

# Riverview School District Program of Study

## Career Cluster Pathway: Animal Science

*This program of study should serve as a partner to our registration guide, and help learners clearly define their career and college readiness pathways. Courses listed within this program of study are recommended only, and should be individualized to meet each learner's education and career and college goals.*

LEVEL	GRADE	English/ Language Arts (4.0 credits)	Social Studies (3.0 credits)	Math (3.0 credits)	Science (2.0 credits)	Visual or Performing Arts (1.0 credits)	Health/ Fitness (2.0 credits) Health = .5 PE = 1.5	World Language (2.0 credits)	Career & Technical or Occupational Education (1.5 credits)
Visit the OSPI website or Washington Student Achievement Council for more information on state graduation requirements. <b>Note:</b> Riverview School District offers a Personalized Pathway. See the Registration Guide and contact your school counselor.									
<b>SECONDARY GRADUATION REQUIREMENTS</b>	7	Language Arts	Social Studies	Math or Algebra I	Science	Elective	PE	NA	7 <sup>th</sup> Tech/Engineering
	8	Language Arts	Washington State History	Math, Algebra I, Geometry	Science	Elective	PE	NA	8 <sup>th</sup> Tech/Engineering
	9	English 9 Honors English 9	None	Algebra I Algebra II Geometry	Physical Science Honors Physical Science <b>Agriscience A and B</b>	<b>Recommend:</b>  2 Credits from Visual and Performing Arts Courses or Occ. Ed. Equivalent	One Semester Health <b>and</b> One Semester Physical Ed	Elective or Spanish 1 French 1	IT Academy Agriscience 1 and 2  FFA
	10	English 10 Honors English 10	<b>Required:</b> Modern World History and Geography or Honors Modern World History and Geography	Geometry Algebra II Pre-Calculus Honors Pre-Calculus, AP Calculus	<b>Agriscience A and B</b> <b>Biology</b> <b>Honors Biology</b>		World Lang. Spanish 1 or 2 French 1 or 2	Animal Science 1  FFA	
	11	English 11 Honors English 11 AP Language and Composition	<b>Required:</b> US History and Government or AP US History  <b>Electives for 11<sup>th</sup> &amp; 12<sup>th</sup> Grades:</b> Law and Business Ethics 1 & 2, Economics, Global Issues, Psychology	Algebra II Pre-Calculus Honors Pre-Calculus, AP Calculus, AP Statistics, <b>Accounting,</b> <b>Financial Planning,</b> <b>Business Math,</b> AP Computer Science	<b>Choose:</b> Agriscience A and B, Animal Science 1 and 2, Horticulture 1 and 2, AP Biology, <b>Anatomy and Physiology,</b> Chemistry, AP Chemistry, Physics, AP Physics, AP Computer Science		World Lang. Spanish 2 French 2	Animal Science 2  FFA	
12	English 12 Honors English 12 AP Language and Composition	<b>Required:</b> Civics or AP US Gov. and Politics  <b>See Electives Available Above for 12th grade required .5 credit</b>	<b>Choose:</b> Algebra II Pre-Calculus Honors Pre-Calculus, AP Calculus, AP Statistics, <b>Accounting,</b> <b>Financial Planning,</b> <b>Business Math,</b> AP Computer Science	<b>Choose:</b> Agriscience A and B, Animal Science 1 and 2, Horticulture 1 and 2, AP Biology, <b>Anatomy and Physiology,</b> Chemistry, AP Chemistry, Physics, AP Physics, AP Computer Science	Work Site Learning Practicum as a Vet Tech or farm  FFA				

