

AGRICULTURE, FOOD AND
NATURAL RESOURCES CLUSTER

COMPANION ANIMAL SYSTEMS PATHWAY



Companion animals are a large part of the animal care industry. Veterinarians diagnose, treat, and research medical conditions and diseases of pets, livestock, and other animals. Veterinary technologists and technicians perform medical tests under the supervision of a licensed veterinarian to help diagnose the illnesses and injuries of animals. Veterinary assistants and laboratory animal caretakers look after animals in laboratories, animal hospitals, and clinics. They care for the well-being of animals by performing routine tasks under the supervision of veterinarians, scientists, and veterinary technologists and technicians. Animal care and service workers feed, water, groom, bathe, and exercise pets and other non-farm animals. Veterinary medicine has advanced considerably, and many of the veterinary services offered today are comparable to health care for humans, including cancer treatments and kidney transplants.

PATHWAY COURSES

- Basic Agriculture Science
- Animal Science and Biotechnology
- Small Animal Care

RECOMMENDED COURSES

- Biology
- Business Management
- Computer Applications
- Economics
- Environmental Science

POST-SECONDARY DEGREES, DIPLOMAS, AND CERTIFICATES

TECHNICAL COLLEGES

- Associates in Science

COLLEGES/UNIVERSITIES

- Bachelor of Science, Agricultural Business
- Bachelor of Science, Agricultural Education
- Bachelor of Science, Animal Science
- Master and PHD in all areas

CAREER AND TECHNICAL STUDENT ORGANIZATIONS



TOP CAREER CHOICES

Nonfarm Animal Caretakers

High School Diploma
\$19,100 annual salary
160 annual average openings in Georgia

Veterinarians

Professional Degree
\$76,600 annual salary
10 annual average openings in Georgia

Veterinary Assistants

High School Diploma
\$21,700 annual salary

ADDITIONAL CAREER CHOICES

- Agricultural Animals
- Agricultural Inspectors
- Agriculture Teachers
- Animal Breeders
- Animal Care and Service Workers
- Animal Scientists
- Biological Technicians
- Nonfarm Animal Caretakers
- Ranch Managers
- Veterinarians
- Veterinary Assistants
- Veterinary Technicians



Source: GADOE Plans of Study

<http://www.gadoe.org/Curriculum-Instruction-and-Assessment/CTAE/Pages/Georgia-Career-Pathways-New-Rule.aspx>



Forsyth County Schools
**CAREER
EXPLORATION
& Pathway Discovery**
CTAE Career Pathways / Fine Arts Pathways

- Alliance Academy for Innovation
- Denmark High School
- East Forsyth High School
- Forsyth Central High School
- Forsyth Virtual Academy
- Lambert High School
- North Forsyth High School
- South Forsyth High School
- West Forsyth High School