Fruit, Vegetable, & Organic Horticulture Management

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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<tbody>
<tr>
<td>FALL 1st Semester</td>
<td></td>
</tr>
<tr>
<td>AT 045 Agricultural Communications*</td>
<td>2</td>
</tr>
<tr>
<td>AT 071 or 102 Tech Math / Turf &amp; Landscape Calc*</td>
<td>2</td>
</tr>
<tr>
<td>CSS 110 Computer Applications in Agronomy</td>
<td>2</td>
</tr>
<tr>
<td>HRT 109 Introduction to Applied Plant Science</td>
<td>2</td>
</tr>
<tr>
<td>HRT 207 Horticulture Career Development</td>
<td>1</td>
</tr>
<tr>
<td>Core and/or Electives (fewer credits if full-time status not required)</td>
<td>3</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
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<tr>
<td>SPRING 2nd Semester</td>
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</tr>
<tr>
<td>ENT 111 Basics of Applied Entomology</td>
<td>2</td>
</tr>
<tr>
<td>HRT 206 Training &amp; Pruning Plants</td>
<td>1</td>
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<tr>
<td>HRT 218 Irrigation Systems for Horticulture</td>
<td>3</td>
</tr>
<tr>
<td>PLP 105 Fundamentals of Applied Plant Pathology</td>
<td>2</td>
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<td>Core and/or Electives (fewer credits if full-time status not required)</td>
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<td><strong>Total</strong></td>
<td><strong>12</strong></td>
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<tr>
<td>SUMMER</td>
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<tr>
<td>AT 293 Professional Internship in Ag Tech</td>
<td>3</td>
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<tr>
<td>FALL 3rd Semester</td>
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<td>Core and/or Electives (fewer credits if full-time status not required)</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
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<tr>
<td>SPRING 4th Semester</td>
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<tr>
<td>CSS 210 Fundamentals of Soil Science</td>
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<tr>
<td>Core and/or Electives (fewer credits if full-time status not required)</td>
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<td><strong>Total</strong></td>
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**TOTAL CREDITS REQUIRED FOR GRADUATION = 48**

Choose at least 15 credits from the following Core areas:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Spring &amp; Fall ABM 100 Decision-making in the Agri-Food System</td>
<td>3</td>
</tr>
<tr>
<td>Spring, Sum, Fall ABM 222 Agribusiness and Food Industry Sales (W)</td>
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<tr>
<td>Spring AT 101 Spanish for the Agricultural Industry</td>
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<tr>
<td>Fall HRT 203 Principles of Horticulture</td>
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<tr>
<td>Spring HRT 204 Plant Propagation</td>
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<tr>
<td>Spring HRT 205 Plant Mineral Nutrition</td>
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<tr>
<td>Fall HRT 221 Greenhouse Structures &amp; Management</td>
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<tr>
<td>Spring HRT 242 Passive Solar Greenhouse for Protective Cultivation</td>
<td>1</td>
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<tr>
<td>Spring HRT 243 Organic Transplant Production</td>
<td>1</td>
</tr>
<tr>
<td>Spring HRT 251 Organic Farming Principles &amp; Practices</td>
<td>3</td>
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<tr>
<td>Spring HRT 253 Compost Production &amp; Use</td>
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<tr>
<td>Fall HRT 332 Tree Fruit Production &amp; Management</td>
<td>3</td>
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<tr>
<td>Spring HRT 336 Viticulture &amp; Berry Production</td>
<td>2</td>
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<tr>
<td>Spring HRT 341 Vegetable Production &amp; Management</td>
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Suggested Electives:

<table>
<thead>
<tr>
<th>Courses</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Spring AE 131 Agricultural Water Resource Management</td>
<td>3</td>
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<tr>
<td>Spring AE 143 Application of Precision Agriculture Technologies</td>
<td>3</td>
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<tr>
<td>Spring &amp; Fall AE 151 Fabrication Technology</td>
<td>2</td>
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<tr>
<td>Spring AE 153 Engine and Equipment Technology</td>
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<tr>
<td>Fall ABM 130 Farm Management I</td>
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<tr>
<td>Fall ABM 225 Commodity Marketing I</td>
<td>3</td>
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<tr>
<td>Fall AT 202 Ag Reg, Compliance and Safety</td>
<td>3</td>
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<tr>
<td>Fall CSS 101 Introduction to Crop Science</td>
<td>3</td>
</tr>
<tr>
<td>Fall CSS 101L Introduction to Crop Science Lab</td>
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<tr>
<td>Fall CSS 120 Agricultural Industry Issues</td>
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</tr>
<tr>
<td>Spring &amp; Fall CSS 124 Intro to Sustainable Ag &amp; Food Systems</td>
<td>2</td>
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<tr>
<td>Spring CSS 135 Crop Scouting &amp; Investigation</td>
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<tr>
<td>Spring CSS 181 Pesticide &amp; Fertilizer Application Technology</td>
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</tr>
<tr>
<td>Fall CSS 288 Principles of Weed Management</td>
<td>3</td>
</tr>
<tr>
<td>Spring HRT 404 Horticulture Management</td>
<td>3</td>
</tr>
<tr>
<td>Fall Odd Years HRT 407 Horticulture Marketing</td>
<td>3</td>
</tr>
<tr>
<td>Fall KIN 125 First Aid &amp; Personal Safety</td>
<td>3</td>
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</tbody>
</table>

*Students must demonstrate English and Mathematics proficiency through a placement test, transfer credit, or MSU coursework.*