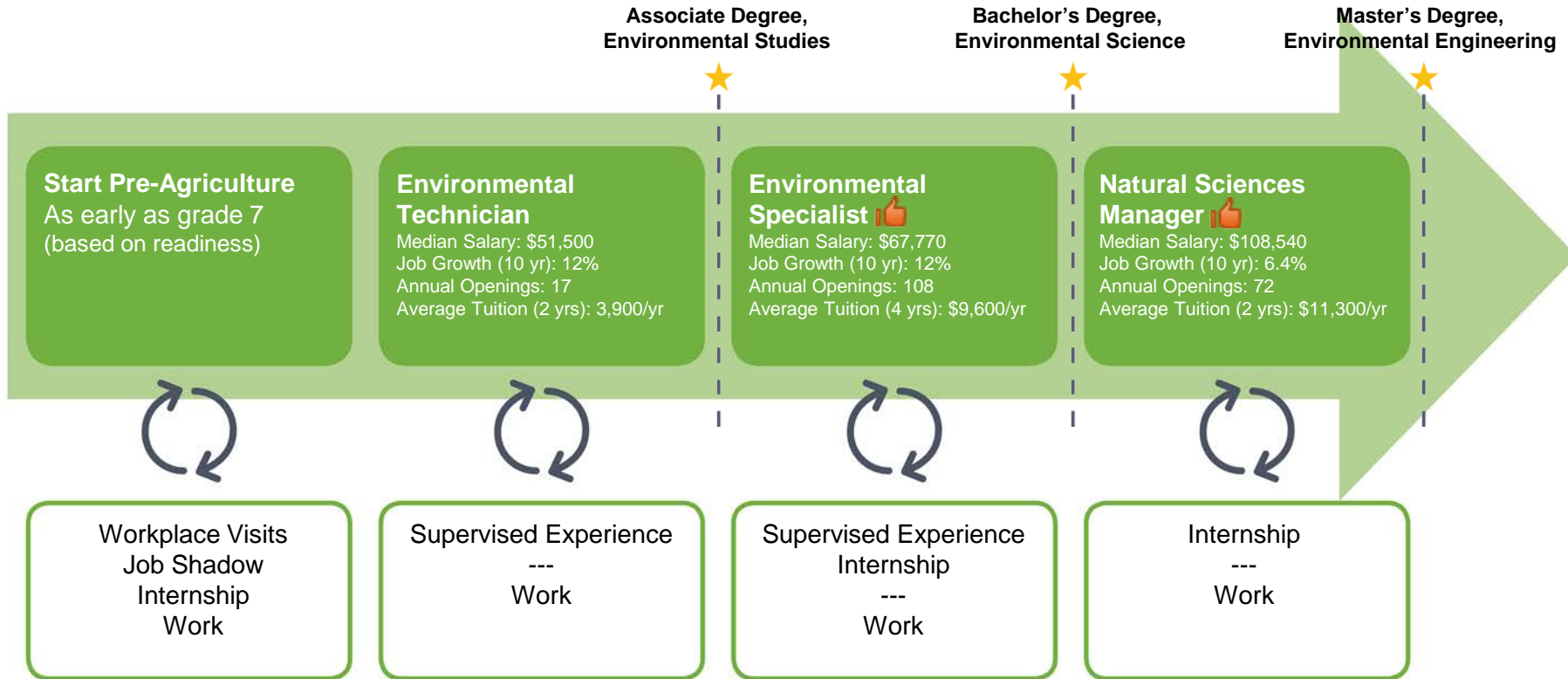




# Agriculture and Environmental Systems Career Pathway



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](http://ohiohighered.org).



# Agriculture and Environmental Systems Career Pathway

Secondary Pathway: Natural Resource Management

Postsecondary Program: Environmental 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	Natural Resources	
	9 10	English II	Geometry	Biology	World History	Health (.5) PE (.5)	Environmental Science	World Languages	
	11	English III	Algebra II	Chemistry	U.S. History	Environmental Systems Management	Forestry & Woodland Ecosystems	World Languages	
	12	English IV	Trigonometry/ Calculus	Physics	U.S. Government	Park & Recreational Management	Urban Forestry		
Postsecondary	Year 1 1st Semester	English Composition I	Biology I	College Algebra	Intro to Environmental Science	Environmental Laws & Regulations	Health & Safety for Water Operation		
	Year 1 2nd Semester	Technical Writing	Chemistry I	Physical Geology	Environmental Aspects of Soils	Environmental Site Assessment	Pollution Control	Drinking Water Treatment	
	Year 2 1st Semester	Introduction to Psychology	Hazardous Materials Management	Environmental Hydrology	Environmental Sampling	Safety & Loss Prevention	OSHA General Industrial Safety & Health		
	Year 2 2nd Semester	Cultural Anthropology	Environmental Analytical Methods	Applied Environmental Engineering	Air Pollution & Monitoring	Environmental Restoration			

### 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](http://education.ohio.gov/CareerConnections) for reference information.

Course titles and sequences will vary between schools.

6/2015