Springport High School Agriscience Education
Completer Information

Michigan Department of Education – Career and Technical Education Standard –
01.000 Agriculture, Agriculture Operations and Related Sciences
1. Safety
2. Animal Anatomy & Physiology
3. Animal Genetics and Reproduction
4. Domestic Animal Production
5. Animal Health & Nutrition
6. Plant Anatomy Physiology
7. Soils & Plant Nutrition
8. Plant Culture and Propagation
9. Natural Resource Systems
10. Environmental Service Systems
11. Agricultural Business & Marketing
12. Career Readiness & Leadership

The courses within Springport High School (taught by Agriscience certified staff) that comply with the State Segments:

1 - Biology-Botany - Segments: 1 - 6 - 7 - 8 - 9 - 11 - 12 (Biology credit & elective Science credit for graduation when combined with Biology-Zoology)
2 - Biology-Zoology - Segment: 1 - 2 - 3 - 4 - 5 - 10 (Biology credit & elective Science credit for graduation when combined with Biology-Botany)
3 - Genetics & Ag Research - Segment: Q (Elective Science credit for graduation)
4 - Ag Finance & Leadership - Segment: Q (Math credit when taken as 4th year math requirement for graduation)
5 - Mechanical and Technical Systems - Segments: Q (Art credit for graduation)
6 - Ag Internship - Segment: Q (can be completed only after a student has finished all other segments)
7 - FFA/SAE Lab - Segment: 11 - 12

The State will be keeping track of students in current programs using the following categories: Concentrators are identified after they complete at least 7 segments with a grade of 2.0 or better. These students must complete the assessment at the time they exit the program, if available). Completer’s are students that completes all 12 segments with a grade of 2.0 or better and take the technical skill assessment, if available. Students will receive an endorsement on their diploma.

<table>
<thead>
<tr>
<th>Grade Level:</th>
<th>Core Agriscience Courses and SHS Graduation Requirements</th>
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<tbody>
<tr>
<td>9th Grade Courses</td>
<td>Biology-Botany (Biology credit + 1 elective science credit for graduation w/ Bio-Zoo)</td>
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<tr>
<td>10th Grade Courses</td>
<td>Biology-Zoology (Biology credit + 1 elective science credit for graduation w/ Bio-Bot)</td>
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<tr>
<td>11th Grade Courses (Choose one or more)</td>
<td>Genetics &amp; Ag Research (Elective credit)</td>
</tr>
<tr>
<td>12th Grade Courses (Choose one or more)</td>
<td>Ag Finance &amp; Leadership (4th year Math credit for graduation)</td>
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</tbody>
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* Students who complete Bio-Botany & Bio-Zoology with a 2.0 are an Ag CTE Completer and may choose to take only one year of a foreign language as well as have their visual, performing, applied arts credit requirement waived.