RAMPath: Science, Technology, Engineering, & Math
(760) 245-4271
Info@vvc.edu

Animal Science Specialist Certificate of Achievement

RAMPath Counselor
Lyman Insley
(760) 245-4271 x2208
Lyman. Insley@vvc.edu

CATALOG 2022-23

GE Pattern: none
Total Units: 16 Units
Program Code: ANIMSCSPEC.CERT

Additional Certificate/Degree Programs

*Animal Sciences, AST * Environmental Horticulture, AS * Agriculture Plant Sciences, AS-T * Plant Science Certificate * Environmental Horticulture and Landscaping * Geospatial Technology * Natural Resource and Environmental Technology * Equine Science Specialist*

Year 1, Fall — 10 Units

Category	Course	Title	GE Area	Unit
Req	AGNR 100	General Animal Science (offered fall only)		3
Req	AGNR 102	Equine Science (offered fall only)		4
Req	AGNR 106	Veterinary Terminology and Technology		3

Year 1 Spring — 6 Units

Category	Course	Title	GE Area	Unit
Req	AGNR 101L	Livestock Feeding and Nutrition (offered only in spring)		3
Req	AGNR 107	Livestock Selection and Evaluation (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

VVC does not discriminate on the basis of race, color, national origin, sex, age, or disability in any of its policies, procedures or practices. This nondiscrimination policy covers admission and access to, and treatment and employment in, college employment programs and activities. The Section 504-Disabled Counselor/Enabler at Victor Valley College may be reached at (760) 245-4271

Listed Occupations may require additional training, certification, and/or Apprenticeships and on-the-job training.
Contact: info@vvc.edu for more information on additional agriculture opportunities and programs.

Report Date: January 4, 2023

MDCP Regional Labor Market Snapshot
JOBS in Agriculture and Animal Science Occupations

+406
5-year Job Demand Increase in **MDCP Region**

Average Hourly Wage

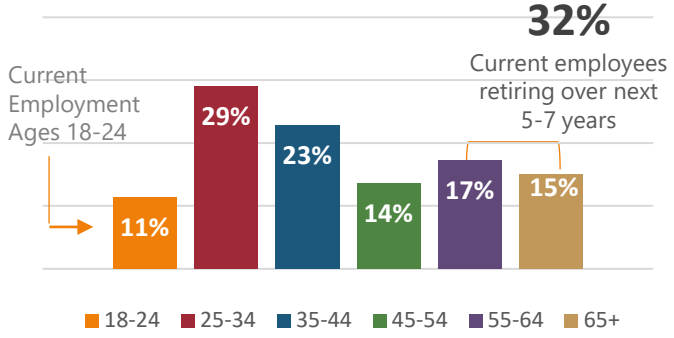
- **$33.85** MDCP Region
- **$33.66** SB County
- **$36.14** California

EMPLOYMENT PROJECTIONS

571 (2022) → **928** (2027)

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

Current Age Breakdown



CONTINUING EDUCATION AND TRAINING

Program	College
BS Animal Health Science	Cal Poly, Pomona
MS Animal Science	Cal Poly, San Luis Obispo
MS Animal Science & Management	UC Davis
BS Equine Science	Cal State, Fresno
BS Animal Science	Azusa Pacific
BS Animal Science	Cal State Chico

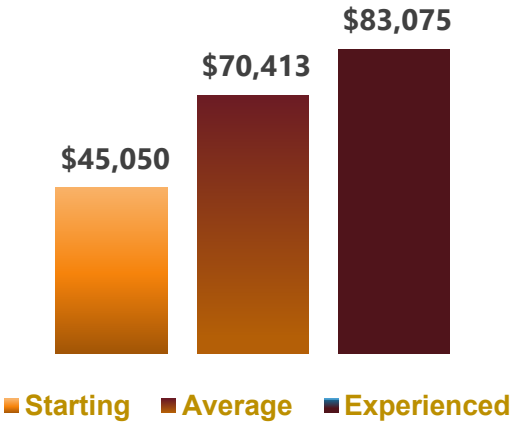
For additional information visit
https://catalog.vvc.edu/degrees-certificates/agriculture-natural-resources/#ANIMSCSPEC-CERT

LOCAL EMPLOYERS

Employer	Website
Amber Waves Livestock Breeder	https://amberwaves.info/
Apple Valley Feed Bin	https://frommfamily.com/r/12588
Banfield Pet Hospital	https://www.banfield.com
Bear Valley Animal Hospital	http://www.bearvalleyanimalhospital.com/
Desert Care Animal Hospital	https://mypetlovesdcah.com/
Pet Smart	https://www.petsmart.com/

Salary Guide

AVERAGE BY EXPERIENCE



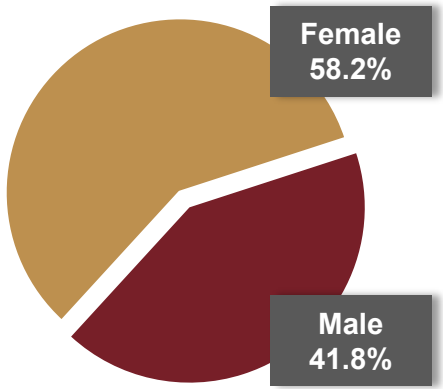
AVERAGE WAGE INFORMATION PER JOBS IN REGION

Occupation	Average Hourly Wage HD	SBC	California	HD Average Salary
Animal Breeder (HS)	$28.83	$28.37	$28.84	$60,000
^Animal Caretakers (HS)	$16.16	$15.99	$17.05	$33,600
Animal Trainers (HS)	$17.40	$16.85	$20.14	$36,200
Veterinary Assistants/Lab Technicians (HS)	$16.37	$16.33	$17.48	$34,100
Veterinary Technologists and Technicians (A)	$19.64	$19.54	$21.70	$40,900
Animal Scientists (B)	$81.03	$81.23	$85.30	$168,500
Zoologists and Wildlife Biologists (B)	$36.01	$36.11	$37.69	$74,900
Veterinarians (PD)	$55.33	$54.89	$60.91	$115,100

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

Current Gender Breakdown



MDCP CAREER PATHWAYS
Serving the High Desert Region

Employment and wage data Source: CHMURA JobsEQ 2022 Q2 MDCP Region (HD) - San Bernardino County (SBC), and California