Agriculture and Environmental Systems Career Pathway

Start Pre-Agriculture
As early as grade 7 (based on readiness)

Water Plant Operator
Median Salary: $43,400
Job Growth (10 yr): 4.4%
Annual Openings: 138
Average Tuition (1 yr): $0 – $3,900/yr

Water Plant Manager
Median Salary: $52,940
Job Growth (10 yr): -0.2%
Annual Openings: 400
Average Tuition (2 yr): $3,900/yr

Utilities Director
Median Salary: $81,100
Job Growth (10 yr): 14%
Annual Openings: 39
Average Tuition (4 yr): $9,600/yr

Workplace Visits
Job Shadow
Internship
Work

Supervised Experience
---
Work

Supervised Experience
Internship
---
Work

Internship
---
Work

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.
# Secondary Pathway: Natural Resource Management

## Postsecondary Program: Environmental Science

### An Example of Courses with Secondary and Postsecondary Credits

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
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<td>English I</td>
<td>Algebra I</td>
<td>Physical Science</td>
<td>Social Studies</td>
<td>Fine Arts</td>
<td>Ag, Food, &amp; Natural Resources</td>
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<td></td>
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<td></td>
<td></td>
<td>Natural Resources</td>
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<tr>
<td>9</td>
<td>1st</td>
<td>English II</td>
<td>Geometry</td>
<td>Biology</td>
<td>World History</td>
<td>Health (.5) PE (.5)</td>
<td>Environmental Science</td>
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<tr>
<td>11</td>
<td></td>
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<td>Algebra II</td>
<td>Chemistry</td>
<td>U.S. History</td>
<td>Environmental Systems Management</td>
<td>World Languages</td>
</tr>
</tbody>
</table>

### High School Career-Technical Education Program Courses

#### High School Courses for Postsecondary Credit (Including Apprenticeship Hours) and the Corresponding Postsecondary Courses

<table>
<thead>
<tr>
<th>Course Title</th>
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<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>Year 1 1st Semester</td>
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<tr>
<td>Year 1 2nd Semester</td>
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<tr>
<td>Year 2 1st Semester</td>
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<tr>
<td>Year 2 2nd Semester</td>
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</tbody>
</table>

Visit education.ohio.gov/CareerConnections for reference information.

Course titles and sequences will vary between schools.

2/2015