	130 131	General Physics I **AND** General Physics I Lab	4	
PHY PHY	132 133	General Physics II **AND** General Physics II Lab	4	
EXS	370	Kinesiology	3	
BIO	221	Zoology	4	
CHE	330	Basic Biochemistry	3	
UNRESTRICTED ELECTIVES				**11-12 HRS**
SUGGESTED COURSES TO BE USED FOR UNRESTRICTED ELECTIVE				
CHE	312	Organic Chemistry I	5	
CHE	320	Organic Chemistry II	3	
BIO	300	Intro to Microbiology	4	

Paths to Parker University

1. Completion of a bachelor's degree with at least a GPA of 3.75.
2. Completion of a bachelor's degree in a health science field with a GPA of at least 3.25.
3. Completion of a bachelor's degree with at least a 3.5 GPA. Must have completed at least 12 hours of life/physical sciences (Anatomy and Physiology, Organic Chemistry I and II, General Chemistry I and II, and/or Physics I and II)
4. Completion of 90 or more credit hours of college with a cumulative GPA of at least 3.0. Must have completed the following: English Language Skills (6 hours); Psychology (3 hours); Social Sciences or Humanities (15 hours); Biological Sciences (6 hours); Chemistry (12 hours); and Physics, Biomechanics, Kinesiology, Statistics and/or Exercise Physiology (6 hours). GPA is required science course must be at least a 2.0.
5. Completion of 90 or more credit hours of college with a cumulative GPA of at least 2.75. Must have completed all science courses listed in path 4. Additionally, must be recommended by committee for admission.