

## Required Courses for Agriculture Production

This four-year plan of study should serve as a guide as you develop your academic core requirements and electives.  
All plans should meet MAHS graduation requirements.

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
<b>Choose One:</b> <ul style="list-style-type: none"> <li>• English Language Arts 9</li> <li>• Honors English Language Arts 9</li> <li>•</li> </ul> <b>Required:</b> <ul style="list-style-type: none"> <li>• Career Communications</li> <li>• Research Writing and Public Speaking</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• English Language Arts 10</li> <li>• Honors English Language Arts 10</li> <li>•</li> </ul> <b>Required (if not taken in 10<sup>th</sup> grade):</b> <ul style="list-style-type: none"> <li>• Research Writing and Public Speaking</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• English Language Arts 11</li> <li>• American Literature</li> <li>• AP English Language and Composition</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• English Language Arts 12</li> <li>• American Literature</li> <li>• British Literature</li> <li>• AP English Literature and Composition</li> <li>• MPower</li> </ul>
<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Pre-Algebra</li> <li>• Algebra I</li> <li>• Algebra II</li> <li>• Honors Algebra II</li> <li>• Geometry</li> <li>• Honors Geometry – Trigonometry</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Algebra I</li> <li>• Algebra II</li> <li>• Pre-Calculus</li> <li>• Geometry</li> <li>• Honors Geometry – Trigonometry</li> <li>• Trigonometry</li> <li>• Advanced Math</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Algebra II</li> <li>• Advanced Math</li> <li>• Geometry</li> <li>• Pre-Calculus</li> <li>• Trigonometry with Selected Topics</li> <li>• Probability &amp; Statistics</li> <li>• AP Calculus AB</li> <li>• AP Statistics</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Algebra II</li> <li>• Geometry</li> <li>• Trigonometry with Selected Topics</li> <li>• Advanced Math</li> <li>• Probability and Statistics</li> <li>• AP Calculus AB</li> <li>• AP Statistics</li> <li>• MPower</li> </ul>
<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Biology A</li> <li>• Biology</li> <li>• Honors Biology</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Earth Science</li> <li>• Chemistry</li> <li>• Biology B</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Biology B</li> <li>• Earth Science</li> <li>• Physical Science</li> <li>• Anatomy and Physiology</li> <li>• Chemistry</li> <li>• Physics</li> <li>• AP Chemistry</li> <li>• AP Biology</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Physics</li> <li>• Anatomy and Physiology</li> <li>• AP Biology</li> <li>• AP Chemistry</li> <li>• AP Physics</li> <li>• Physical Science</li> </ul>
<b>Choose One:</b> <ul style="list-style-type: none"> <li>• American Cultures</li> <li>• Honors American Cultures</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• American Cultures II</li> <li>• Honors American Cultures II</li> <li>• AP United States History</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• World Cultures</li> <li>• Honors World Cultures</li> <li>• AP European History</li> </ul> <b>Choose One:</b> <ul style="list-style-type: none"> <li>• Economics</li> <li>• Consumer Economics</li> </ul>	<b>Choose One:</b> <ul style="list-style-type: none"> <li>• Psychology/Government</li> <li>• AP Psychology</li> <li>• MPower</li> </ul>
<b>Required:</b> <ul style="list-style-type: none"> <li>• Health/Physical Education</li> </ul>	<b>Required:</b> <ul style="list-style-type: none"> <li>• Physical Education</li> <li>• Drivers Safety Education</li> </ul>	<b>Required:</b> <ul style="list-style-type: none"> <li>• Physical Education</li> </ul>	<b>Required:</b> <ul style="list-style-type: none"> <li>• Physical Education</li> </ul>
<b>Recommended for College Bound Students:</b> <ul style="list-style-type: none"> <li>• World Language</li> </ul>	<b>Recommended for College Bound Students:</b> <ul style="list-style-type: none"> <li>• World Language</li> </ul>	<b>Recommended for College Bound Students:</b> <ul style="list-style-type: none"> <li>• World Language</li> </ul>	<b>Recommended for College Bound Students:</b> <ul style="list-style-type: none"> <li>• World Language</li> </ul>
<b>Required:</b> <ul style="list-style-type: none"> <li>• Intro to Ag</li> <li>• Animal Science</li> <li>• Plant Science</li> </ul>	<b>Required:</b> <ul style="list-style-type: none"> <li>• Sustainable Ag</li> <li>• Env Resources</li> <li>• Biotech</li> <li>• Horticulture</li> </ul>	<b>Required:</b> <ul style="list-style-type: none"> <li>• Landscaping</li> <li>• Masonry/Plumbing</li> <li>• Intro to Construction</li> <li>• Electrical</li> </ul>	<b>Required:</b> <ul style="list-style-type: none"> <li>• Ag Fab, Des, and Rest I</li> <li>• Welding/Metal</li> <li>• Farm Management</li> <li>• Vet Science</li> </ul>
<ul style="list-style-type: none"> <li>• Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Electives</li> </ul>	<ul style="list-style-type: none"> <li>• Electives</li> </ul>