

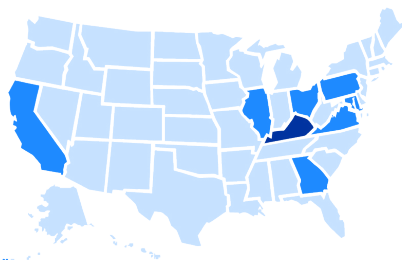
EQUIPPING TOMORROW'S WORKFORCE

 University of
Kentucky
College of Agriculture,
Food and Environment

UK Ag Equine Programs combines a comprehensive, interdisciplinary education with world-class research and unmatched service to the equine industry - *all in one place.*

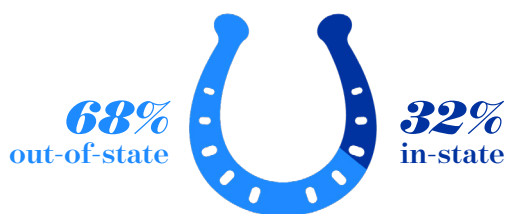
+3,700

ENROLLMENT IN EQUINE-RELATED
COURSES ACROSS ALL UK MAJORS
over the past five years



Top 7

PIPELINE STATES FOR GRADUATES OF
UK EQUINE BACHELOR'S PROGRAM
and many stay in Kentucky



SNAPSHOT OF AVERAGE ANNUAL
UNDERGRADUATE ENROLLMENT



Since its establishment in 2007, the University of Kentucky's Equine Science and Management bachelor's degree has quickly grown in enrollment - attracting students both domestic and international. Each year, the program averages nearly 300 students and educates hundreds more through its open courses and nine equine clubs and teams.

OUR DEGREE PROGRAM STANDS OUT

- **Comprehensive degree** rather than a certificate or emphasis area
- **Land-grant system** maximizes world-class research and outreach
- **Required internship** exposes +50 students to KY industry annually
- **Hands-on experiences** train for industry involvement
- **Many experiential opportunities** in research and leadership
- **Skill-building programs** extend from freshmen to alumni
- **UK Equine Career Fair** open to college & K-12 students across KY
- **"Essential Employability Qualities" Certified**
(the only equine program in the U.S. to receive this certification)

Dr. Nancy Cox, Dean & VP for Land-Grant Engagement
nancy.cox@uky.edu (859) 257-4772

Dr. James MacLeod, Director of UK Ag Equine Programs
jnmacleod@uky.edu (859) 218-1099

INITIATIVES & OUTREACH

CURRENT PROJECTS

2022 Kentucky Equine Survey
will deliver a comprehensive assessment of the Commonwealth's equine industry, with support from the Kentucky Agricultural Development Fund

Supporting Industry Integrity
with new, multi-dimensional programs focusing on drug testing, medication control and track safety

2021 Rotavirus Outbreak
prompted UK scientists to quickly identify the new variant, develop a test and management practices and begin working towards a new vaccine

200K
ANNUAL EQUINE SUBMISSIONS TO
UK VET DIAGNOSTIC LABORATORY
the highest case load in North America

4,500
PARTICIPANTS IN KENTUCKY
4-H HORSE PROGRAM
among the largest in the U.S.

+1,000
KENTUCKIANS REACHED ANNUALLY VIA
EXTENSION'S EQUINE PROGRAMMING
across all regions of Kentucky

Did you know?

UK Cooperative Extension offers many programs for horse owners including workshops on forage practices, farm business management, equipment operations and more.

CUTTING-EDGE RESEARCH PROGRAMS

- Equine Biology & Health
- Horse & Human Athlete Safety
- Race Surface Conditions & Safety
- Infectious Diseases
- Immunology
- Genetics & Genomics
- Musculoskeletal Science
- Reproductive Health
- Nutrition
- Parasitology
- Pharmacology & Toxicology
- Economics
- Pastures & Forages

SUPPORTING AND INVESTING IN KENTUCKY'S SIGNATURE INDUSTRY

The predictability of funding supports long-term visioning and strategic decision-making to support Kentucky's signature equine industry. There are promising opportunities for new investment, and we want to elevate our program to support future success.

STUDENT WORKFORCE OPPORTUNITIES

- Bridging the gap across socioeconomic backgrounds
- Increasing access for underrepresented groups
- Providing hands-on learning in modern teaching facilities
- Facilitating meaningful internship and co-op experiences
- Business related MS and MBA programs

RESEARCH INVESTMENT & INDUSTRY ENGAGEMENT

- Answering challenges to equine health and industry success
- Conducting meaningful research for owners big and small
- Positioning KY equine within emerging agtech initiatives
- Bringing new technologies to owners and professionals

OUTREACH INVESTMENT & SERVICE OPPORTUNITIES

- Developing workshops and outreach efforts throughout KY
- Creating youth STEM camps centered on equine science
- Introducing equine agriculture to students in K-12 schools
- Increasing engagement for students from urban areas
- Expanding opportunities to equine enthusiasts of all ages
- Empowering policymakers with accurate data that informs decision-making in Frankfort and across the nation

WE ARE WORKING TO ENSURE KENTUCKY REMAINS THE HORSE CAPITAL OF THE WORLD