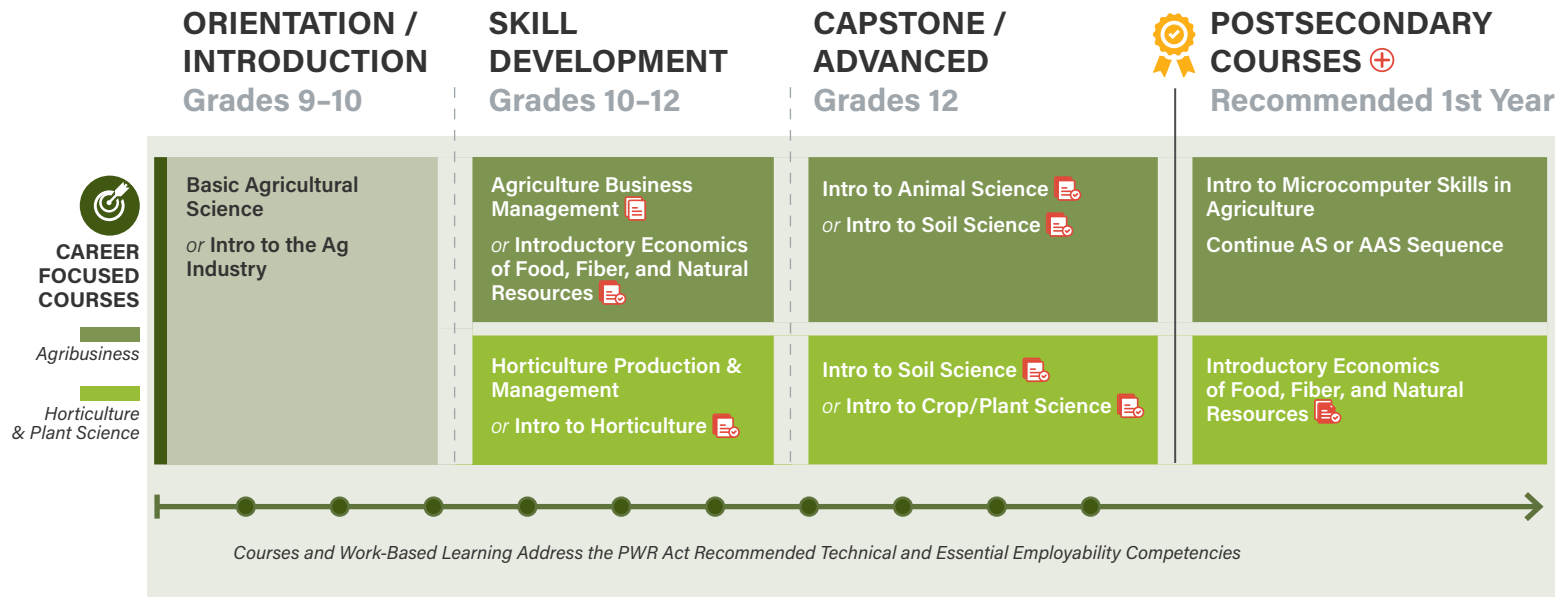
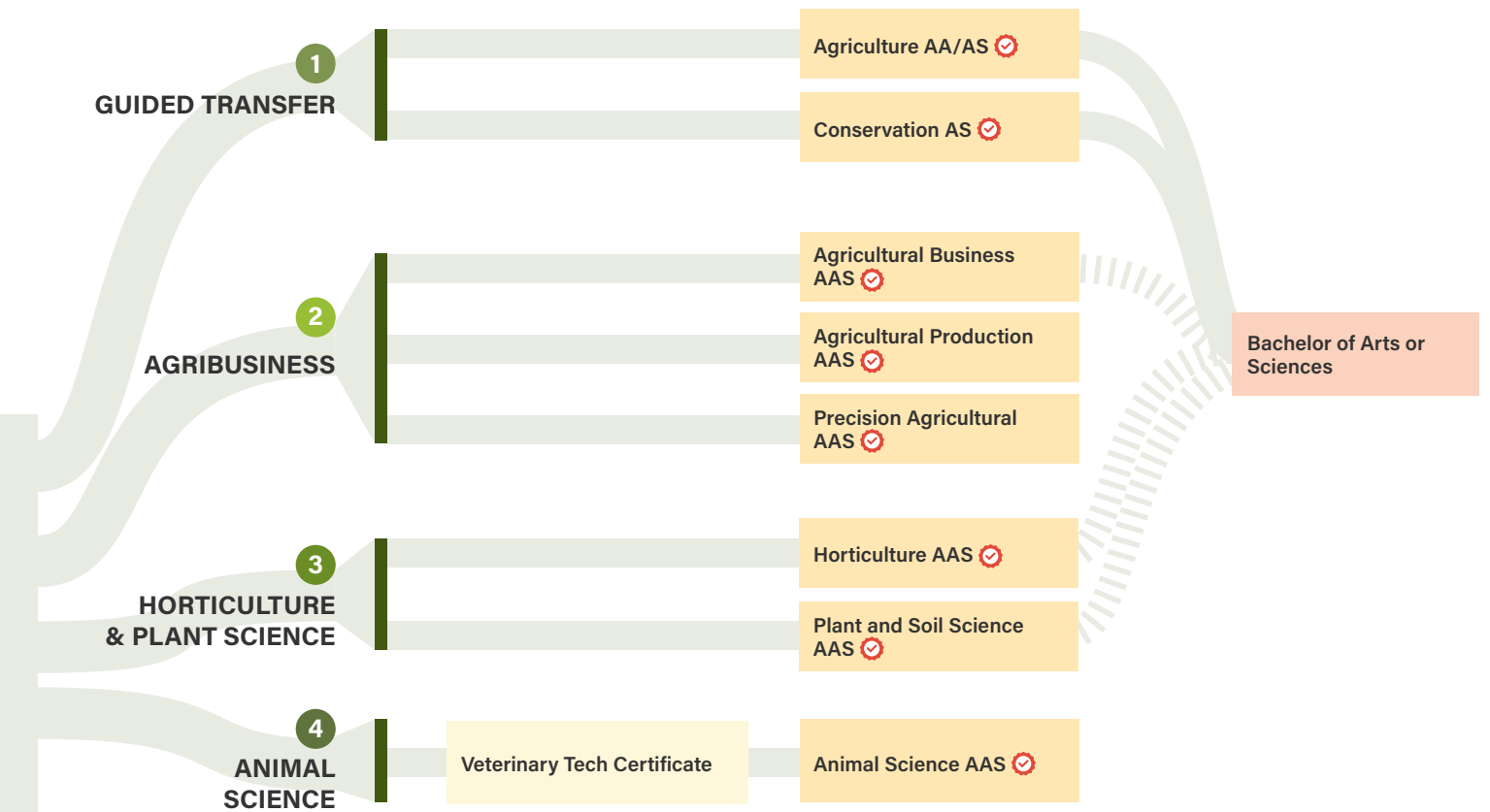


