Agriculture and Environmental Systems Career Pathway

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

Livestock Laborer
Median Salary: $24,210
Job Growth (10 yr): -3.3%
Annual Openings: 84
Average Tuition (1 yr): $0 – $3,900/yr

Livestock Manager
Median Salary: $48,400
Job Growth (10 yr): -4%
Annual Openings: 20
Average Tuition (2 yr): $3,900/yr

Livestock Producer
Median Salary: $61,190
Job Growth (10 yr): -3.5%
Annual Openings: 1,462
Average Tuition (4 yr): $9,600/yr

Workplace Visits
Job Shadow
Internship
Work

Supervised Experience
--- Work

Supervised Experience
Internship
--- Work

Internship
--- Work

Certificate

Associate Degree, Agricultural Business

Bachelor's Degree, Agricultural Systems Management

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: Animal Science and Management

### Postsecondary Program: Livestock Management

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

<table>
<thead>
<tr>
<th>Year</th>
<th>1st Semester</th>
<th>2nd Semester</th>
<th>3rd Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 &amp; 8</td>
<td>English I, Algebra I, Physical Science, Social Studies, Fine Arts</td>
<td>Animal &amp; Plant Science</td>
<td>Ag, Food, &amp; Natural Resources</td>
</tr>
<tr>
<td>9 &amp; 10</td>
<td>English II, Geometry, Biology, World History, Health (.5), PE (.5), Livestock Selection, Nutrition, &amp; Mgt</td>
<td>World Languages</td>
<td></td>
</tr>
</tbody>
</table>

#### High School Career-Technical Education Program Courses

<table>
<thead>
<tr>
<th>Course Titles</th>
<th>Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical Writing</td>
<td>Technical Math</td>
</tr>
<tr>
<td>Business Communication</td>
<td>Social Science Elective</td>
</tr>
<tr>
<td>Livestock Genetics</td>
<td>Small Animal Production</td>
</tr>
<tr>
<td>Ruminant Nutrition</td>
<td>Farm Business Management</td>
</tr>
</tbody>
</table>

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

Course titles and sequences will vary between schools.

11/2014