



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



|  |  |  |                       |  |                                    |               |   |
|--|--|--|-----------------------|--|------------------------------------|---------------|---|
| <b>Career and Technical Education Courses</b>  | Must include a sequence of at least TWO Career and Technical Education courses. Should align with CTE standards for the pathway: <ul style="list-style-type: none"> <li>• Horticulture</li> <li>• Plant Science</li> <li>• Introduction to Forestry</li> </ul> |  |                       |  |                                    |               | <b>CAREER EXPLORATION PROGRAMS</b>  |
| <b>Additional Employer Recommended Courses</b>   |  |  |                       |  |                                    |               | State: <ul style="list-style-type: none"> <li>• WI DNR</li> <li>•</li> </ul> Regional: <ul style="list-style-type: none"> <li>• <a href="#">Farm WI Discovery Center</a></li> <li>• <a href="#">Inspire WI</a></li> </ul> |
| <b>Career and Technical Student Organization</b>   | <a href="#">Wisconsin FFA Organization</a><br><a href="#">National FFA Organization</a>  |  |                       |  |                                    |               |   |
| <b>Work-Based Learning Program Options</b>   | <ul style="list-style-type: none"> <li>• <a href="#">Youth Apprenticeship</a> (450 hrs/year; 1-2 years)</li> </ul>   |  |                       |  |                                    |               | Local: <ul style="list-style-type: none"> <li>•</li> <li>•</li> </ul>   |
| <b>Industry Recognized Credential Options</b><br>Learn the skills that employers want to see!<br><br><i>Italics = must be 18 years old to obtain</i>                           | Agribusiness Systems   | Animal Systems   | Biotechnology Systems | Environmental & Natural Resource Systems | Food Products & Processing Systems | Plant Systems | Power, Structural, & Technical Systems  |
|  |  |  |                       |  |                                    |               |   |
| <b>College Credit Opportunities</b><br><br>You can find the list of college credit opportunities included in the postsecondary options for this pathway <a href="#">HERE</a> . | 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:   |  |  |                       |  |                                    |               |   |
| Start College Now<br>NWTC Horticulture   |  | October 1st: Spring Courses      February 1st: Summer Courses (ECCP only)      March 1st: Fall Courses<br><br>Early College Credit Program |                       |  |                                    |               |   |