<b>Technical Certification</b> <i>(Instruction provided through certified training and/or testing centers)</i>	<b>Apprenticeship Opportunities</b> <i>(To learn more about Apprenticeship, visit <a href="#">Labor and Industries</a> website.)</i>	<b>2-yr Degree or Certification</b> <i>(Find specific colleges at <a href="http://www.checkoutcollege.com">www.checkoutcollege.com</a>)</i>	<b>4 –yr Degree or Adv Training</b> <i>(Find specific colleges at <a href="#">Washington Student Achievement Council</a>)</i>	<b><u>Little or No Preparation</u></b> <ul style="list-style-type: none"> <li>Fishers and Related Fishing Workers</li> <li>Farm workers, Farm and Ranch Animals*</li> </ul>	<b><u>Considerable Preparation</u></b> <ul style="list-style-type: none"> <li>Agricultural Inspectors</li> <li>CTE Teacher</li> <li>Purchasing Agents and Buyers, Farm Products</li> <li>Fish and Game Wardens</li> <li>Fisheries Biologist</li> <li>Marine and Fish Biologist Hydro-Electric Mechanical Engineer</li> </ul>
<p><b><u>CTE Course Offerings</u></b></p> <p>May vary depending on local school district - see course catalog</p> <p><b><u>Skills Center Options</u></b></p> <p><u>Learn</u> more about locations and course offerings at <a href="http://www.washingtonskillscenter.org">www.washingtonskillscenter.org</a></p> <p><b><u>Leadership Programs</u></b></p> <p><a href="#">DECA - Marketing</a>  <a href="#">FFA - Agriculture</a>  <a href="#">FBLA - Business</a>  <a href="#">TSA -Technology</a>  <a href="#">WVSMA - Sports Medicine</a></p> <p><b><u>Tech Prep Courses</u></b></p> <p>Learn more about earning college credit while in high school CTE classes at <a href="http://techprepwa.org/studentparent">techprepwa.org/studentparent</a></p> <p><b><u>CERTIFICATION</u></b></p> <p>Some preparatory CTE courses offer industry certification. Ask an instructor for details.</p> <p><b><u>Agricultural Business and Management</u></b></p> <ul style="list-style-type: none"> <li>Spokane Community College</li> <li>Walla Walla Community College</li> </ul>	<p>Follow these steps to learn about the specific apprenticeships available in this pathway:</p> <p><b>STEP 1:</b> Link to <a href="#">Apprenticeship Registration and Tracking System</a></p> <p><b>STEP 2:</b> Search by "Occupation" using key words below or the SOC code listed</p> <ul style="list-style-type: none"> <li>Grounds Maintenance Specialist (37-3011)</li> <li>Landscape Technician (37-3011)</li> <li>Tree Trimmer (37-3013)</li> </ul> <p><b>STEP 3:</b> Click "View" and scroll down to find contact name and program standards for qualifications and how to apply</p>	<p><b><u>Dog/Pet/Animal Grooming</u></b></p> <ul style="list-style-type: none"> <li>Northwest School Of Animal Massage</li> </ul> <p><b><u>Equestrian/Equine Studies, Horse Management and Training</u></b></p> <ul style="list-style-type: none"> <li>Northwest School Of Animal Massage</li> </ul> <p><b><u>Fisheries Tech</u></b></p> <ul style="list-style-type: none"> <li>Bellingham Technical College</li> <li>Centralia Community College</li> <li>Heritage University</li> <li>Peninsula College</li> </ul> <p><b><u>Horseshoeing</u></b></p> <ul style="list-style-type: none"> <li>Walla Walla Community College</li> </ul> <p><b><u>Veterinarian Assistant/Tech</u></b></p> <ul style="list-style-type: none"> <li>Bellingham Technical College</li> <li>Pierce Community College</li> <li>Yakima Valley Community College</li> </ul> <p><b><u>Wildlife &amp; Wildlands Science Mgmt</u></b></p> <ul style="list-style-type: none"> <li>Spokane Community College</li> </ul> <p><b><u>Turf &amp; Turfgrass Management</u></b></p> <ul style="list-style-type: none"> <li>Spokane Community College</li> <li>Walla Walla Community College</li> </ul>	<p><b><u>Conservation and Renewable Natural Resources, Other</u></b></p> <ul style="list-style-type: none"> <li>University of Washington-Seattle Campus</li> <li>Washington State University</li> </ul> <p><b><u>Cell and Molecular Biology</u></b></p> <ul style="list-style-type: none"> <li>University of Washington-Seattle Campus</li> </ul> <p><b><u>Entomology</u></b></p> <ul style="list-style-type: none"> <li>Washington State University</li> </ul> <p><b><u>Fishing and Fisheries Sciences and Management</u></b></p> <ul style="list-style-type: none"> <li>University of Washington-Seattle Campus</li> </ul> <p><b><u>Wildlife and Wildlands Management</u></b></p> <ul style="list-style-type: none"> <li>University of Washington-Seattle Campus</li> <li>Washington State University</li> <li>Spokane Community College</li> </ul> <p><b><u>Zoology</u></b></p> <ul style="list-style-type: none"> <li>University of Washington-Seattle Campus</li> <li>Western Washington University</li> <li>Washington State University</li> </ul> <p><b><u>CTE Secondary Education Teacher</u></b></p> <ul style="list-style-type: none"> <li>Education Degree in a CTE program area with 2000 hours of related work experience</li> <li>Industry Route Certificate requires 6000 hours of work experience in the field and completion of a state approved CTE Preparation Program along with passage of Basic Skills Math and English</li> </ul>	<p><b><u>Some Preparation</u></b></p> <ul style="list-style-type: none"> <li>Nonfarm Animal Caretakers*</li> <li>Agricultural Equipment Operators</li> <li>Animal Trainers</li> <li>Hunters and Trappers</li> </ul> <p><b><u>Medium Preparation</u></b></p> <ul style="list-style-type: none"> <li>Animal Breeders</li> <li>Animal Waster Biomethane Gas Collection System Technician</li> <li>First Line Supervisors of Animal Care workers</li> <li>Veterinary Technologists and Technicians*</li> </ul>	<p><b><u>Extensive Preparation</u></b></p> <ul style="list-style-type: none"> <li>Veterinarians* Zoologists and Wildlife Biologists</li> </ul>