# Model Programs of Study Guide: Agriculture, Food, and Natural Resources



## POSTSECONDARY OPTIONS



WORK-BASED LEARNING	Career Exploration (2) * Team-Based Challenge *	Team-Based Challenge * Supervised Agricultural Experience <i>or</i> Youth Apprenticeship	Team-Based Challenge Supervised Agricultural Experience <i>or</i> Apprenticeship
SCIENCE	Science Sequence	Science Sequence	Biology » <i>or</i> General Biology for Non-Majors
SOCIAL SCIENCE	Social Science Sequence	Social Science Sequence	Microeconomics »
MATH	Algebra/Geometry	Geometry/Algebra 2	General Education Math <i>or</i> Transitional Math: Quantitive Literacy Statistics
ENGLISH	English Sequence	English Sequence	English Composition » <i>or</i> Transitional English

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

## SELECTED OCCUPATIONS, WAGES, & JOB GROWTH

Program	Typical Job	Near or Above Living Wage Threshold for 1 Adult + 1 Child <sup>1</sup>	Median Hourly Wage <sup>2</sup>	Growth in IL: Annual Job Openings <sup>2</sup>	Growth in IL: % Change Over 10 years <sup>2</sup>	Stackable?
1 Guided Transfer	Soil and Water Conservationist/ Conservation Scientists	Y	\$ 29.43	70	5%	Typically Stacks to Required Bachelor's Degree
	Agricultural Inspectors	Y	\$25.52	50	8%	
	First-Line Supervisors of Animal Husbandry & Animal Care Workers	Y	\$23.43	70	3%	
2 Agribusiness	Precision Agriculture Technicians	Y	\$24.07	440	8%	Not Typically Stackable
	Farm and Ranch Managers	Y	\$29.61	4,390	1%	
	First-Line Supervisors of Farming, Fishing, & Forestry Workers	Y	\$23.43	70	3%	
	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	Y	\$23.43	70	30%	
3 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
	Nursery and Greenhouse Managers	Y	\$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](http://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](http://careeronestop.org/explorecareers)), Illinois Department of Employment Security Virtual Labor Market Information ([www2.illinois.gov/ides](http://www2.illinois.gov/ides))

AP or Dual Credit  
 Dual Credit Course  
 Dual Credit Course Affiliated With IAI Code  
 Course or Program Prepares for Industry Credential  
 Postsecondary Course Affiliated with IAI Code  
 College and Career Pathway Endorsement Earned  
 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