



Veterinary Studies
Business and Industry Endorsement
Program of Study: Animal Science
South Grand Prairie High School

Grade	ELA	Math	Science	Social Studies	Required CTE Courses	Potential Certification Opportunities
9th	English 1	Algebra 1	Biology	World Geography or AP Human Geography	Principles of Agriculture, Food & Natural Resources (1 Credit)	<ul style="list-style-type: none"> OSHA General Cyber Safety Career Essentials: Customer Service Career Safe: Employability
10th	English 2	Geometry	Chemistry or OnRamps Chemistry	World History, AP World History, or Political Science	Small Animal Management (.5 Credit) Professional Standards in Agribusiness (.5 Credit)	
11th	English 3	Algebra II	Physics, AP Physics, AP Chemistry, or OnRamps Physics	U.S. History, AP US History, or OnRamps US History	Veterinary Medical Applications (1 Credit)	<ul style="list-style-type: none"> iCEV Veterinary Medical Applications Certification
12th	Business English, or Approved CTE 4 th year English	Financial Mathematics, or Approved CTE 4 th year Math	Anatomy & Physiology/ Principles of Technology, or Approved CTE 4 th year Science	Government Economics	Practicum in Veterinary Studies (2 Credits)	<ul style="list-style-type: none"> Certified Veterinary Assistant Animal CPR

Student Organizations	Additional Required Electives
-----------------------	-------------------------------

FFA	Fine Arts Health Foreign Language Physical Education
-----	---

Dual Credit Offerings	Additional Recommended Electives
-----------------------	----------------------------------

English 4 Government U.S. History Economics Pre-Calculus	Psychology (.5 Credit) AP Psychology (.5 Credit)
--	---

Sample Career Opportunities	High School	On the Job Training	Certificate	Associates Degree	Bachelor's Degree	Advanced College Degree	Average Annual Salary	Possible Majors for this Pathway
Veterinarian						X	\$95,945—\$145,218	<ul style="list-style-type: none"> Pre-Veterinarian Studies Veterinary Technologist Veterinary Technician Zoology Animal Sciences and Industry Biology Biological Sciences Fish, Wildlife and Conservation Sciences Agricultural Sciences
Veterinary Technician		X	X	X	X		\$35,240—\$47,915	
Veterinary Surgeon						X	\$109,194—\$151,594	
Veterinary Assistant	X	X	X	X			\$30,855—\$43,011	
Animal Groomer and Bather	X	X					\$34,649—\$51,064	
Animal Control Officer		X	X	X	X		\$56,424—\$69,249	
Wildlife, Fish and Conservation Biology Lab Specialist		X	X	X	X		\$51,702—\$65,009	
Wildlife Biologist				X	X	X	\$45,283—\$58,817	
Research Animal Nutritionist/Physiologist					X	X	\$72,983—\$89,517	
Animal Behavior Specialist	X	X	X	X			\$31,155—\$37,931	
Biological Science Technician	X	X	X	X			\$42,539—\$53,671	