



Course Number Course Name	ES 365 PRINCIPLES OF SUSTAINABLE AGRICULTURE
Credit Value (Breakdown of theory and lab credits)	3 Theory
Catalog Course Description	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.
Student Learning Outcomes/Objectives /Competencies of the Course	<ol style="list-style-type: none"> 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
College-Wide Student Learning Outcomes	<ol style="list-style-type: none"> 1. <i>Cultural Competence</i> <i>Cultural Competence will be assessed by examining different approaches to agricultural sustainability around the world in traditional and innovative cultures.</i>