

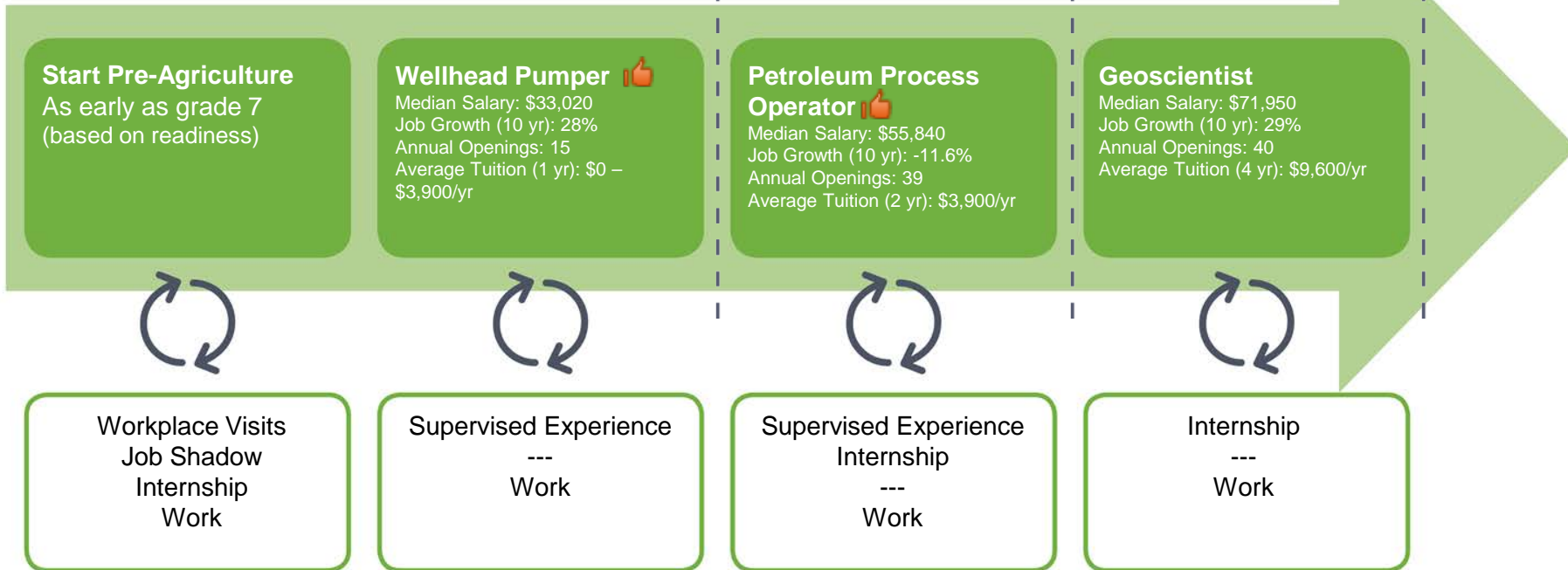


Agriculture and Environmental Systems Career Pathway

Certificate

Associate Degree,
Natural Resources

Bachelor's Degree,
Geology/Earth Science



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: Natural Resources

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)	Energy Systems Management	World Languages	
	11	English III	Algebra II	Chemistry	U.S. History	Environmental Science for Agriculture	Environmental Systems Management	World Languages	
	12	English IV	Trigonometry/ Calculus	Physics	U.S. Government	Oil & Gas Operations	A & E Systems Capstone		
Postsecondary	Year 1 1st Semester	English Composition	Algebra	Environmental Science	College Orientation	Humanities Elective			
	Year 1 2nd Semester	American History	Chemistry I	Soil Science	Society & Natural Resources	Communicating Environmental Information			
	Year 2 1st Semester	World Literature	Bio Science	Rural Sociology	Data Analysis in Sciences	Food & Resource Economics			
	Year 2 2nd Semester	Ecology	Chemistry II	Geographic Information Systems	Environmental Policy	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.

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