

**California State University Fresno**  
**Department of Viticulture and Enology**  
**Viticulture Minor**  
**Active starting Fall 2022**

**Requirements:**

- \* Minimum of 18 units Viticulture coursework
- \* 12 Units of upper-division coursework
- \* 10-16 Units of prerequisite coursework

<b>Specific Course Requirements</b>			
<b>Required courses (6 units)</b>	<b>Course name</b>	<b>Units</b>	<b>Prerequisites</b>
VIT 101	General Viticulture I	3	BIOL 11 and VIT 15
VIT 102	General Viticulture II	3	BIOL 11 and VIT 15

<b>Elective courses (12 units)</b>	<b>Course name</b>	<b>Units</b>	<b>Prerequisites</b>
VIT 100	Viticulture and Enology Research Methods	3	MATH 11 or 11L or equivalent
VIT 103	Table Grapes & Raisins: Production and Post-Harvest	3	VIT 101 and 102
VIT 106	Winegrape Production	2	VIT 101 and 102
VIT 160	Mechanized, Automated and Digital Viticulture	3	VIT 15 and 101
VIT 165	Ampelography and Grape Genetics	3	VIT 101 and 102
VIT 166	Management of Grape Diseases, Disorders, and Pests	3	BIOL 11 and VIT 102
VIT 167	Vineyard Ecology and Organic Production	3	BIOL 11 or equivalent
VIT 168	Vineyard Floor and Vegetation Management	3	BIOL 11, CHEM 3A, 3B or 8

<b>Prerequisite Course Requirements</b>			
<b>Required course</b>	<b>Course name</b>	<b>Units</b>	<b>Notes</b>
VIT 15	Introduction to Viticulture	3	
MEAG 3	Agricultural Tractors	3	OR MEAG 20 or 120
CHEM 3A	General Chemistry	4	OR CHEM 1A, 1AL, 1B, 1BL
BIOL 11	Plant Biology	3	
BIOL 161	Plant Physiology	4	OR PLANT 100

**Notes:**

Choose electives in consultation with a Department advisor  
Some elective courses have specific Viticulture prerequisites