

# Animal Science & Management



Laurel Oaks  
Live Oaks



**MORE INFO**  
[greatoaks.com/animalscience](http://greatoaks.com/animalscience)

Skills recommended to be successful in this career pathway:

## AGRICULTURE & ENVIRONMENTAL SYSTEMS CAREER CLUSTER

### ESSENTIAL SKILLS

- Oral communication
- Written communication
- Physical strength/mobility
- Safety awareness
- Visual acuity/depth perception
- Perceptual speed/clerical & auditory perception
- Eye/hand/arm coordination/manual dexterity

### ACADEMIC SKILLS

- APPLIED MATHEMATICS**
  - Convert units of measure
  - Measure feed intake
  - Calculate cost of goods/services
- WORKPLACE DOCUMENTS**
  - Read/use pet medical records
  - Document work tasks
  - Use safety data sheets
- GRAPHIC LITERACY**
  - Read food labeling
  - Use species identification charts
  - Read/understand grooming manuals

### DID YOU KNOW STUDENTS IN THIS PROGRAM...

- \* Know and understand different types of animals
- \* Complete physically demanding tasks
- \* Work with, and at times, restrain animals
- \* Read animal behavior and adapt quickly to changing situations
- \* Clean up after various types of animals
- \* Work in an actual, lab-based grooming business
- \* Interact with customers and meet their needs
- \* Use reception skills like taking messages, registering clients and answering questions
- \* Participate in FFA activities
- \* Work with cleaning agents/supplies
- \* Respond quickly to the needs of animals
- \* Complete homework, tests, and certifications



### COURSES



- Animal Health
- Companion Animal Selection, Nutrition, and Management



- Animal Science & Technology
- Business Management for Agriculture and Environmental Systems



VIEW Great Oaks Course Guide  
[greatoaks.com/course-guide](http://greatoaks.com/course-guide)

*\*Courses subject to change.*

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## IS THIS YOU?



Find your work personality type with this free assessment at [truity.com](http://truity.com):



Holland's Model of Occupational Themes – graphic courtesy of the University of Tennessee.

## Realistic | Conventional

Realistic personality types are “doers;” they like doing something, as opposed to talking or thinking about it. They like to solve problems in the real world. They are practical, independent, assertive, competitive and interested in activities that require motor coordination, skill and strength. Doers with a secondary personality type of “conventional” like to work in organized, independent and structured environments.

### Key strengths that lead to success in this career path

- ✓ Integrity
- ✓ Dependability
- ✓ Self-control
- ✓ Attention to detail
- ✓ Cooperation
- ✓ Stress tolerance

## WORK-BASED LEARNING OPPORTUNITIES

- ▶ Job shadowing
- ▶ Job placement
- ▶ Guest speakers
- ▶ Field trips
- ▶ Volunteer opportunities with local veterinarians
- ▶ Mentoring
- ▶ School-based pet shop & grooming business

## COLLEGE & CAREER READY

### Career Credentials

- Elanco (iCEV) Fundamentals of Animal Science Certification
- Elanco (iCEV) Veterinary Medical Applications Certification
- Forklift Operation
- OSHA 10 - Agriculture
- Pet First Aid & Disaster Response
- CPR/First Aid



For more information, visit [ohiohighered.org](http://ohiohighered.org)

## CAREER PATHWAYS

After earning credentials, get more education and experience to

- ▶▶ Kennel manager
- ▶▶ Laboratory animal caretaker
- ▶▶ Pet stylist
- ▶▶ Veterinary assistant
- ▶▶ Veterinary technician
- ▶▶ Biologist/zoologist
- ▶▶ Veterinarian

Entry-level pay range in Ohio

**\$10 - 18**  
per hour



VIEW Essential Skills Guides  
[greatoaks.com/essential-skills](http://greatoaks.com/essential-skills)



Great Oaks alum  
Dani Lunsford

