



EQUINE SCIENCE

Career Opportunities:

According to the American Horse Council, there are more than 280,000 horses in the state of Missouri. Compared to other states, Missouri ranks #7 in the nation in total horse numbers. This translates to more than 56,000 jobs and a total economic impact of \$718 million. Nationally, there are nearly 2 million jobs associated with the equine industry. The U.S. equine industry directly contributes \$39 billion to the economy, with an additional indirect impact of \$102 billion, annually. The equine industry demands highly trained individuals with an equine education and hands-on experience.

Jobs in the Equine Industry Include:

- Facility Management
- Breeding and Foaling Management
- Veterinary Medicine
- Extension and Research
- Equine Nutrition and Pharmaceuticals
- Instruction and Coaching
- Training and Judging
- Farrier Care
- Equine Marketing and Sales
- Journalism and Photography
- Equine Assisted Therapy
- Therapeutic Riding

Opportunities at the University of Missouri

The educational goal of the Animal Sciences' Equine Science Program is to give students an integrated experience in the equine industry to better prepare them for equine related careers. Experiential learning is a priority for our students. The MU Equine Teaching Facility at South Farm has housed the campus' Quarter Horse breeding program for 55 years. Each horse serves double duty as both a producer and an educator. By using our breeding program as the cornerstone of all our courses, students learn to base management decisions on their foundation courses in nutrition, physiology and genetics. Undergraduate students in the Equine Program are involved with Mizzou's equine breeding program each step of the way - conception, foaling, training and marketing - in coordination with courses taught at the MU Equine Teaching Facility.

B.S. in Animal Science:

In addition to the core Animal Science curriculum, equine specific courses offered include:

- Equine Practicum
- Equine Facilities Management & Marketing
- Horse Production
- Equine Selection and Evaluation
- Equine Behavior and Training
- Equine Breeding Management

Through a unique partnership with this Stephens College in Columbia, MO, Mizzou students can take riding lessons and have the option of competing in local and national horse shows and clinics.

MU Online Horse Auction & Fundraiser:

Each November, students in the program produce the MU Online Horse Auction & Fundraiser to complete their integrated educational experience. Our auction provides students with valuable real-world experiences, such as training horses and developing professional communication with potential buyers. Horses sold in our student-managed MU Online Horse Auction & Fundraiser are both produced in the program and donated by generous program supporters.



For More Information Contact:

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