

WASHINGTON STATE COMMUNITY & TECHNICAL COLLEGES

AGRICULTURE & NATURAL RESOURCE CAREER CLUSTER

ENVIRONMENTAL SERVICE CAREER PATHWAY

Cascadia
Lake Washington
Walla Walla

Environmental Technology

NATURAL RESOURCE CAREER PATHWAY

Bellingham

Fisheries Technology

Centralia
Grays Harbor
Green River
Spokane

Forestry & Forest Technology

Bellingham
Everett
Green River
Olympic
Skagit Valley

Geographic Information Systems

Skagit Valley
Walla Walla
Wenatchee Valley

Natural Resources & Conservation

Green River
Skagit Valley
Spokane

Water, Wetlands, & Marine Resources Management

Spokane

Wildlife, Fish, & Wildlands Science & Mgmt

AGRIBUSINESS CAREER PATHWAY

Columbia Basin
Spokane
Walla Walla
Yakima Valley

Agricultural Business & Management

FOOD PROCESSING & TECHNOLOGY CAREER PATHWAY

Big Bend
Yakima Valley

Agriculture & Food Products Processing

Columbia Basin
South Seattle
Walla Walla
Wenatchee Valley
Yakima Valley

Viticulture & Enology

PLANT SCIENCE CAREER PATHWAY

Agricultural Production Operations

Big Bend
Walla Walla
Wenatchee Valley
Yakima Valley

Agroecology & Sustainable Agriculture

Skagit Valley

Greenhouse Operations & Management

Spokane

Horticulture Operations

Edmonds
Lake Washington
South Puget Sound
South Seattle
Wenatchee Valley

Landscaping & Groundskeeping

Clover Park
Edmonds
South Seattle

Ornamental Horticulture & Floristry

Edmonds
Spokane

Plant Nursery Operations & Mgmt

Edmonds

Tree Fruit Production

Wenatchee Valley
Yakima Valley

Turf Management

Edmonds
Spokane
Walla Walla

ANIMAL SCIENCE CAREER PATHWAY

Agricultural Production Operations

Walla Walla

Horseshoeing

Walla Walla

Veterinary Technology

Bellingham
Pierce
Renton
Skagit Valley
Yakima Valley

EQUIPMENT & TECHNOLOGY CAREER PATHWAY

Agricultural Mechanization

Walla Walla (2)

Irrigation Technology

Big Bend
Walla Walla

Turf Equipment Mechanics

Walla Walla

WASHINGTON STATE COMMUNITY & TECHNICAL COLLEGES

AGRICULTURE & NATURAL RESOURCE CAREER PATHWAYS

Career clusters identify the knowledge and skills students need as they follow a pathway toward their career goal. The Agriculture & Natural Resource Career Cluster is divided into seven career pathways. Pathways are grouped by common knowledge and skills required of occupations in the agriculture and natural resource career fields.

AGRIBUSINESS PATHWAY

People who work in the agribusiness pathway coordinate activities that contribute to the production, processing, marketing, distribution, financing and development of agricultural commodities and resources.

ANIMAL SCIENCE PATHWAY

People who work in the animal science pathway provide care for animals; promoting animal health activities, developing better livestock production methods, and processing meat and dairy products.

ENVIRONMENTAL SERVICE PATHWAY

People who work in the environmental service pathway are involved in water and air pollution control, recycling, waste disposal and public health issues.

EQUIPMENT & TECHNOLOGY PATHWAY

People who work in the equipment and technology pathway apply knowledge of engineering, hydraulics, pneumatics, electronics, power, structures, and controls to the field of agriculture.

FOOD PROCESSING & TECHNOLOGY PATHWAY

People who work in the food processing pathway discover and analyze food sources; developing ways to process, preserve, package or store food according to industry and government regulations.

NATURAL RESOURCE PATHWAY

People who work in the natural resource pathway coordinate activities that contribute to the development, maintenance, and management of the natural environment.

PLANT SCIENCE PATHWAY

People who work in the plant science pathway help producers of feed, fiber, and food crops expand production while conserving natural resources and maintaining the environment.



Funding for this project provided by the Washington State Board for Community & Technical Colleges.