

CAREER PATHWAY PROFILE

VETERINARY SERVICES



1. Pathway Options

JOB TITLE	CERTIFICATE OR DEGREE REQUIRED	STARTING SALARY	LOCAL EDUCATION OPTIONS
Veterinary Assistant	high school diploma or equivalent	\$26,140	Animal Behavioral College Charter College
Veterinary Technologist	Associate of Veterinary Technology degree; Bachelor of Veterinary Technology degree; Veterinary Technician National Examination	\$33,400	Portland Community College
Veterinarian	Doctor of Veterinary Medicine; North American Veterinary Licensing Exam; State license	\$90,420	Washington State University Pullman

2. High School Course Options: Science*

COURSE	DESCRIPTION
Biology	<p>Biology: This course includes a study of living organisms and vital processes. Themes that will be covered in this course include scientific skills, ecology, biochemistry, cellular processes, genetics, evolution, classification of organisms, as well as plant and human body systems.</p> <p>Molecular Biology: The study of composition, structure and interactions of cellular molecules—such as nucleic acids and proteins—that carry out the biological processes essential for the cell’s functions and maintenance.</p> <p>Cellular Biology: The study of cell structure and function that is the fundamental unit of life.</p>
Chemistry	The study of the composition, structure and properties of matter.
Physics	The study of matter and its motion and behavior through space and time. Students cultivate their understanding of systems, fields, force interactions, change, conservation of energy, and energy waves.
Statistics	Focuses on the ability to solve problems that involve collecting and analyzing meaningful data.
Animal Science	This is a biology course with a focus on the study of animals. Learn about urban, rural, and wild animals from a scientific focus. Units and labs include learning about the scientific method, animal behavior, animal and human systems, mammal reproduction, evolution of animals, and current issues related to animals.
Animal Behaviour	This is a course that ties together basic foundational concepts from biology and psychology with application concepts found in veterinary science and wildlife biology.
Wildlife Biology	Wildlife biology is designed to introduce students to the principles of wildlife management and conservation, and to recognize opportunities for education and careers in the field of wildlife biology.
Veterinary Science	Learn skills to prepare for employment or advanced training in the veterinary care industry. Units of instruction include: medical terminology, animal handling and restraint, injections and sutures, parasitology, animal health care, animal grooming, veterinary office procedures, and comparative animal anatomy and physiology.

* Students who wish to pursue course work that is not offered by their local school should look into a head start program via a local community college or investigate on-line options available.