<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>ENVS 3365</td>
<td>Principles of Sustainable Agriculture</td>
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<tr>
<th>Credit Value (Breakdown of theory and lab credits)</th>
<th>3 Theory</th>
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<tr>
<th>Catalog Course Description</th>
<th>You will study food production resources (soils, crops, and climates), with emphasis on the scientific principles of management that conserve or renew those resources for a continuing benefit to society. You will participate in field trips which stress hands-on experience with soils, crops, and descriptive climatology.</th>
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<tr>
<th>Course Student Learning Outcomes/Objectives/Competencies</th>
<th>1. Develop an informed critique of agricultural production. 2. Review traditional non-industrialized, modern industrialized, modern organic, and GMC (genetically modified crops)-based systems through the lens of sustainability. 3. Review economic and cultural sustainability. 4. Understand holistic perspective of production systems. 5. Examine limitations to sustainable agriculture and explore alternatives to current methods of production. 6. Discuss food policy and food security on a local and global scale</th>
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<tr>
<th>College-Wide Student Learning Outcomes measured (General education courses only)</th>
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<th>Program Student Learning Outcomes measured</th>
<th>1. Apply systems theory, concepts, and methodologies to critically analyze and understand interactions on an ecological level.</th>
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