

Horse Production and Management



Horse production and management is an Associate of Applied Science degree that concentrates on nutrition, reproduction, selection, training, health, and management. The practical aspects of horse production, training, and management are emphasized at Ohio State ATI's horse facilities.

Technical instruction includes horse management; judging, fitting, and showing; farrier science; horse health and diseases; feeding and nutrition of horses; equine breeding and genetics; balanced-seat horsemanship and equitation; horse facilities management; and practical horse handling.

Internships

Students in the horse production and management program complete an industry internship of full-time employment. Ohio State ATI encourages students to find appropriate internship positions in the U.S. and abroad.

Practicum is required of all equine students. This is a supervised, practical work experience at the Ohio State ATI horse facilities. Students are encouraged to think independently and evaluate and solve problems under the guidance of the horse facilities manager. Students assist in the daily husbandry and responsibilities of the horses.

Sample Courses

Introduction to Horse Science
Horse Judging and Evaluation
Animal Anatomy and Physiology
Managerial Records and Analysis
Principles of Animal Nutrition
Horse Health and Disease
Equine Sales Preparation and Marketing
Equine Facilities Maintenance and Management
Horse Breeding and Selection
Equine Feeding and Nutrition

Career Prospects

Career opportunities in the equine industry are available in sales, service, production, management, and supervision. Graduates receiving an Associate of Applied Science degree could fill positions such as:

- Stallion manager
- Riding instructor
- Horse show judge
- Sales representative
- Farm manager
- Broodmare manager
- Horse trainer
- Nutrition technician

Facilities

The Ohio State ATI Equine Center is a riding, training, and breeding facility that includes:

- A 46-stall barn
- A 100' x 200' indoor and a 120' x 400' outdoor arena
- 80 acres of pasture
- A breeding shed
- A breeding laboratory

Horse Science



Horse science majors pursue an Associate of Science degree which allows them to gain hands-on experience prior to enrolling in a Bachelor of Science degree program at The Ohio State University. The program enables students to complete approximately 50 percent of the requirements for a bachelor's degree in animal sciences or in another agricultural program with an equine minor.

Technical instruction includes course work in horse management; judging, fitting and showing; farrier science; horse health and diseases; feeding and nutrition; equine breeding and genetics; equitation, breaking and training; and business management principles.

Practicum is required of students in horse science. This is a supervised, practical work experience that provides students with the opportunity to apply skills learned in the classrooms and at the Ohio State ATI horse facilities. Students are encouraged to think independently and evaluate and solve problems under the guidance of the horse facilities manager. Students assist in the daily husbandry and responsibilities of the horses.

Career Prospects

After students complete a bachelor's degree within the College of Food, Agricultural, and Environmental Sciences at The Ohio State University, their career opportunities will vary depending upon their major. However, students who pursue employment within the horse industry will find opportunities in sales, service, production, management, and supervision.

Sample Courses

Introduction to Horse Science
Horse Judging and Evaluation
Animal Anatomy and Physiology
Principles of Animal Nutrition
Horse Health and Disease
Equine Sales Preparation and Marketing
Equine Facilities Maintenance and Management
Horse Breeding and Selection
Equine Feeding and Nutrition
Applied Equine Reproductive Management

Careers may include:

- Breed association representative
- Rehabilitation therapist
- Bloodstock agent
- Racing steward
- Equine pharmaceutical sales
- Marketing manager
- Show/event secretary

Facilities and Equipment

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"I came to ATI to get a degree. I got so much more than that. [The faculty] really helped me understand what it takes to start and operate a successful equine business."

— Bonnie Rhoades, Graduate