

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA

ACADEMIC SENATE

ACADEMIC PROGRAMS COMMITTEE

REPORT TO

THE ACADEMIC SENATE

AP-046-156

**MINOR IN AGRICULTURAL WATER RESOURCES AND IRRIGATION DESIGN
FOR SEMESTERS**

Academic Programs Committee

Date: 10/19/2016

**Executive Committee
Received and Forwarded**

Date: 10/19/2016

Academic Senate

**Date: 10/26/2016
First Reading**

BACKGROUND: The Department of Plant Science has put forward a referral for a minor in Agricultural Water Resources and Irrigation Design for semesters. This is a revised program, i.e., name change.

RESOURCES CONSULTED:

Deans
Associate Deans
Department Chairs
All Faculty

DISCUSSION:

Before reaching the Academic Programs Committee, this program was reviewed by the College Curriculum Committee in the College of Agriculture as well as the Dean of Agriculture and the Office of Academic Programs. All concerns raised at those levels were addressed. The Academic Programs Committee then conducted campus-wide consultation, as well as its own review of the program. When originally proposed, the name of the minor was Water Resource and Irrigation Design. There was an objection from the College of Engineering, specifically, the Civil Engineering Dept. Following is their comment.

“The Civil Engineering Department supports the minor that Plant Science offers, however we do not believe that the proposed title represents the courses listed. We recommend that Plant Science keeps the current minor title. However, if the intent of plant science is the creation of a new minor that is enhanced with the water resources component (supplying water for human use, removing water when humans are finished using it, and developing methods of avoiding damage from excess water –flooding), the Civil engineering department is willing to collaborate with the creation of the new minor and offer engineering and GIS courses that will provide the water resources and design components of non-irrigation systems. If the enhancement of the minor is the intent of the proposal, Civil Engineering can support with the following courses that should be added to the elective list (Civil Engineering GIS Course, other design courses) and the courses that should be added to their required list (CE Water Resources Engineering and CE Fluid Mechanics). Since all of our courses do have prerequisite requirements the civil engineering department will work with the plant science department to add an exception in the course requirements for students pursuing the minor that do not have all the necessary pre-requisites. If Plant Science intent is just to transfer the minor from quarters to semester then CE suggests that based on the courses listed it seems more appropriate to continue with the original title: Irrigation Landscape Design.”

This was communicated back to Plant Science. After careful consideration of what they wanted their minor to be and the comment from Civil Engineering, they (Plant Science) came up with a new name, i.e., Agricultural Water Resources and Irrigation Design. It was felt that this better reflected the intended scope of the minor, so it wouldn't seem to include subject matter that is emphasized by Civil Engineering. The suggested new name was communicated to Dr. Xudong Jia, Chair of Civil Engineering. He responded

on 10/17/16, via email, "I have consulted with our faculty members. We are fine with the revised name." This means everyone is in agreement with the new name, as reflected on the cover page of this report.

RECOMMENDATION:

The Academic Programs Committee recommends approval of the semester program, minor in Agricultural Water Resources and Irrigation Design.