

TRI-COUNTY ROP VOCATIONAL AGRICULTURE ENVIRONMENTAL SCIENCE



- Businesses employ 10% of Californians in the industry sector
- Learn interviewing techniques and resume building skills
- Improve your communication skills

(see reverse side for more details)

The Vocational Agriculture Environmental Science course will allow students to gain an understanding of the following concepts: soil formation, erosion, reclamation, conservation, water use, wildlife, endangered species, game animals, fishing, boating safety, recreation, conservation farming, land use planning, energy resources, mineral use, recycling, and career opportunities in each of these diverse fields.

Occupation	Minimum Degree Requirement	Median Hourly Wage	Estimated Average Annual Wage
Welder	HS Diploma	\$17.06	\$35,484
Floral and Plant Designers	HS Diploma	\$13.92	\$28,953
Landscaping/Groundskeepers	HS Diploma	\$12.58	\$26,166
Veterinary Assistants	Certification/AA	\$12.62	\$26,249
Veterinarians	Bachelor's	\$49.94	\$103,875
Forestry and Conservation Workers	HS Diploma	\$11.39	\$23,691
Fish and Game Wardens	Certification/AA	\$34.78	\$72,342
Farm Accountant	Bachelor's	\$33.08	\$68,806
Agriculture Equipment Operators	HS Diploma	\$11.39	\$23,691
Viticulturist/Soil & Plant Scientist	Bachelor's	\$36.48	\$75,878
Zoologist and Wildlife Biologist	Bachelor's	\$34.92	\$72,634
Pest Control Worker	HS Diploma	\$15.12	\$31,450
Agriculture Mechanics Teacher (College)	Bachelor's	\$41.05	\$85,391
Animal Breeder	HS Diploma	\$18.84	\$39,187

Information source: State of California, Employment Development Department, Labor Market Information Division, 2009 www.labormarketinfo.scd.ca.gov

Recommended Course Sequence

Prerequisite	9th Grade	10th Grade	11th Grade	12th Grade	Post Secondary
Core Academics (Math, English, Science)	<ul style="list-style-type: none"> ◆ Algebra 1 ◆ English 9 ◆ State Reqmnts 	<ul style="list-style-type: none"> ◆ Geometry ◆ English 10 ◆ Social Science 	<ul style="list-style-type: none"> ◆ Algebra 2 ◆ English 11 ◆ Social Science 	<ul style="list-style-type: none"> ◆ English 12 ◆ Social Science 	<ul style="list-style-type: none"> ◆ Agriscience A: Butte College ◆ Sierra College
Electives (ROP)	<ul style="list-style-type: none"> ◆ Ag Science 1 	<ul style="list-style-type: none"> ◆ Ag Science 2 ◆ Ag Biology ◆ Voc Ag Environmental Science 	<ul style="list-style-type: none"> ◆ Landscape & Ornamental Hort ◆ Voc Ag Science II ◆ Plant Science 	<ul style="list-style-type: none"> ◆ Landscape/Crop 	<ul style="list-style-type: none"> ◆ Agriscience B/M: CSU Chico ◆ Environ Science & Management B/M: UC Davis

Career Resources

- <http://www.californiarealitycheck.com/start.htm>
- <http://www.caajobs.ca.gov/>
- http://www.worksmart.ca.gov/success_tips_menu.html

Locations Course Offered

- Colusa High School

