


	<b>Courses by Career Cluster</b> <i>Cluster icons designed by THS VisCom students</i>	<b>Possible Jobs/Sample Occupations</b>	<b>Employment Data</b>	<b>Miscellaneous Notes</b>
<b>Worksite Learning and Career Choices span all Career Clusters</b>	<div style="display: flex; align-items: center;">  <div> <p><b>Agriculture, Food, &amp; Natural Resources Career Cluster</b></p> <ul style="list-style-type: none"> <li>• AP Environmental Science A, B, C</li> <li>• CHS Environmental Science A, B</li> <li>• Human Impacts A, B</li> <li>• IB Environmental Systems &amp; Societies A, B, C</li> <li>• Natural Resources Biology A, B</li> <li>• NGSS Chemistry A, B</li> <li>• NGSS Environmental Science A, B</li> </ul> <p style="text-align: center;"><b>All Career Clusters</b></p> <ul style="list-style-type: none"> <li>• Worksite Learning (WSL), Agriculture</li> <li>• IB Personal &amp; Professional Skills A, B</li> <li>• Pathways to Success A, B</li> </ul> <p><i>Possible upcoming additions:</i></p> <ul style="list-style-type: none"> <li>• <b>AP Biology</b> <i>(framework in development)</i></li> <li>• <b>Biotechnology</b> <i>(framework in development)</i></li> <li>• <b>Ecology/Environmental Studies</b> <i>(potential science credit recovery)</i></li> <li>• <b>Veterinary Science</b> <i>(framework in development)</i></li> </ul> </div> </div>	<p style="text-align: center;"><b>Little or No Formal Preparation (on-the-job training)</b></p> <ul style="list-style-type: none"> <li>• Animal Care and Service Worker</li> <li>• Forest Firefighter</li> <li>• Forest Worker or Logger</li> <li>• Hazardous Materials Removal Workers</li> </ul> <p style="text-align: center;"><b>Some Preparation</b></p> <ul style="list-style-type: none"> <li>• Chemical Technician</li> <li>• Water Monitoring Technician</li> <li>• Water and Wastewater Operator</li> </ul> <p style="text-align: center;"><b>Medium Preparation</b></p> <ul style="list-style-type: none"> <li>• Agricultural and Food Scientist</li> <li>• Biological Technicians</li> <li>• Chemists and Materials Scientists</li> <li>• Environmental Technicians</li> <li>• Fish and Game Officer</li> <li>• Forest and Conservation Technicians</li> <li>• Geological and Petroleum Technician</li> </ul> <p style="text-align: center;"><b>Extensive Preparation</b></p> <ul style="list-style-type: none"> <li>• Biochemists and Biophysicists</li> <li>• Chemical Engineers</li> <li>• Environmental Consultant</li> <li>• Environmental Engineers</li> <li>• Forest Manager</li> <li>• Park Manager</li> <li>• Range Manager</li> <li>• Soil Scientists</li> <li>• Veterinarians</li> <li>• Wildlife Manager</li> </ul>	<ul style="list-style-type: none"> <li>• Agricultural and Food Scientist (19-1010)   8% growth   \$76,400 annually</li> <li>• Animal Care and Service Workers (39-2000)   15%   \$31,830</li> <li>• Biochemists and Biophysicists (19-1021)   9% growth   \$107,460 annually</li> <li>• Biological Technicians (19-4021)   7% growth   \$51,430 annually</li> <li>• Chemical Engineers (17-2041)   10% growth   \$112,100 annually</li> <li>• Chemical Technicians (19-4031)   5% growth   \$56,750 annually</li> <li>• Chemist and Materials Scientists (19-2030)   8% growth   \$87,180 annually</li> <li>• Conservation Scientists &amp; Foresters (19-1030)   5% growth   \$68,300 annually</li> <li>• Environmental Science and Protection Technicians (19-4042)   7% growth   \$50,660 annually</li> <li>• Environmental Scientist and Specialists, including Health (19-2041)   7% growth   \$78,980 annually</li> <li>• Medical Scientists (19-1042)   11% growth   \$100,890 annually</li> <li>• Microbiologists (19-1022)   7% growth   \$85,470 annually</li> <li>• Natural Science Manager (11-9121)   8% growth   \$157,740 annually</li> <li>• Soil and Plant Scientist (19-1013)   7% growth   \$76,400 annually</li> <li>• Veterinarians (29-1131)   19% growth   \$119,100 annually</li> </ul>	<p>As identified by the Workforce Training &amp; Education Coordinating Board and the Employment Security Department, the forecast for “green jobs” in Washington State shows growth.</p> <p>Significant opportunities will exist for 2-year and certificated graduates, since the majority of jobs (approx. 80%) require less than a four-year degree for entry.</p> <p>Conclusions reported include:</p> <ul style="list-style-type: none"> <li>• Green jobs permeate the economy.</li> <li>• Rather than a separate green economy, we have a “greening” economy.</li> <li>• Concentration of green jobs in energy-efficiency sector reflects decades of investment.</li> <li>• Economic upheaval, recovery presents opportunities.</li> </ul>