



Note: No Major, Support or Concentration courses may be selected as credit/no credit.

MAJOR COURSES		
WVIT 102	Global Wine and Viticulture	4
WVIT 202	Fundamentals of Enology	4
WVIT 233	Basic Viticulture	4
WVIT 331	Advanced Viticulture - Fall	4
WVIT 339	Internship Wine and Viticulture	4
WVIT 343	Branded Wine Marketing	4
WVIT 423	Wine Law and Compliance	4
WVIT 442	Sensory Evaluation of Wine	4
WVIT 463	Issues, Trends and Careers in the Wine Industry	2
AGB 214	Agribusiness Financial Accounting	4
BOT 121	General Botany (B2 & B3) <sup>1</sup>	4
BRAE 340	Irrigation Water Management (Upper-Division B) <sup>1</sup>	4
CHEM 127	Gen CHEM for Ag & Life Science I (B1 & B3) <sup>1</sup>	4
ECON 222	Macroeconomics (D2) <sup>1</sup>	4
MATH 161 or MATH 141 or MATH 221	Calculus for the Life Sciences I (B4) <sup>1</sup> Calculus I Calculus for Business and Economics	4
SS 120	Introductory Soil Science	4
STAT 218	Applied Statistics for the Life Sciences (GE Electives) <sup>1</sup>	4
Concentration courses (see below)		58-60
<b>Total Major Units</b>		<b>124-126</b>

GENERAL EDUCATION		
<b>Area A English Language Communication and Critical Thinking</b>		
A1	Oral Communication	4
A2	Written Communication	4
A3	Critical Thinking	4
<b>Area B Scientific Inquiry and Quantitative Reasoning</b>		
B1	Physical Science (4 units in Major) <sup>1</sup>	0
B2	Life Science (4 units in Major) <sup>1</sup>	0
B3	One lab taken with either a B1 or B2 course	
B4	Mathematics/Quantitative Reasoning (4 units in Major) <sup>1</sup>	0
Upper-Division B (4 units in Major) <sup>1</sup>		0
<b>Area C Arts and Humanities</b>		
Lower-division courses in Area C must come from three different subject prefixes.		
C1	Arts	4
C2	Humanities	4
Lower-Division C Elective - Select a course from either C1 or C2		4
Upper-Division C		4
<b>Area D Social Sciences - Select courses in Area D from at least two different prefixes</b>		
D1	American Institutions (Title 5, Section 40404 Requirement)	4
D2	Lower-Division D (4 units in Major) <sup>1</sup>	0
Upper-Division D		4
<b>Area E Lifelong Learning and Self-Development</b>		
Lower-Division E		4
<b>Area F Ethnic Studies</b>		
F	Ethnic Studies	4
<b>GE Electives in Areas B, C, and D</b>		
Select courses from two different areas; may be lower-division or upper-division courses.		
GE Electives (4 unitsB in Major) <sup>1</sup>		0
GE Electives (Area C or D)		4
<b>Total GE Units</b>		<b>48</b>
<b>FREE ELECTIVES</b>		<b>6-8</b>
<b>TOTAL DEGREE UNITS</b>		<b>180</b>

### FOOTNOTES

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

<b>Enology Concentration</b>		
CHEM 128	Gen Chemistry for Agriculture and Life Science II	4
CHEM 129	Gen Chemistry for Agriculture and Life Science II	4
CHEM 312	Survey of Organic Chemistry	5
CHEM 314	Biochemistry: Fundamentals and Applications	5
MCRO 221	Microbiology	4
WVIT/MCRO 301	Wine Microbiology	4
WVIT 365	Wine Analysis and Amelioration	4
WVIT 404	Winemaking I	4
WVIT 405	Winemaking II	4
WVIT 406	Winemaking III	4
<b>Senior Project</b>		
Select from the following:		4
WVIT 464	Senior Project - Enology and Viticulture	
WVIT 465	Senior Project - Research Experience in Enology or Viticulture (2, 2)	
<b>Approved Electives<sup>1</sup> (see list to the right)</b>		<b>12</b>
<b>Total Units</b>		<b>58</b>

1 Consultation with advisor is recommended prior to selecting Approved Electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals.

