

EQUINE SCIENCE *and* MANAGEMENT

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

\$122 BILLION

the annual economic impact of the U.S. Horse Industry¹



Program Contact

Kristen Wilson
kristen.wilson1@uky.edu
(859) 257-4610
N-212 Ag Science Center

For more program info, take a photo of this code with your smartphone. No special app required.

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.



¹ 2017 National Economic Impact Study, The American Horse Council Foundation



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

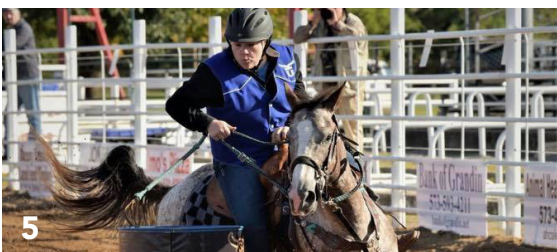
club sport for the hunt seat and western disciplines

Rodeo Team

promote and develop the sport of rodeo

Collegiate Professional Horseman'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.

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.