



The Animal Science program of study focuses on the science, research, and business of animals and other living organisms. It teaches CTE learners how to apply biology and life science to real-world life processes of animals and wildlife, either in laboratories or in the field, which could include a veterinary office, a farm or ranch, or any outdoor area harboring animal life. Students may also research and analyze the growth and destruction of species and research or diagnose diseases and injuries of animals.

Grade	Required CTE Courses
9	(3952) Principles of Agriculture, Food & Natural Resources (AFNR) <i>SEM: 2 CR: 1</i>
10	(3950) Livestock Production <i>SEM: 2 CR: 1</i>
11	(3953) Veterinary Medical Applications <i>SEM: 2 CR: 1</i>
12	(3954) Advanced Animal Science <i>SEM: 2 CR: 1</i> OR (3956) Practicum in AFNR <i>SEM: 2 CR: 2</i>

Certificates and Degrees Available			
High School	Certified Veterinary Assistant*		
Certificate/License	Pet Groomer	Veterinary Technician	Licensed Breeder
Associate's Degree	Food & Science Technology	Veterinary Studies	
	Biotechnology Lab Technician	Biology Technician	
Bachelor's Degree	Animal Sciences	Agriculture	
	Biology	Zoology/ Animal Biology	
Master's/ Doctoral Professional Degree	Genetics	Veterinary Medicine	
	Biological and Physical Sciences	Biological and Biomedical Sciences	

* Certified Veterinary Assistant certification is provided to students in 11th or 12th grade. All other certificates and/or degrees are available to students upon graduation from high school.

Career Outlook			
Occupations	Median Wage	Annual Openings	% Growth
Animal Breeders	\$39,135	28	9%
Animal Scientists	\$57,533	22	12%
Medical Scientists	\$63,898	435	27%
Veterinarians	\$93,496	294	24%
Zoologists & Wildlife Biologists	\$67,309	45	32%