

# Agriculture Animal Sciences, AS-T



## CATALOG 2022-23

GE Pattern: CSU GE or IGETC

Total Units: 62 Units

Program Code: AGANSCIT.AS or AGANSCIT.IGETC.AS



### 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			

### Year 1

#### Semester 1 16 Units

Category	Course	Title	GE Area	Unit
Req	AGNR 100	General Animal Science		3
Req	AGNR 178 or ECON 102	Agriculture Economics or Principles of Economics: Micro	D or 4	3
Req	MATH 120	Introduction to Statistics	B4 or 2	4
GE	Any	Recommended: HIST 117, HIST 118, or HIST 155	C2 or 3B	3
GE	Any		A1 or 1C	3



#### Semester 2 17 Units

Category	Course	Title	GE Area	Unit
Req	*CHEM 100	Introductory Chemistry	B1 or 5A	4
Req	List A	AGNR 101L		3
GE	ENGL 101.0	English Composition and Reading	A2 or 1A	4
GE	Any	Recommended POLS 102	D or 4	3
GE	Any		C1 or 3A	3

### Year 2

#### Semester 1 13 Units

Category	Course	Title	GE Area	Unit
RE	List A	AGNR 102		4
RE	List B	Recommended: AGNR 175, if needed		3
GE	Any		A3 or 1B	3
GE	Any	If following IGETC, consult with a counselor	E or 6	3



#### Semester 2 12 Units

Category	Course	Title	GE Area	Unit
RE	List B	If Needed		3
GE	Any		F or 4	3
GE	Any		B2 or 5B	3
GE	Any		C1/C2 or 3A/B	3



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

Report Date: January 4, 2023

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

**Average Hourly  
Wage**

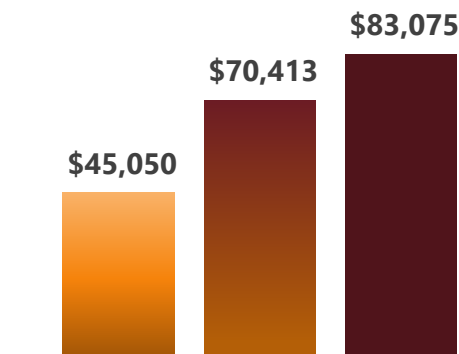
**\$33.85**  
MDCP Region

**\$33.66**  
SB County

**\$36.14**  
California

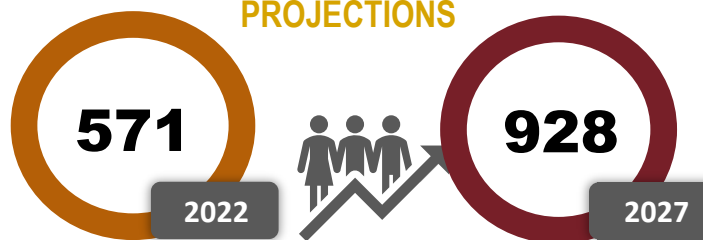
**MDCP  
Regional Labor Market  
Snapshot  
JOBS in  
Agriculture and  
Animal Science  
Occupations**

**Salary Guide**  
AVERAGE BY EXPERIENCE



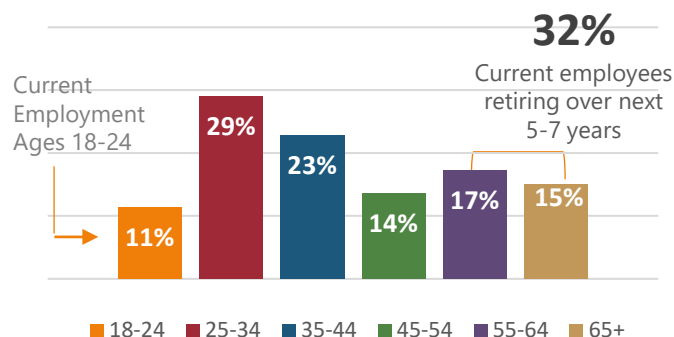
■ Starting ■ Average ■ Experienced

## EMPLOYMENT PROJECTIONS



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

## Current Age Breakdown



**32%**  
Current employees  
retiring over next  
5-7 years

## AVERAGE WAGE INFORMATION PER JOBS IN REGION

### Occupation

Occupation	Average Hourly Wage			HD Average Salary
	HD	SBC	California	
Animal Breeder (HS)	\$28.83	\$28.37	\$28.84	\$60,000
<sup>^</sup> 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

<sup>^</sup>**High Demand Occupation**



## CONTINUING EDUCATION AND TRAINING

### Program

BS Animal Health Science  
MS Animal Science  
MS Animal Science & Management  
BS Equine Science  
BS Animal Science  
BS Animal Science

### College

Cal Poly, Pomona  
Cal Poly, San Luis Obispo  
UC Davis  
Cal State, Fresno  
Azusa Pacific  
Cal State Chico

For additional information visit

<https://catalog.vvc.edu/degrees-certificates/agriculture-natural-resources/#AGANSCIT-AS>

## LOCAL EMPLOYERS



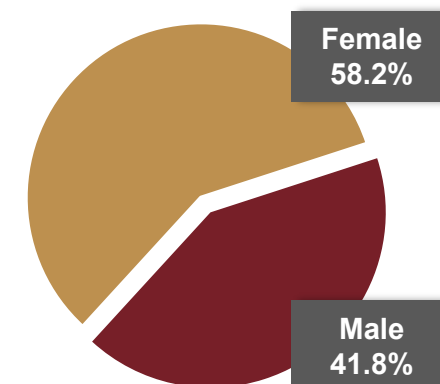
### Employer

Amber Waves Livestock Breeder  
Apple Valley Feed Bin  
Banfield Pet Hospital  
Bear Valley Animal Hospital  
Desert Care Animal Hospital  
Pet Smart

### Website

<https://amberwaves.info/>  
<https://frommfamil.com/r/12588>  
<https://www.banfield.com>  
<http://www.bearvalleyanimalhospital.com/>  
<https://mypeetlovesdcah.com/>  
<https://www.petsmart.com/>

## Current Gender Breakdown



Serving the High Desert Region

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