We’re in the Heart of Horse Country
Equine Science and Management (ESMA) involves the study and application of science and business concepts to the horse industry. The horse industry encompasses not only the breeding, raising and training of horses but the development of activities for the use of horses in sports and recreation. Students will choose from one of three emphasis areas:

- **Equine Science** provides scientific study of topics such as physiology, nutrition, reproduction and genetics of horses
- **Equine Management and Industry** teaches skills related to marketing, operations and managing equine businesses
- **Communications and Leadership** prepares students for leadership in equine business through courses in community dynamics, leadership development and agricultural communications

CAREERS
Our graduates may pursue involvement in one of the many sectors of the equine industry including equine health, management, breeding, training, sales, racing and more. Potential career paths include:

- **Equine Veterinarians** diagnose and provide medical care for horses
  2020 Median Pay: $85,092 + Commission

- **Bloodstock Analysts** analyze and assess the value of thoroughbreds being offered for sale
  2020 Median Pay: $69,035 + Commission

- **Horse Farm Managers** manage equine care, supervise farm employees and oversee maintenance of the facility
  2020 Median Pay: $69,239 + Commission

- **Sales Representatives** sell products to businesses, organizations and governments on behalf of manufacturers or wholesalers
  2020 Median Pay: $50,000 + Commission

Sources:
- Average Base Pay, Glassdoor.com, 2020
- Equine Career Opportunities, TheBalanceCareers.com, 2020

DID YOU KNOW?
Our Maxwell H. Gluck Equine Research Center is the only scientific institute in the United States with nearly all faculty conducting full-time research in equine health and diseases. The Center conducts equine research in seven targeted areas: genetics and genomics, infectious diseases, immunology, musculoskeletal science, parasitology, pharmacology, toxicology and reproductive health.
Our students learn how biological and economical concepts impact the management and use of horses.

REAL EXPERIENCE

All students will have the opportunity to gain valuable experience through hands-on labs in the ASC 320: Equine Management and EQM 105: Equine Behavior and Handling courses. Students can also visit and work at Maine Chance Farm, the college’s 700-acre research and education horse farm.

CERTIFIABLY EMPLOYABLE

Our program is certified in the QA Commons Essential Employability Qualities (EEQ) program. EEQ’s such as communication, critical thinking, inquiry, collaboration, adaptability, professionalism, responsibility, and ethics are woven throughout our curriculum to ensure that students have the employability skills needed to prepare them for their future careers.

ORGANIZATIONS AND CLUBS

**Dressage Team**  
students interested in the discipline of riding

**Eventing Team**  
compete at local shows and events

**Horse Racing Club**  
experience the horse racing industry

**Polo Team**  
competitive intercollegiate league

**Saddleseat Team**  
be involved in riding and shows

**Equestrian Team**  
club sport for the hunt seat and western disciplines

**Rodeo Team**  
promote and develop the sport of rodeo

**Collegiate Professional Horsemen’s Association**  
leadership, professional development, and service

HIGHLIGHTED COURSES

**EQM 106: Introduction to Careers in the Equine Industry**

Students are introduced to more than 30 equine industry related jobs through guest lecturers, career research, and job shadowing. Students can learn about career options, benefits, and more.

**EQM 305: Equine Industry Issues**

This course is designed to present students with provocative and current issues in the equine industry. Students will research and communicate findings on these issues in various written and oral formats.

**EQM 399: Equine Science and Management Internship**

This course provides students with valuable career opportunities in the horse industry and allows them to develop personal and professional skills by applying concepts from class in an industry setting.

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*Photo 1:* The Wildcat at the Main Chance Farm  
*Photo 2:* Riding demonstration at the Equine Farm and Facilities Expo  
*Photo 3:* Horses running at the Main Chance Farm  
*Photo 4:* A Student at the 2019 Equine Internship poster presentations  
*Photo 5:* Snapshot of UK rodeo team member  
*Photo 6:* UK Ag Equine Programs at the Kentucky Horse Park for Hats Off Day, one of many community educational events attended by our faculty and students.