

**IMPERIAL VALLEY COLLEGE DISTRICT
REVIEW OF CAREER EDUCATION TRAINING PROGRAMS
2019**

AGRICULTURE PLAN SCIENCE

I. Program Description

Agriculture Plant Science encompasses the study of the plant, soil, and water resources that are foundational to all agro-ecosystems and prepares the student for a challenging career in many areas including: soil and crop management, plant breeding and genetics, seed science, environmental soil science, soil restoration and conservation, international agriculture, and ecosystem management.

A. Certificate

Certificate of Achievement, Agriculture Plant Science

II. Career Opportunities

- Agribusiness Representative
- Agronomic Production Manager
- Chemical Fertilizer Sales
- Agricultural Products Inspector
- Organic Certification Specialist
- Farm Manager
- Agronomist
- Crop Consultant
- Land-Use Planner
- Plant Breeder

III. Labor Market Demand

The Agricultural Business for Transfer program at Imperial Valley College meets a documented labor market demand. Employment trends for this field are derived from a variety of sources. These are listed below:

A. Employment Trends (Employment Development Department):

Occupation	TOP Code	SOC Code	Average Job Openings per Year
Farmers, Ranchers, and Other Agricultural Managers	0113.00	119013	30*

*Center of Excellence Imperial County Regional Labor Market Assessment 2016

IV. Other Regional Programs

There are no other similar training programs in Imperial Valley.

V. Employment (Perkins Core Indicator)

Job Placement
2016-2017
Small Sample Size/Data not available

VI. Completion/Success

	Certificates	
	2017-2018	2018-2019
Agriculture Plant Science	NA	NA

VII. Program Evaluation (to be completed by EWD office)

The low number of certificate awards is attributed to the parallel Agriculture Business for transfer option which requires the same Agriculture courses as the certificate option. Students are pursuing the degree option. Maintaining the certificate program offers another option for students without impacting course offerings. Agriculture Plant Science Program meets the requirements stipulated under the California Education Code, Division 7, Part 48, Chapter 1, Article 1, Section 78016.