



Agriculture, Food, and Natural Resources Career Pathway NEW North Gresham High School 2023-2025



EXPLORE: Click on the links to find the job titles that seem most interesting to you to learn more! Save any jobs you are interested in from this career pathway in your XELLO account so that you can create an Academic and Career Plan (ACP) later on.

Educational Level May also require work experience	Agribusiness Systems	Animal Systems	Biotechnology Systems	Environmental & Natural Resource Systems	Food Products & Processing Systems	Plant Systems	Power, Structural, & Technical Systems
High School Diploma, Certification	<ul style="list-style-type: none"> ● Farm Operations Manager ○* ● Auctioneer ○ ● Office Manager <p style="text-align: center;">Range \$45,800-68,800</p>	<ul style="list-style-type: none"> ● NonFarm Animal Caretakers ○* ● Farmworkers, Farm, Ranch, Aquaculture Animal Workers ○* ● Pet groomer ○ <p style="text-align: center;">Range \$22,800-49,100</p>	<ul style="list-style-type: none"> ● Data Processor * ● Research Assistant ● Specimen Collector <p style="text-align: center;">Range \$31,100-44,100</p>	<ul style="list-style-type: none"> ● Environmental Systems Fuel Transporter ● Forest and Conservation Workers ● Water and Wastewater Treatment Plant Worker ○* <p style="text-align: center;">Range \$31,900-57,800</p>	<ul style="list-style-type: none"> ● Production Technician ● Material Handler ● Slaughter Processor * <p style="text-align: center;">Range \$30,100-57,200</p>	<ul style="list-style-type: none"> ● Farmworkers, Crops, Nursery, Greenhouse Workers * ● Pest Control Workers ○ ● Landscaper ○ <p style="text-align: center;">Range \$28,600-48,800</p>	<ul style="list-style-type: none"> ● Agricultural Equipment Operator * ● Truck Driver ○* ● Parts Sales Specialist <p style="text-align: center;">Range \$27,700-52,600</p>
Certification or Technical Diploma	<ul style="list-style-type: none"> ● Spanish Translation Coordinator * <p style="text-align: center;">Range \$33,500-93,100</p>	<ul style="list-style-type: none"> ● Artificial Insemination Technician ● Farrier ● Livestock Hauler * <p style="text-align: center;">Range \$42,300-50,800</p>	<ul style="list-style-type: none"> ● Biotechnology Lab Technical Assistant ● Research Technician <p style="text-align: center;">Range \$31,800-45,200</p>	<ul style="list-style-type: none"> ● Sanitation Coordinator ● Propane and Fuel Transporter <p style="text-align: center;">Range \$42,400-71,100</p>	<ul style="list-style-type: none"> ● Lab Technician ● Sanitation Processor ● Evisceration Processor ○ <p style="text-align: center;">Range \$37,800-62,400</p>	<ul style="list-style-type: none"> ● Soil Testing Technician ● Custom Applicator * ● Crop Scout <p style="text-align: center;">Range \$35,200-60,100</p>	<ul style="list-style-type: none"> ● Service Technician ○* ● Diesel Mechanic ○* ● Welder ○* <p style="text-align: center;">Range \$37,400-63,600</p>
Registered Apprenticeship		<ul style="list-style-type: none"> ● Dairy Grazier <p style="text-align: center;">Range \$23,200-51,550</p>		<ul style="list-style-type: none"> ● Wastewater Treatment Plant Operator ○* ● Arborist ○ ● Environmental Systems Technician and HVAC Installer Technician * <p style="text-align: center;">Range \$41,000-69,100</p>	<ul style="list-style-type: none"> ● Maintenance Mechanic/Journeyworker <p style="text-align: center;">Range \$46,200-69,400</p>	<ul style="list-style-type: none"> ● Organic Vegetable Farm Manager <p style="text-align: center;">Range \$29,200-41,600</p>	<ul style="list-style-type: none"> ● Heavy Equipment Operator and Operating Engineer ○* ● Maintenance Technician * ● Welder-Fabricator ○* <p style="text-align: center;">Range \$46,900-70,500</p>
Associate Degree	<ul style="list-style-type: none"> ● Supply Chain Associate * ● Agricultural Salesperson ● Agricultural Information Technology Programmer * <p style="text-align: center;">Range \$71,700-107,600</p>	<ul style="list-style-type: none"> ● Veterinary Technician ○* ● Breeding Manager ○ ● Companion Animal Trainer <p style="text-align: center;">Range \$36,400-63,500</p>	<ul style="list-style-type: none"> ● Biotechnology Research Associate * ● Biotechnology Laboratory Technician ● BioFuels Technician <p style="text-align: center;">Range \$37,300-95,300</p>	<ul style="list-style-type: none"> ● Environmental Protection Technician * ● Forest and Conservation Technician ○ ● Environmental Engineering Technologist <p style="text-align: center;">Range \$33,300-76,400</p>	<ul style="list-style-type: none"> ● Quality Assurance Specialist ● HACCP Coordinator ● Storage and Hygiene Coordinator <p style="text-align: center;">Range \$46,200-69,400</p>	<ul style="list-style-type: none"> ● Seed Sales ● Nutrient Manager ● Shipping Coordinator * <p style="text-align: center;">Range \$34,400-69,600</p>	<ul style="list-style-type: none"> ● Service Manager ● Fabrication Technician * ● Power Systems Engineer * <p style="text-align: center;">Range \$42,800-99,500</p>
Bachelor Degree and beyond	<ul style="list-style-type: none"> ● Agricultural Marketer/Communicator ● Agricultural Lender ● Agricultural Educator ○* ● Agricultural Lawyer <p style="text-align: center;">Range \$72,200-112,800</p>	<ul style="list-style-type: none"> ● Feed Specialist/Nutritionist * ● Geneticist ○ ● Veterinarian ○* <p style="text-align: center;">Range \$77,100-115,600</p>	<ul style="list-style-type: none"> ● Geneticist ○ ● Embryologist ● Biochemist ○ <p style="text-align: center;">Range \$57,400-139,100</p>	<ul style="list-style-type: none"> ● Environmental Manager ● Environmental Engineer ○ ● Forester ○ ● Water/Wastewater Engineer ○ <p style="text-align: center;">Range \$58,500-130,100</p>	<ul style="list-style-type: none"> ● Food Scientist ○ ● Meat Inspector ○* ● Supply Chain Coordinator * <p style="text-align: center;">Range \$57,900-86,600</p>	<ul style="list-style-type: none"> ● Precision Agriculture Specialist * ● Safety Specialist ● Crop Specialist/Agronomist ○* <p style="text-align: center;">Range \$50,400-75,600</p>	<ul style="list-style-type: none"> ● Precision Equipment Specialist * ● Agricultural Engineer ○* ● Geographic Information System Specialist ○* <p style="text-align: center;">Range \$57,100-106,600</p>
Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options	Click HERE for Postsecondary Options

