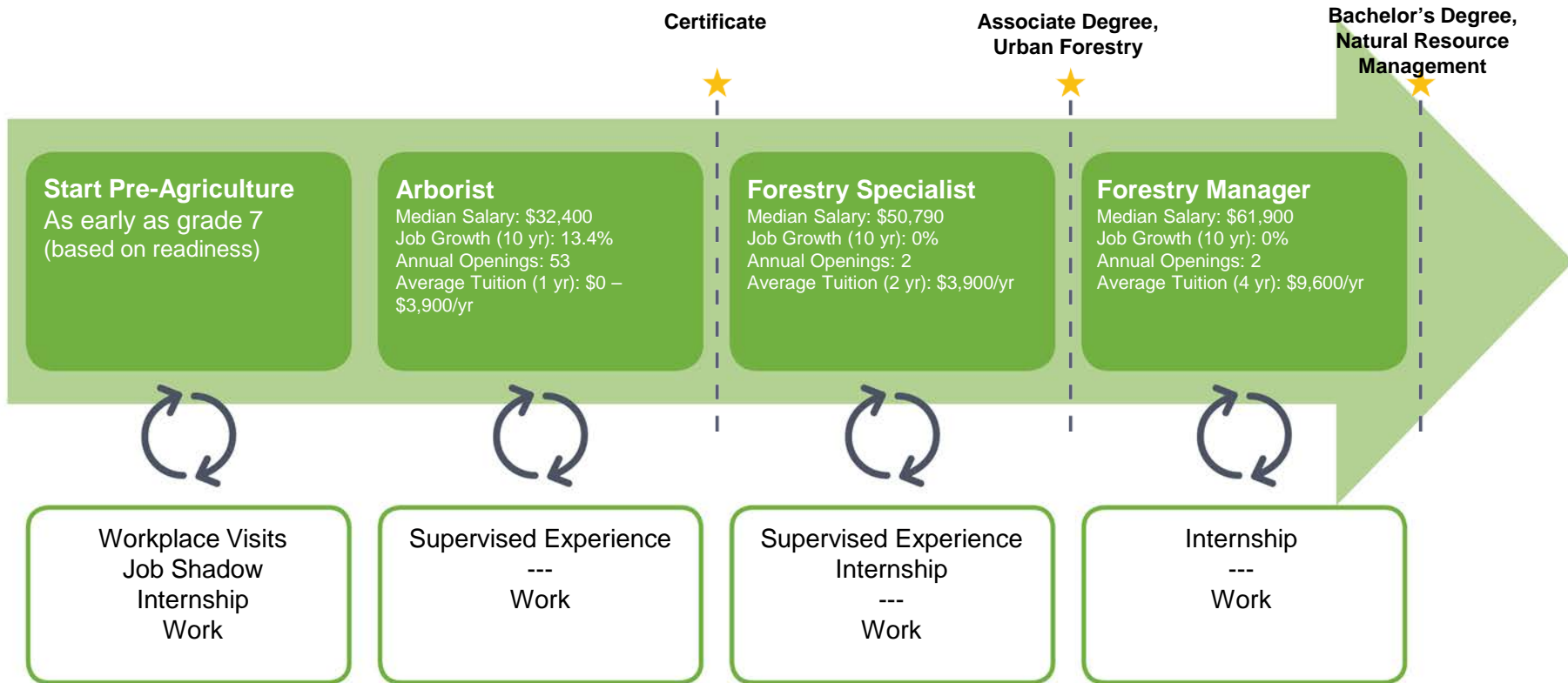




Agriculture and Environmental Systems Career Pathway



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: **Natural Resource Management**

Postsecondary Program: **Urban Forestry**

An Example of Courses with Secondary and Postsecondary Credits

Secondary	7 8	English I	Algebra I	Science	Social Studies	Fine Arts	Ag, Food, & Natural Resources		
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Environmental Science	Natural Resources	World Languages
	11	English III	Algebra II	Chemistry	U.S. History	Forestry & Woodland Ecosystems	World Languages		
	12	English IV	Trigonometry/ Calculus	Physics	U.S. Government	Urban Forestry	Environmental Systems Management		
Postsecondary	Year 1 1st Semester	English Composition	College Algebra	Computer Systems	Intro to Horticulture	Horticultural Botany	Humanities Elective		
	Year 1 2nd Semester	Chemistry	Algebra II	Arboriculture	Plant Identification & Selection I	Landscape Construction	Tree Care Co-Op I		
	Year 2 1st Semester	Communication	Intro to Business	Soil & Horticulture Management	Plant Identification & Selection II	Occupational Regulations & Safety	Irrigation Design & Maintenance		
	Year 2 2nd Semester	Professional Selling Techniques	Environmental Earth Science	Urban Forestry	Principles of Pest Management	Social Sciences Elective	Tree Care Co-Op II		

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.

5/2016