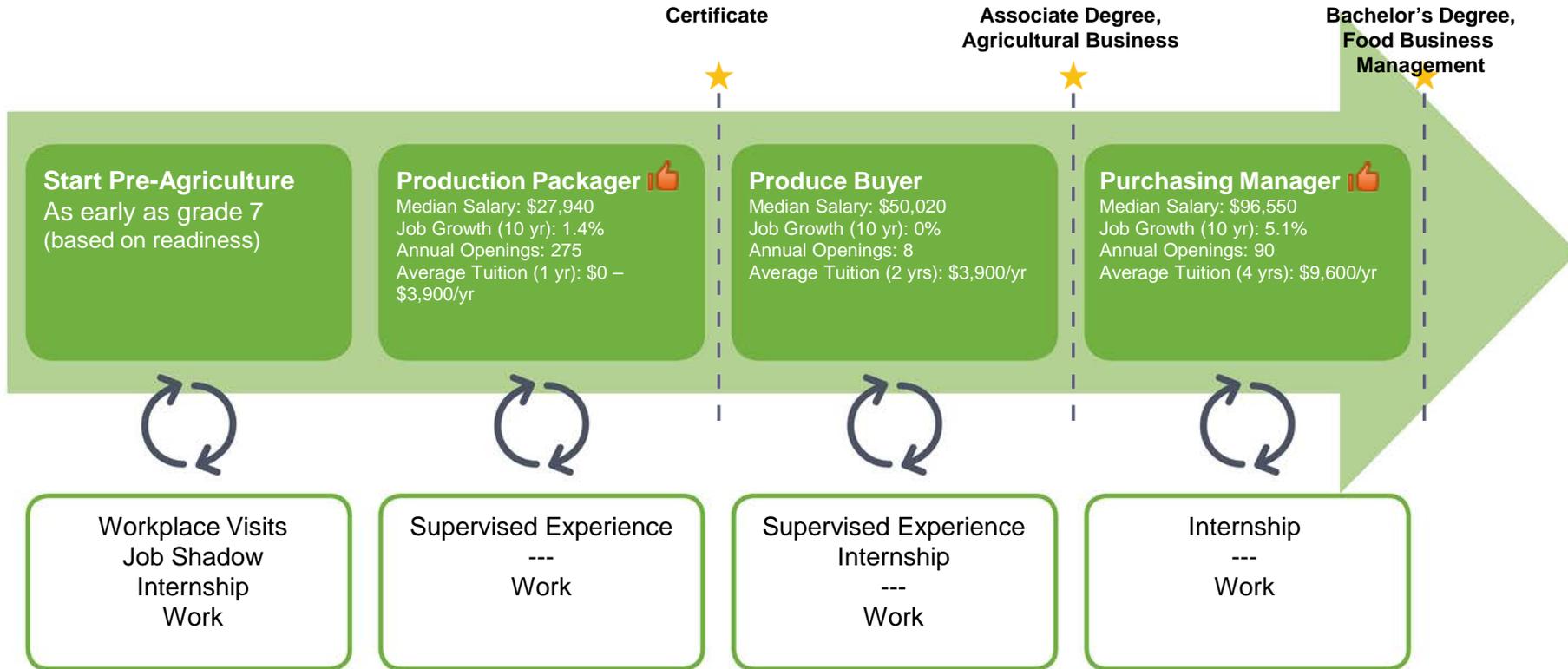




Agriculture and Environmental Systems Career Pathway



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: Agribusiness and Production Systems

Postsecondary Program: Agricultural Business

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) | Animal & Plant Biotechnology | World Languages | |
| | 11 | English III | Algebra II | Chemistry | U.S. History | Livestock Selection, Nutrition & Mgt | Science & Technology of Food | World Languages | |
| | 12 | English IV | Trigonometry/Calculus | Anatomy & Physiology | U.S. Government | Business Management for A & E | Agronomic Systems | Global Economics & Food Markets | |
| Postsecondary | Year 1 1st Semester | English Composition | Exploring Business | Personal Selling | U.S. History | College Orientation | Food & Resource Economics | | |
| | Year 1 2nd Semester | Agricultural Communication | College Algebra | Chemistry | Management Records & Analysis | Human Resources Management | | | |
| | Year 2 1st Semester | World Literature | Business Calculus | Bioscience | Rural Sociology | Humanities Elective | | | |
| | Year 2 2nd Semester | Marketing | Small Business Management | Business Finance | Microbiology | Agricultural Issues in Society | | | |

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.

9/2015