

Natural Resources and Environmental Technology



CATALOG 2022-23

GE Pattern: none
Total Units: 17 Units

Program Code: [NATRESENVTECH.CERT](#)



Additional Certificate/Degree Programs

*Environmental Horticulture, AS * Agriculture Plant Sciences, AS-T * Plant
Science Certificate * Environmental Horticulture and Landscaping * Natural
Resource and Environmental Technology **

Year 1



Year 2

Semester 1

8 Units

Category	Course	Title	GE Area	Unit
Req	AGNR 170	Environmental Science and Sustainability		4
Req	AGNR 173	Watershed Management and Restoration (offered only in fall)		3
RE	Any	Select course from list Fall only offerings: AGNR 74C, 74D, 121, 131, 74E, 171		1

Semester 1

9 Units

Category	Course	Title	GE Area	Unit
Req	AGNR 74A	Sustainable Community Leadership (offered only in spring)		1
Req	AGNR 74B	Biodiversity Management and Technology (offered only in spring)		1
Req	AGNR 170L	Environmental Science & Sustainability Lab (offered only in spring)		1
Req	AGNR 172	Natural Resource Remote Sensing & GIS (offered only in spring)		3
Req	AGNR 177	Principles of Wildlife Management (offered only in spring)		3

Category Key

(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	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.	RE	Restricted Electives	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.
Req	Required Core	A course that is required for this degree			

Must Receive a grade of C or better in all courses to receive a certificate



+252
5-year Job Demand
Increase in
MDCP Region

**Average Hourly
Wage**

\$34.81
MDCP Region

\$35.34
SB County

\$35.56
California

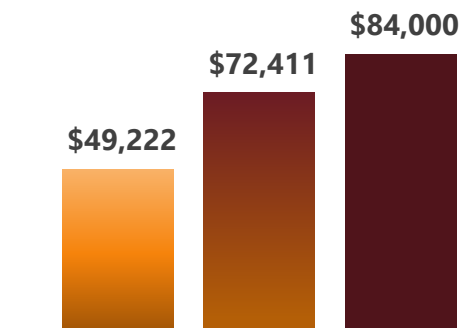
**MDCP
Regional Labor Market
Snapshot**

**Occupations
Associated
Agriculture
Sciences**



Salary Guide

AVERAGE BY EXPERIENCE

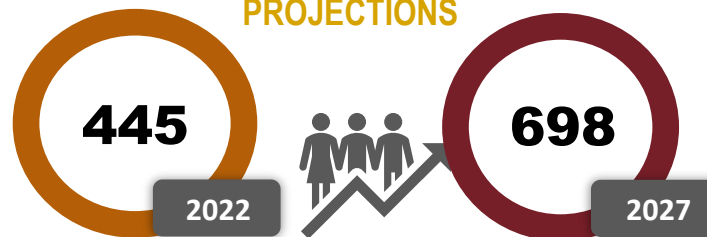


■ Starting ■ Average ■ Experienced



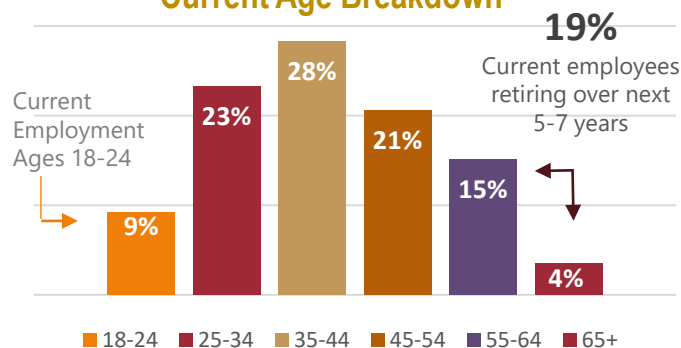
Serving the High Desert Region

EMPLOYMENT PROJECTIONS



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

Current Age Breakdown



AVERAGE WAGE INFORMATION PER JOBS IN REGION

Occupation

	Average Hourly Wage			
	HD	SBC	California	HD Average Salary
Water & Wastewater Treatment System Operator (HS)	\$34.18	\$34.16	\$35.15	\$71,000
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
Forest & Conservation Technicians (A)	\$22.55	\$22.91	\$21.29	\$46,900
Hydrologic Technicians (A)	\$32.80	\$32.05	\$33.65	\$68,200
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
Hydrologists (B)	\$63.02	\$71.19	\$55.16	\$131,100

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



CONTINUING EDUCATION AND TRAINING

Program

AS Agricultural Plant Sciences
BS Environmental Biology
BS Plant Biology
BA Environmental Studies
MS Ecology
BS Environmental Science

College

Victor Valley CC
Cal Poly, Pomona
UC Riverside
Cal State San Bernardino
Cal State San Diego
UC Los Angeles

For additional information on VVC's Agriculture Degree:
<https://catalog.vvc.edu/degrees-certificates/agriculture-natural-resources/#NATRESENVTECH-CERT>

LOCAL EMPLOYERS

Employer

Epps Urban Homestead
Neil's Landscape & Seed
Oak Hills Nursey
Tractor Supply Co
US Dept of Agriculture
Victor Valley College

Website

<https://eppsurbanhomestead.weebly.com/>
<https://porch.com/apple-valley>
<http://www.oakhillsnursery.com/>
<https://tractorsupply.jobs/>
<http://cms.sbcounty.gov/awm/Home.aspx>
<http://www.vvc.edu/academic/agriculture/>



Current Gender Breakdown

