

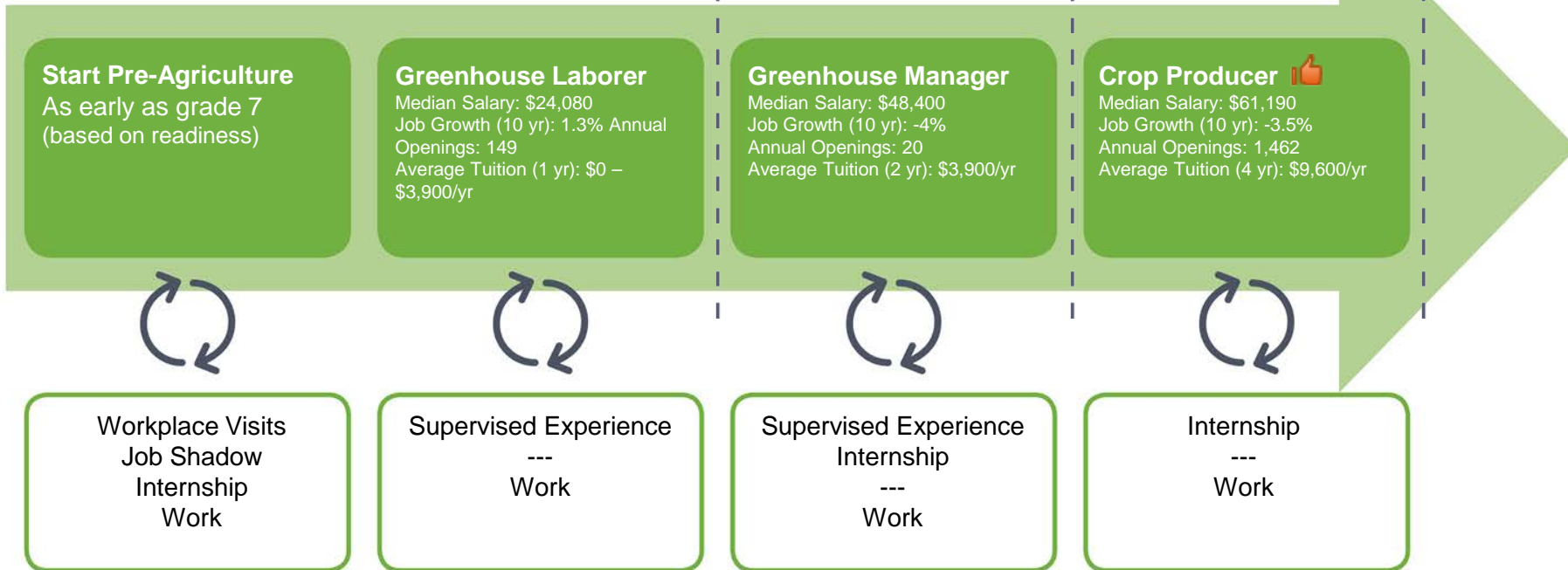


Agriculture and Environmental Systems Career Pathway

Certificate

Associate Degree,
Crop Management

Bachelor's Degree,
Agronomy



Provided by middle schools, high schools, employers, Ohio Tech Centers, and colleges.

Preparing students for multiple options after high school:
gainful employment and/or postsecondary study.

Ohio In-demand Occupations

Data reflects 2014 Ohio labor statistics and public institutions of higher education for 2013-2014. For specific tuition costs, visit ohiohighered.org.



Agriculture and Environmental Systems Career Pathway

Secondary Pathway: Horticulture

Postsecondary Program: Horticultural Science

An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Physical Science	Social Studies	Fine Arts	Ag, Food, & Natural Resources	Animal & Plant Science	
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Greenhouse & Nursery Management	Agronomic Systems	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Business Management	World Languages		
	12	English IV	Trigonometry/ Calculus	Anatomy & Physiology	U.S. Government	Ag Econ, International/ Commodities	A&E Capstone		
Postsecondary	Year 1 1st Semester	English I	Soil Science	Agriculture Survey	Animal Agriculture				
	Year 1 2nd Semester	English II	Technical Math	Biology	Soil Fertility	Ag Elective	Agri-Business Co-Op		
	Year 2 1st Semester	Public Speaking	Sales Management	Business Management	Plant Pests	Crop Production			
	Year 2 2nd Semester	Agriculture Seminar	Ag Marketing & Trade	Pest Management	Equipment Management	Humanities/ Social Science Elective			

High School Career-Technical Education Program Courses

High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses

Required Courses

Recommended Electives

Visit education.ohio.gov/CareerConnections for reference information.

Course titles and sequences will vary between schools.

11/2014