* BRIGHT OUTLOOK = these jobs are expected to grow in the future – which means more opportunities for you! ○ XELLO = you can learn more and save this job in your Xello account (note: some job titles might look a little different in Xello)

Note: Educational requirements for some jobs may vary based on individual employer requirements



Agriculture, Food, and Natural Resources Career Pathway: Food Products and Processing Systems

At Gresham High School

Your Academic and Career Plan (ACP) for this career pathway starts here.

Use this page to determine which classes and activities you will take to prepare for this career pathway. Record your plan in XELLO.



Career and Technical Education Courses

Must include a sequence of at least TWO Career and Technical Education courses. Should align with CTE standards for the pathway:

- Beginning Foods
- Exploring Foods
- Food Science

CAREER EXPLORATION PROGRAMS

Additional Employer Recommended Courses

State:

- WI DNR
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Regional:

- [Farm WI Discovery Center](#)
- [Inspire WI](#)

Career and Technical Student Organization

[Wisconsin FFA Organization](#)
[National FFA Organization](#)

Work-Based Learning Program Options

- Youth Apprenticeship (450 hrs/year; 1-2 years)
- Local Work Based Learning Program

Local:

-
-

Industry Recognized Credential Options
Learn the skills that employers want to see!
Italics = must be 18 years old to obtain

Agribusiness Systems	Animal Systems	Biotechnology Systems	Environmental & Natural Resource Systems	Food Products & Processing Systems	Plant Systems	Power, Structural, & Technical Systems

College Credit Opportunities
You can find the list of college credit opportunities included in the postsecondary options for this pathway [HERE](#).

College Courses Offered at Your High School	
Transcripted Credit	AP and/or IB Courses
College Courses You Can Take at a College Campus	
Application Deadlines:	
October 1st: Spring Courses	February 1st: Summer Courses (ECCP only) March 1st: Fall Courses
Start College Now	Early College Credit Program