# Agricultural and Environmental Plant Sciences Major

## Summer, 2015 – Spring, 2016 Projected Course Offerings*

<table>
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<tr>
<th>Course</th>
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<th>Summer</th>
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<th>Prerequisites**</th>
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<tr>
<td>AEPS/AG 315</td>
<td>Organic Agriculture</td>
<td>✔</td>
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<td>Junior standing and completion of GE Area B. Note: Fulfills GE Area F.</td>
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<td>AEPS/BOT 323</td>
<td>Plant Pathology</td>
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<td>Precision Farming</td>
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<td>AEPS 133 or AEPS 190 or AEPS 260 or BRAE 237 or BRAE 239.</td>
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<td>AEPS 333</td>
<td>Greenhouse Vegetable Production</td>
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<td>Experimental Techniques and Analysis</td>
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<td>AEPS 445</td>
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**Selected Approved Courses**

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<td>ERSC 202</td>
<td>Soil Erosion and Water Conservation</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td>SS 121 or consent of instructor.</td>
</tr>
<tr>
<td>FSN 275</td>
<td>Elements of Food Safety</td>
<td></td>
<td></td>
<td>✓</td>
<td></td>
<td>None.</td>
</tr>
<tr>
<td>MATH 118</td>
<td>Pre-Calculus Algebra</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Completion of ELM requirement and passing score on appropriate Mathematics Placement Examination. MATH 116 + 117 can be taken if slower pace desired. Not open to students with credit in MATH 117, MATH 141, MATH 161, or MATH 221.</td>
</tr>
<tr>
<td>MCRO 221</td>
<td>Microbiology</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>CHEM 110 or CHEM 111 or CHEM 124 or CHEM 127 or PSC 102.</td>
</tr>
<tr>
<td>SPAN 101</td>
<td>Elementary Spanish I</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>None. Note: Credit not available for students who have completed SPAN 104 or SPAN 111.</td>
</tr>
<tr>
<td>SPAN 102</td>
<td>Elementary Spanish II</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>✓</td>
<td>SPAN 101, SPAN 111, or appropriate score on placement exam or consent of instructor. Note: Not open to students with credit in SPAN 104.</td>
</tr>
<tr>
<td>Course</td>
<td>Course Title</td>
<td>Summer</td>
<td>Fall</td>
<td>Winter</td>
<td>Spring</td>
<td>Prerequisites**</td>
</tr>
<tr>
<td>---------</td>
<td>--------------------------------------------------</td>
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<tr>
<td>SPAN 103</td>
<td>Elementary Spanish III</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>SPAN 102 or appropriate score on placement exam or consent of instructor. Note: Not open to students with credit in SPAN 104.</td>
</tr>
<tr>
<td>SPAN 111</td>
<td>Elementary Hispanic Language and Culture</td>
<td>✓</td>
<td>✓</td>
<td></td>
<td></td>
<td>None. Note: Not open to students who have credit in SPAN 101. Fulfills USCP requirement.</td>
</tr>
<tr>
<td>SS 121</td>
<td>Introductory Soil Science</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>College chemistry and passing score on ELM examination, or an ELM exemption, or credit in MATH 104.</td>
</tr>
<tr>
<td>SS 221</td>
<td>Fertilizers and Plant Nutrition</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>SS 121.</td>
</tr>
<tr>
<td>SS 321</td>
<td>Soil Morphology</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>SS 121.</td>
</tr>
<tr>
<td>SS 322</td>
<td>Soil Plant Relationships</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>SS 221, CHEM 111 or CHEM 128.</td>
</tr>
<tr>
<td>SS 402</td>
<td>Soil, Compost, and Water Testing Enterprise</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>CHEM 111, CHEM 125 or CHEM 128; SS 221; and junior standing.</td>
</tr>
<tr>
<td>STAT 218</td>
<td>Applied Statistics for the Life Sciences</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>Passing score on the ELM examination, or an ELM exemption, or credit in MATH 104. Note: Not open to students with credit in STAT 217 or STAT 251.</td>
</tr>
<tr>
<td>WVIT 232</td>
<td>Basic Viticulture</td>
<td></td>
<td>✓</td>
<td>✓</td>
<td></td>
<td>AEPS 120 or BOT 121; CHEM 111 or CHEM 127; SS 121.</td>
</tr>
<tr>
<td>WVIT 332</td>
<td>Advanced Viticulture - Winter</td>
<td></td>
<td></td>
<td>✓</td>
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<td>WVIT/AEPS 231 or WVIT 232.</td>
</tr>
<tr>
<td>WVIT 333</td>
<td>Advanced Viticulture - Spring</td>
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<td></td>
<td></td>
<td>✓</td>
<td>WVIT/AEPS 231 or WVIT 232.</td>
</tr>
</tbody>
</table>

* Though every attempt is made to accurately project what will be offered in the coming year, course offerings may change due to instructor availability and/or budgetary constraints. Spring, 2016 courses are based on what was taught spring, 2015.

** Prerequisites are those described in the 2015-2017 catalog.