

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 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

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 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
Equine - Pre-Chiropractic Curriculum 2023-2024

| 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 | | | | |
|--|--|--|--|--|

Minimum Credential Hours: 120

| 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 | 130 | Agricultural Economics | 3 |
| | AGR | 310 | Applications in Animal Technology | 3 |
| | AGR | 324 | Veterinary Diagnostic Imaging | 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 | 330 | Principles of Agribusiness | |
| | AGR | 333 | Agribusiness Records & Analysis | |
| | AGR | 433 | Farm Management | |
| | AGR | 528 | Agriculture, Food, and Rural Law | |
| Complete at least 1 of the following: | | | | 3 |
| | AGR | 436 | Undergraduate Research in Agriculture | |
| | AGR | 489 | Cooperative Education/Internship | |
| | AGR | 533 | Seminar in International Ag Systems | |
| | AGR | 590 | Internship in Animal Technology | |
| 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 |