No questions are asked in the provided text.
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 3023</td>
<td>General Genetics</td>
<td>3</td>
</tr>
<tr>
<td>or ANSI 3423</td>
<td>Animal Genetics</td>
<td></td>
</tr>
<tr>
<td>SOIL 4213</td>
<td>Precision Agriculture</td>
<td>3</td>
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</tbody>
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### Related Courses

Select 4 hours of the following:

- Upper-division PLNT including PLNT 4470
- PLP 3343 Principles of Plant Pathology
- PLP 3553 Fungi: Myths and More
- PLP 3663 Turfgrass Integrated Pest Management
- ENTO 3003 Livestock Entomology
- ENTO 3021 Postharvest, Structural, and Urban Arthropod Pests
- ENTO 3331 Insect Pests of Agronomic Crops
- ENTO 3421 Horticultural Insects
- ENTO 3461 Insects in Forest Ecosystems
- ENTO 4854 Medical and Veterinary Entomology
  or ENTO 4923 Applications of Biotechnology in Pest Management
- SOIL 3433 Soil Genesis, Morphology, and Classification
- SOIL 4363 Environmental Soil Science
- SOIL 4463 Soil and Water Conservation
- SOIL 4483 Soil Microbiology
- SOIL 4683 Soil, Water, and Weather
- SOIL 4893 Environmental Soil Chemistry
- ANSI 1124 Introduction to the Animal Sciences
- ANSI 2123 Livestock Feeding
- ANSI 3543 Principles of Animal Nutrition
- ANSI 3653 Applied Animal Nutrition
- ANSI 4203 Rangeland and Pasture Utilization
- HORT 3113 Greenhouse Management
- HORT 4133 Temperature Stress Physiology
- HORT 4953 Plant Growth and Development
- HORT 4963 Horticulture Physiology
- AST 1413 Introduction to Engineering in Agriculture
- AST 2313 Surveying
- AST 3011 Ag Structures
  or AST 3211 Engines and Power
- AST 3222 Metals and Welding
- AST 4112 Land Measurement and Site Analysis
- AST 4203 Agricultural Water Management
- AST 4213 Safety and Health in Agriculture
- GEOG 2344 Digital Tools for Environmental Exploration (LN)
- GEOG 3023 Climatology (N)
- GEOG 3033 Meteorology (N)
- NREM 3013 Applied Ecology and Conservation
- NREM 3012 Applied Ecology Laboratory
- NREM 3613 Principles of Rangeland Management

### Hours Subtotal

<table>
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<tr>
<th>Total Hours</th>
<th>120</th>
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</table>

**Other Requirements**

- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.

### Additional State/OSU Requirements

- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2027.