

PLANT SCIENCE AND SUSTAINABLE AGRICULTURE CERTIFICATE OF ACHIEVEMENT

State Control Number: 38516

Program Code: AGNR.PLSC.CA

Program Length: 10 months

Approved for Federal Financial Aid: Yes

Prepares students with the best management practices, technology and skills to enter plant science related careers which include: Sustainable food production and processing, Agriculture and Conservation Extension Officers; Agricultural Food Inspectors; Ecological Restoration Technicians, Farm, Ranch and Aquaculture Managers; Irrigation Designers and Installers; Golf Course and Turf Grass Managers; Irrigation and Fertilizer Industry Sales Representatives; Environmental Science/ Natural Resource Management Technicians; Nursery and Greenhouse Technicians and Managers; Organic Practices Advisors, Park and Wildlife Managers; Pest Control Technicians and Advisors; Plant Propagators and Growers; Water Management and Conservation Technicians; Soils and Water Analysis Lab Technicians; and City, Country Club and Botanic Garden Horticulturists. Emerging technologies in integrated pest management (IPM), natural soil management, hydro-culture, ecological restoration and water management are emphasized. Students receive training and are encouraged to take the Pest Control Advisor (PCA) industry certification exam. This certificate also serves as a good crossover for students wishing to enter a natural resource management career.

Code	Title	Units
Required Courses		
AGNR 120	Integrated Pest Management	3.0
AGNR 122	Plant Propagation/Greenhouse Production	3.0
AGNR 123	Introduction to Plant Science	4.0
AGNR 131	Introduction to Soil Science	4.0
AGNR 141	Plant Materials and Usage II	3.0
AGNR 175	Sustainable Agriculture, Environment And½society	3.0
Total Units		20