

Agriculture, Food & Natural Resource Systems

The Agriculture, Food and Natural Resource Systems career learning area relates to the environment, food and natural resources such as:

- agriculture (including food systems)
- earth sciences
- environmental sciences
- fisheries management
- forestry
- horticulture
- water resources
- wildlife management
- urban environmental management

top 10 Careers

Food Science
Bookkeeping, Accounting and Auditing Clerks
Veterinarian
Truck Drivers
Farm Workers and Laborers
Food Packers and Packagers
Horticulturists
Agribusiness Management
Agriculture Equipment Operators
Agriculture and Natural Resources Communications

The objectives in this career learning area blend the long-term needs of people and environmental values so the land will support diverse, productive and sustainable processes and products.

— Oregon Department of Education

Career Clusters 2x2

Here are two career clusters for you to check out with two corresponding career options to give you some ideas. For more information on career clusters visit: www.ode.state.or.us/go/skillsets

Agriculture

- Animal Science Systems
- Power, Structure and Technology

Environmental Services

- Energy Management
- Water Quality

Related Coursework

- Horticulture Technology and Design
- Discovering Natural Resources
- Environmental Sciences



Focused Programs of Study



Choosing a focused program of study is an important way to help clarify your goals, provide you with a relevant selection of elective courses, and prepare you to succeed in post-secondary education and/or careers. By selecting a focused program, you strengthen the opportunity to gain the qualities and skills that are vital for employment and productivity in business, industry and the community.

These focus programs are related to the Agriculture, Food and Natural Resource Systems career area:

Hillsboro High School

- Environmental Studies
- Horticulture





Agriculture is not crop production as popular belief holds — it's the production of food and fiber from the world's land and waters. Without agriculture, it is not possible to have a city, stock market, banks, university, church or army. Agriculture is the foundation of civilization and any stable economy.

—Allan Savory, Scientist

Community Service Opportunities

Here are five ideas for you to look into in the local area (in Hillsboro, unless otherwise stated):

- B Street Living Museum Permaculture Project, Forest Grove
- David Hill Community Garden
- Jackson Bottom Wetlands
- SOLVE, Portland (projects in various areas)
- Hillsboro Parks & Recreation

Dual Credit Opportunities

The following courses enable you to earn credits in high school and at Portland Community College:

Hillsboro High School

- Introduction to Horticulture Technology and Design
- Horticulture Technology 1 and 2

