


Career Cluster	Possible Jobs/Sample Occupations	Employment Data	Miscellaneous Notes
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Worksite Learning, Jobs for Washington Graduates (JWG) and Career Choices span all Career Clusters.</p>  <p>Renton School District CTE Courses in this Career Cluster</p> <ul style="list-style-type: none"> • NGSS Environmental Science A,B • AP/ CiHS Environmental Science A,B,C • IB Environmental Systems & Societies A,B C • Natural Resources Biology <p>Possible new additions:</p> <ul style="list-style-type: none"> • Chemistry in the Community (approved framework) • AP Biology (no framework) 	<p>Little or No Formal Preparation (on-the-job training)</p> <ul style="list-style-type: none"> • Forest Firefighter • Forest Worker or Logger • Hazardous Materials Removal Workers <p>Some Preparation</p> <ul style="list-style-type: none"> • Water Monitoring Technician • Water and Wastewater Operator <p>Medium Preparation</p> <ul style="list-style-type: none"> • Forest and Conservation Technicians • Environmental Technicians • Geological and Petroleum Technician • Biological Technicians • Fish and Game Officer <p>Considerable Preparation</p> <ul style="list-style-type: none"> • Forest Manager • Park Manager • Range Manager • Wildlife Manager <p>Extensive Preparation</p> <ul style="list-style-type: none"> • Biochemists and Biophysicists • Chemical Engineers • Environmental Consultant • Environmental Engineers • Environmental Scientists • Soil Scientists 	<ul style="list-style-type: none"> • Environmental Engineering Technicians (17-3025) – 7% growth; \$50,620 annually • Environmental Scientist and Specialists, including Health (19-4041) – In Demand with 8% growth; \$71,360 annually • Hydrologists (19-2043) – 5% growth; \$81,270 • Geological and Petroleum Technicians (19-4045) – 5% growth; \$51, 130 annually • Hazardous Materials Removal Workers (47-4041) – 8% growth; \$43,900 • Agricultural and Food Scientist (19-1010) – 6% growth, Soil and Plant Scientist (19-4013) – 7% growth; \$65,160 annually • Biochemists and Biophysicists (19-1021) with a 4% growth; \$94,490 annually • Biological Technicians (19-4021) – 5% growth; \$45,860 • Conservation Scientists & Foresters (19-1030 & 31) - 5% growth, \$62,410 annually • Microbiologists (19-1022)– 3% growth; \$75,650 annually • Chemical Engineers (17-2041) - 4% growth; \$108,770 annually • Chemist and Materials Scientists (19-2030) – 5% growth; \$77,630 annually 	<p>As identified by the Workforce Training & 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"> • Green jobs permeate the economy. • Rather than a separate green economy, we have a “greening” economy. • Concentration of green jobs in energy-efficiency sector reflects decades of investment. • Economic upheaval, recovery presents opportunities.