Environmental Horticulture, AS

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CATALOG 2022-23

GE Pattern: <u>VVC GE</u> Total Units: 60 Units Program Code: OH.AS



Category Key

Elective A degree - applicable course that is part of a degree road map to ensure that there is a total of at least 60 units, which is a requirement for an AS degree. A course selected from a list of elective courses specified for this degree in the course list in the catalog, which can be replaced with another course from the same list.	(a)	Articulated Credit	A course taught at the high school that teaches the same content as the community college allowing the high school student to receive college credit.	GE	General Education	A course that fulfills a specific general education requirement for this degree, which can be replaced with another course that meets the same requirements.
	Elec	Elective	of a degree road map to ensure that there is a total of at least 60 units, which	RE		elective courses specified for this degree in the course list in the catalog, which can be replaced with

Year 1

Semester 1 16 Units

			GE	
Category	Course	Title	Area	Unit
Req	Any	Any #AGNR course, except AGNR 138		3
GE	*ENGL 101.0	English Composition and Reading	IVA	4
GE	Any		IIB	3
GE	Any		III	3
Elec	Any	Any course numbered 50 or above		3
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*Overlap your AGNR course selections with AGNR certificates you are pursuing.

*Fulfills VVC GE Category IVA and Information Competency requirement.

Semester 2	<u>></u>	16	Units

Category	Course	Title	GE Area	Unit
Req	Any	Any #AGNR course, except AGNR 138		3
Req	Any	Any #AGNR course, except AGNR 138		3
GE	Any		V	3
GE	Any	HLTH 102 or any APE, KIN, KIND (or TA courses crosslisted with KIND)course	Kin	1
Elect	Any	Any course(s) numbered 50 or above		6

Year 2

degree

Semester 1 15 Units

Category	Course	Title	GE Area	Unit
Req	Any	Any #AGNR course, except AGNR 138		3
GE	Any	Recommended: AGNR 123 or AGNR 170	I	3
GE	Any	Recommended: AGNR 175 or AGNR 178	IIA	3
GE	Any		IVB	3
Elec	Any	Any course numbered 50 or above		3

Semester 2 13 Units

			GE	
Category	Course	Title	Area	Unit
Req	Any	Any #AGNR course, except AGNR 138		3
Req	Any	Any #AGNR course, except AGNR 138		3
GE	Any	Any course that fulfills Global Citizenship	GC	3
Elec	Any	Any course(s) numbered 50 or above		4



5-year Job Demand Increase in **MDCP** Region

+442



MDCP Regional Labor Market **Snapshot Occupations**

Associated Agriculture **Sciences**

\$33.29 **MDCP** Region

> \$33.34 **SB County**

\$33.38 California



EMPLOYMENT PROJECTIONS 595 1,037 2022 2027

5-year demand includes new jobs, transfers, and retirements

Current Age Breakdown 24% Current employees Current retiring over next 24% **Employment** 5-7 years 21% Ages 18-24 18% 16% 13% 8% ■ 18-24 ■ 25-34 ■ 35-44 ■ 45-54 ■ 55-64 ■ 65+

AVERAGE WAGE INFORMATION PER JOBS IN REGION

CONTINUING FOUCATION AND TRAINING

Program	College
AS Agricultural Plant Sciences	Victor Valley CC
BS Agriculture Science	Cal Poly, Pomona
BS Plant Biology	UC Riverside
MS Plant Biology	UC Riverside
BS Environmental Science	UC Los Angeles
BS Environmental Horticulture	UC Davis

For additional information on VVC's Agriculture Degree:

https://catalog.vvc.edu/degrees-certificates/agriculturenatural-resources/#OH-AS

LOCAL EMPLOYERS



Employer

Epps Urban Homestead Oak Hills Nursey Tractor Supply Co US Dept of Agriculture

Victor Valley College

HD

Website

https://eppsurbanhomestead.weebly.com/ Neil's Landscape & Seed https://porch.com/apple-valley http://www.oakhillsnurserv.com/ https://tractorsupply.jobs/

> http://cms.sbcounty.gov/awm/Home.aspx http://www.vvc.edu/academic/agriculture/

Salary Guide

AVERAGE BY EXPERIENCE



	Average Hourly Wage		Average	
Occupation	HD	SBC	California	Salary
^Farmworkers, Nursery and Greenhouse (N/A)	\$15.57	\$15.08	\$15.27	\$32,400
Farmers, Ranchers, Agricultural Managers (HS)	\$44.97	\$46.41	\$44.03	\$93,500
Tree Trimmers and Pruners (HS)	\$26.08	\$25.86	\$27.25	\$54,200
Forest and Conservation Technicians (A)	\$22.55	\$22.91	\$21.29	\$46,900
Agricultural Technicians (A)	\$22.15	\$20.18	\$24.49	\$46,100
Environmental Science and Protection Technicians (A)	\$24.18	\$24.37	\$25.30	\$50,300
Hydrologists (B)	\$63.02	\$71.19	\$55.16	\$131,100
Biological Technicians (B)	\$22.62	\$22.09	\$26.52	\$47,000
Environmental Engineers (B)	\$51.13	\$50.71	\$55.37	\$106,400
Landscape Architects (B)	\$40.67	\$40.43	\$43.12	\$84,600

Average hourly wage based on listed occupations

(HS = High School Diploma; PSC= Postsecondary Certificate; A = Associates Degree; B = Bachelor's Degree; M = Master's Degree; D = Professional or Doctorate Degree)

> HD Average wages based on listed occupations **^High Demand Occupation**



Current Gender Breakdown

