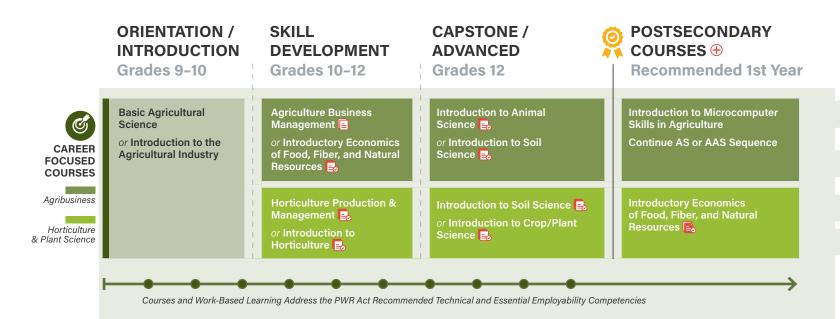
Model Programs of Study Guide:

Agriculture, Food, and **Natural Resources**





WORK-BASED **LEARNING** Career Exploration (2) Team-Based Challenge* or FFA Career **Development Event**

Team-Based Challenge* or FFA Career Development Event Supervised Agricultural Experience or Youth Apprenticeship

Team-Based Challenge Supervised Agricultural Experience or Apprenticeship

* May be offered through Career and Technical Student Organizations (CTSOs) including Illinois Association of Agricultural Education (FFA) and Science Olympiad



Science Sequence

Science Sequence

Biology >> or General Biology for Non-Majors 🗐

Chemistry or Science Sequence

SOCIAL SCIENCE

Social Science Sequence

Social Science Sequence

Microeconomics >>

Microeconomics 🕞 or Macroeconomics or Social Science Sequence

√x MATH

Algebra/Geometry

Geometry/Algebra 2 **General Education Math** or Transitional Math: Quantitive **Literacy Statistics**

General Education Math or Statistics



English Sequence

English Sequence

English Composition >> = or Transitional English

English Composition or Oral Communication









Dual Credit Course Affiliated With IAI Code



Industry Credential



with IAI Code

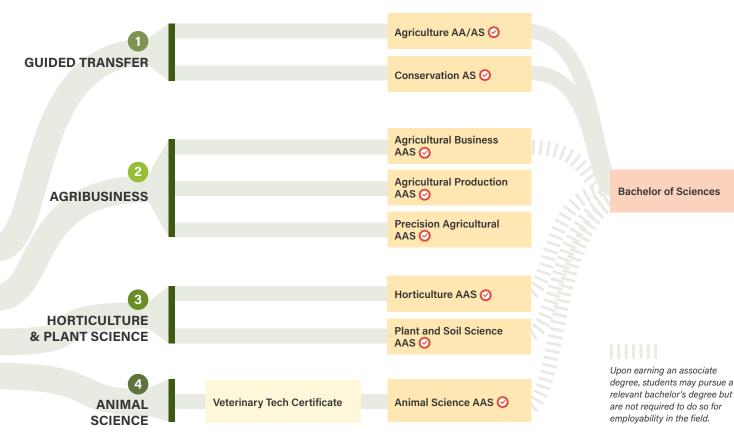


Earned

Pathway Endorsement

If courses in this column were accomplished through early college credit, students should take the next required course in the sequence or, if none, additional AAS or Major Courses

POSTSECONDARY OPTIONS



SELECTED OCCUPATIONS, WAGES, & JOB GROWTH

	Program	Typical Job	Near or Above Living Wage Threshold for 1 Adult + 1 Child ¹	Median Hourly Wage ²	Growth in IL: Annual Job Openings ²	Growth in IL: % Change Over 10 years ²	Stackable?
	Guided Transfer	Soil and Water Conservationist/ Conservation Scientists	Υ	\$ 29.43	70	5%	- Typically Stacks to Required Bachelor's - Degree
1		Agricultural Inspectors	Υ	\$25.52	50	8%	
		First-Line Supervisors of Animal Husbandry & Animal Care Workers	Υ	\$23.43	70	3%	
	Agribusiness	Precision Agriculture Technicians	Y	\$24.07	440	8%	Not Typically Stackable
		Farm and Ranch Managers	Υ	\$29.61	4,390	1%	
		First-Line Supervisors of Farming, Fishing, & Forestry Workers	Υ	\$23.43	70	3%	
2		Farm Equipment Mechanics and Service Technicians	Y	\$22.31	170	9%	
		Agricultural Sales	Y	\$28.19	7,990	8%	
		First-Line Supervisor of Agricultural Crop Workers	Υ	\$23.43	70	30%	
	Horticulture & Plant Science	First-Line Supervisor of Horticultural Workers	Y	\$23.43	70	30%	Typically Stacks to Related Bachelor's Program at Select IL Universities or with Additional Coursework
3		Nursery and Greenhouse Managers	Υ	\$29.61	4,390	1%	
		Soil and Plant Scientist	Y	\$26.57	60	11%	

- 1. Living wage calculations are based on: Glasmeier, Amy K. Living Wage Calculator. 2020. Massachusetts Institute of Technology. livingwage.mit.edu. As of January 2021 for the state of Illinois, the "Living Wage" for 1 Adult + 1 Child equaled \$26.27/hour and "near," defined as 85% of that statewide living wage, was \$22.33/hour. In March of 2021, the Living Wage calculator updated its calculations for Illinois, but information presented in this guide reflects the wage levels as of January 2021, when the project team conducted its analysis.
- 2. U.S. Department of Labor, CareerOnestop (careeronestop.org/explorecareers), Illinois Department of Employment Security Virtual Labor Market Information (www2.illinois.gov/ides)