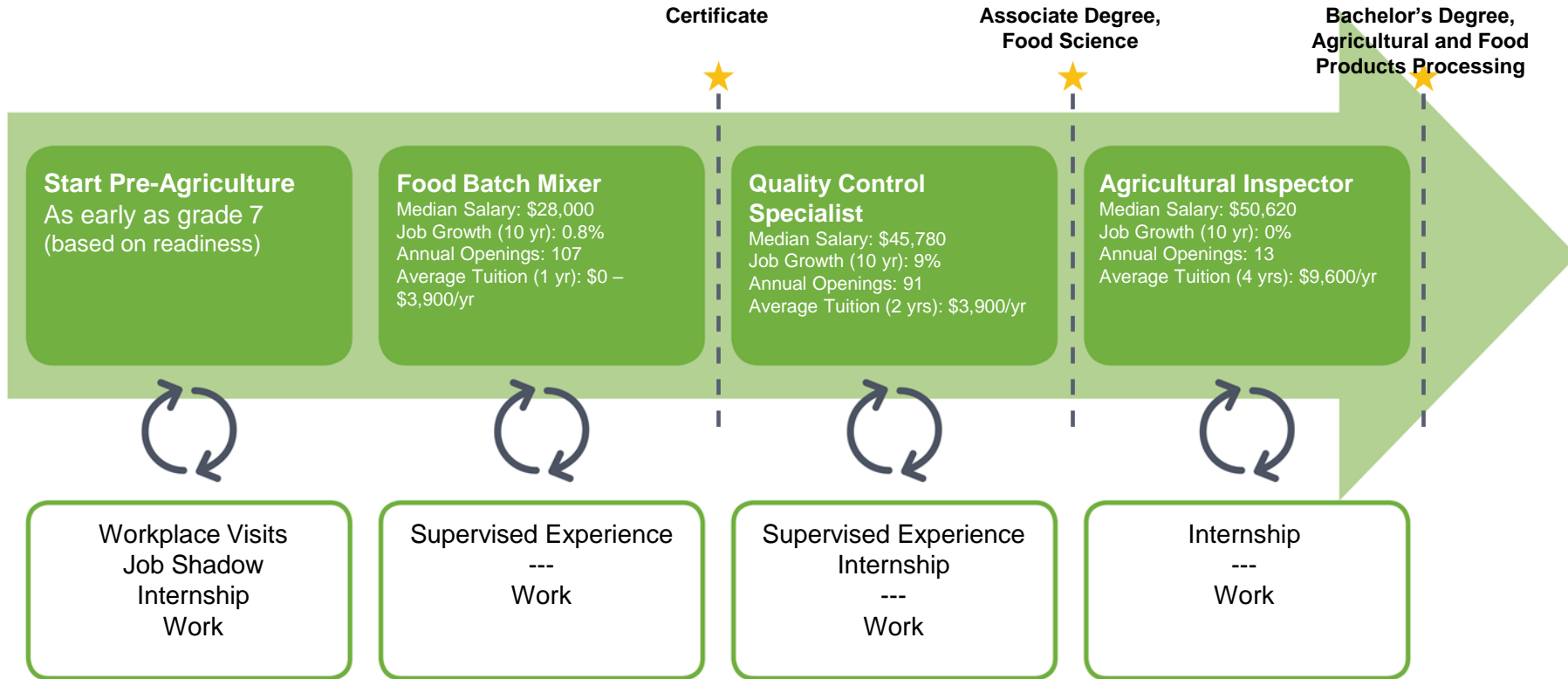




Agriculture and Environmental Systems Career Pathway



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: **Food Science and Technology**

Postsecondary Program: **Food Science and Technology**

An Example of Courses with Secondary and Postsecondary Credits

Secondary	9	English 9	Algebra I	CPE Science	U.S. History	Health Found. of PE	Music	World Languages	
	10	English 10	Geometry	Biology	Non—Western Studies World History	Phys. Ed. Financial Lit .	Music	World Languages	
	11	English 11	Algebra II-Trig.	Chemistry	AP U.S. Government	Human Growth and Development	Music	World Languages	
	12	College Comp I College Comp 2	AP Statistics.	Biology II Anatomy	Gen Psych Econ.	Foods/Culinary Nutrition/Welln.	Music	AP World Lagnuage	

Postsecondary	Year 1 1st Semester	Intro to Logic	Food Science	Chemistry I	Human Nutrition	Anatomy & Physiology	Intro to College Seminar		
	Year 1 2nd Semester	Public Speaking	Food Safety	Chemistry II	Biology I	Food Regulations	Abnormal Psychology		
	Year 2 1st Semester	Intro to Ethics	Advanced Statistics	Advanced Food Science	Microbiology	Sensory Evaluation	Food Sci Seminar		
	Year 2 2nd Semester	Product Development	HACCP Safety Training	Food Chemistry	Product Processing	Food Production	Senior Capstone		

High School Career-Technical or Career Related Education Program Courses and the Corresponding Postsecondary 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.

1/2016