

WINE AND VITICULTURE (BS)

Degree Requirements and Curriculum

In addition to the program requirements listed on this page, students must also satisfy requirements outlined in more detail in the Minimum Requirements for Graduation (<https://catalog.calpoly.edu/academic-standards-policies/general-requirements-bachelors-degree/>) section of this catalog, including:

- 40 units upper-division
- 2.0 GPA
- Graduation Writing Requirement (GWR)
- U.S. Cultural Pluralism (USCP)

Note: No Major, Support or Concentration courses may be selected as credit/no credit. In addition, no more than 12 units of cooperative or internship courses can count towards your degree requirements.

Code	Title	Units
MAJOR COURSES		
WVIT 1102	Global Wine and Viticulture	3
WVIT 2202	Fundamentals of Enology	3
WVIT 2233	Basic Viticulture	3
WVIT 3331	Advanced Viticulture - Fall	4
WVIT 3339	Internship in Wine and Viticulture	3
WVIT 3343	Branded Wine Marketing	3
WVIT 4423	Wine Law and Compliance	3
WVIT 4442	Sensory Evaluation of Wine	3
WVIT 4463	Issues, Trends, and Careers in the Grape and Wine Industry	2
Concentration		
(See list of Concentrations below)		33-36
SUPPORT COURSES		
AGB 2214 or BUS 2214	Agribusiness Financial Accounting Financial Accounting	3
BOT 1121	General Botany (5B & 5C) ¹	4
BRAE 3340	Irrigation Water Management (Upper-Division 2/5) ¹	3
CHEM 1120	Fundamentals of Chemical Structure and Properties (5A) ¹	4
ECON 2040	Macroeconomics (4B) ¹	3
Select from the following: (2) ¹		3-4
MATH 1261	Calculus I	
MATH 1267	Business Calculus	
SS 1120	Introductory Soil Science	4
STAT 1110	Applied Statistical Concepts and Methods	3
GENERAL EDUCATION (GE)		
(See GE program requirements below)		27
FREE ELECTIVES		
Free Electives ²		2-6
Total Units		120

¹ Required in Major or Support; also satisfies General Education (GE) requirement.

² If a General Education (GE) course is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.

Concentrations

Enology

Code	Title	Units
REQUIRED COURSES		
CHEM 1122	Fundamentals of Chemical Reactivity	4
CHEM 2240	Organic Chemistry: Fundamentals and Applications	4
CHEM 3350	Biochemistry: Fundamentals and Applications	4
MCRO 2221	Introduction to Microbiology	4
WVIT/MCRO 3301	Wine Microbiology	3
WVIT 3365	Wine Analysis and Amelioration	3
WVIT 4404	Winemaking I	4
WVIT 4405	Winemaking II	4
WVIT 4477	Advanced Wine Sensory Analysis	3
Senior Project		
Select from the following:		3
WVIT 4464	Senior Project - Enology and Viticulture	
WVIT 4465	Senior Project - Research Experience in Enology or Viticulture	
Total Units		36

Viticulture

Code	Title	Units
REQUIRED COURSES		
CHEM 2240	Organic Chemistry: Fundamentals and Applications	4
PLSC 3313	Agricultural Entomology	3
PLSC 3321	Weed Biology and Management	4
PLSC 3323	Plant Pathology	3
SS 2221	Soil Health and Plant Nutrition	4
WVIT 3302	Wine Fermentation Laboratory	2
WVIT 3332	Advanced Viticulture - Spring	4
WVIT 4414	Grape Pest Management	3
WVIT 4428	Winegrape Vineyard Management	3
Senior Project		
Select from the following:		3
WVIT 4464	Senior Project - Enology and Viticulture	
WVIT 4465	Senior Project - Research Experience in Enology or Viticulture	
Total Units		33

Wine Business

Code	Title	Units
REQUIRED COURSES		
AGB 2212 or ECON 2030	Agricultural Economics Microeconomics	3
AGB 2260	Agribusiness Data Literacy	3
AGB 3308	Introduction to Agribusiness Finance	3
AGB 3323	Decision Making with Agribusiness Accounting Information	3
AGB 3369 or BUS 3384	Agricultural Personnel Management Human Resources Management	3
EIM 3320	Strategic Event Planning	3
WVIT 3302	Wine Fermentation Laboratory	2
WVIT 3345	Wine Marketing Research and Market Analysis	3
WVIT 4433	Wine Industry Sales	4
WVIT 4447	Logistics for the Global Wine Industry	3

WVIT 4450	Wine Business Plan Development	3
WVIT 4460	Senior Project - Wine Business	3
Total Units		36

General Education (GE) Requirements

- 43 units required, 16 of which are specified in Major and/or Support.
- If any of the remaining 27 Units is used to satisfy a Major or Support requirement, additional units of Free Electives may be needed to complete the total units required for the degree.
- See the complete GE course listing (<https://catalog.calpoly.edu/academic-standards-policies/general-requirements-bachelors-degree/#generaleducationtext>).
- A grade of C- or better is required in one course in each of the following GE Areas: 1A (English Composition), 1B (Critical Thinking), 1C (Oral Communication), and 2 (Mathematics and Quantitative Reasoning).

Lower-Division General Education

Area 1	English Communication and Critical Thinking	
1A	Written Communication	3
1B	Critical Thinking	3
1C	Oral Communication	3
Area 2	Mathematics and Quantitative Reasoning	
2	Mathematics and Quantitative Reasoning (3 units in Support) ¹	0
Area 3	Arts and Humanities	
3A	Arts	3
3B	Humanities: Literature, Philosophy, Languages other than English	3
Area 4	Social and Behavioral Sciences (Area 4 courses must come from at least two different course prefixes.)	
4A	American Institutions (Title 5, Section 40404 Requirement)	3
4B	Social and Behavioral Sciences (3 units in Support) ¹	0
Area 5	Physical and Life Sciences	
5A	Physical Sciences (3 units in Support) ¹	0
5B	Life Sciences (3 units in Support) ¹	0
5C	Laboratory (may be embedded in a 5A or 5B course) (1 units in Support) ¹	0
Area 6	Ethnic Studies	
6	Ethnic Studies	3

Upper-Division General Education

Upper-Division 2/5	Mathematics and Quantitative Reasoning or Physical and Life Sciences (3 units in Support) ¹	0
Upper-Division 3	Arts and Humanities	3
Upper-Division 4	Social and Behavioral Sciences (Area 4 courses must come from at least two different course prefixes.)	3

Total Units		27
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¹ Required in Major or Support; also satisfies General Education (GE) requirement.