

Discipline: Agriculture	Sub-discipline: Plant Science
General Course Title: Plant Science Problems	Min. Units: 2 Semester
Proposed Suffix:	
<p>Course Description: This course will offer students the opportunity for investigating a deeper interest in the field of Plant Science. The interest areas will include, but not be limited to, crop breeding, propagation, crop production, student projects, greenhouse management, soil management, and soil testing.</p>	
Required Prerequisites or Co-Requisites ¹	
Advisories/Recommended Preparation ²	
<p>Course Objectives: <i>At the conclusion of this course, the student should be able to:</i></p> <ul style="list-style-type: none"> • Put into use knowledge acquired in Plant Science classes. • Investigate more advanced procedures and ideas than are found in introduction courses. • Research in-depth, new techniques or ideas of interest. 	
<p>Course Content: This course will be structured for students to utilize the existing college Agricultural Laboratory and equipment. The student will keep records and a written report of the progression of the project. The outline for course work depends entirely upon the interest of the student.</p> <p>Laboratory Activities: Individual Laboratory Activities are designed to support course objectives.</p>	
<p>Methods of Evaluation: Lecture Comprehensive Quizzes and Exams Written Critical Thinking Scenarios Problem Analysis and Solution Research and Term Papers</p>	<p>Methods of Evaluation: Laboratory Laboratory Skill Validation by Observation Laboratory Reports Laboratory Research Projects and Reports Laboratory Skill Practicum Exams</p>
Typical Textbooks, Manuals, or Other Support Materials Under Review	
Statewide Articulation: Transfers as lower division elective	
FDRG Lead Signature:	Date:
Mark E. Bender, PhD CSU Stanislaus	
[For Office Use Only]	Internal Tracking Number

¹ Prerequisite or co-requisite course need to be validated at the CCC level in accordance with Title 5 regulations; co-requisites for CCCs are the linked courses that must be taken at the same time as the primary or target course.

² Advisories or recommended preparation will not require validation but are recommendations to be considered by the student prior to enrolling.