2 A maximum of 8 units of foreign language may be counted toward Approved Electives.

<b>Viticulture Concentration</b>		
BOT/PLSC 323	Plant Pathology	4
CHEM 128	Gen Chemistry for Agriculture and Life Science II	4
CHEM 312	Survey of Organic Chemistry	5
CHEM 314	Biochemistry: Fundamentals and Applications	5
PLSC 313	Agricultural Entomology	4
PLSC 321	Weed Biology and Management	4
SS 221	Soil Health and Plant Nutrition	4
WVIT 332/PLSC 336	Advanced Viticulture - Winter	4
WVIT 333/PLSC 337	Advanced Viticulture - Spring	4
WVIT 365	Wine Analysis and Amelioration	4
WVIT 404	Winemaking I	4
WVIT/PLSC 414	Grape Pest Management	4
WVIT 428	Winegrape Vineyard Management	4
<b>Senior Project</b>		
Select from the following:		4
WVIT 464	Senior Project - Enology and Viticulture	
WVIT 465	Senior Project - Research Experience in Enology or Viticulture (2, 2)	
<b>Total Units</b>		<b>58</b>

<b>Approved Electives<sup>1</sup> for Enology Concentration</b>	
<b>Select from the following:</b>	
AGB 212	Agricultural Economics
AGB 310	Agribusiness Credit and Finance
AGB 323	Decision Making with Agribusiness Accounting Information
BIO 111	General Biology
BIO 161	Introduction to Cell and Molecular Biology
BIO 303	Survey of Genetics
BIO 435	Plant Physiology
BOT/PLSC 323	Plant Pathology
BRAE 348	Energy for a Sustainable Society
CHEM 216	Organic Chemistry I
CHEM 217	Organic Chemistry II
CHEM 401	Advanced Undergraduate Research
FSN 230	Elements of Food Processing
FSN 340	Fermented Foods
FSN 342	Brewing Science
FSN 346	Brewing Methods
FSN 354	Packaging Function in Food Processing
FSN 370	Food Plant Sanitation and Prerequisite Programs
FSN 374	Food Laws and Regulations
MCRO 342	Public Health Microbiology
MCRO 421	Food Microbiology
PLSC 313	Agricultural Entomology
PLSC 321	Weed Biology and Management
PLSC 421	Postharvest Technology of Horticultural Crops
SPAN 101	Elementary Spanish I <sup>2</sup>
or FR 101	Elementary French I
or GER 101	Elementary German Language and Culture I
or ITAL 101	Elementary Italian I
SPAN 102	Elementary Spanish II <sup>2</sup>
or FR 102	Elementary French II
or GER 102	Elementary German Language and Culture II
or ITAL 102	Elementary Italian II
SPAN 103	Elementary Spanish III <sup>2</sup>
or FR 103	Elementary French III
or GER 103	Elementary German Language and Culture III
or ITAL 103	Elementary Italian III
SPAN 201	Intermediate Spanish I <sup>2</sup>
or FR 201	Intermediate French I
or GER 201	Intermediate German I
or ITAL 201	Intermediate Italian I
SPAN 202	Intermediate Spanish II <sup>2</sup>
or FR 202	Intermediate French II
or GER 202	Intermediate German II
SS 221	Soil Health and Plant Nutrition
WVIT 332	Advanced Viticulture - Winter
WVIT 333	Advanced Viticulture - Spring
WVIT 339	Internship Wine and Viticulture (limited to 2 units)
WVIT 344	Direct to Consumer Wine Sales
WVIT 345	Wine Marketing Research and Market Analysis
WVIT 400	Special Problems for Advanced Undergraduates
WVIT/PLSC 414	Grape Pest Management
WVIT 428	Winegrape Vineyard Management
WVIT 433	Wine Sales and E-Commerce
WVIT 447	Logistics for the Global Wine Industry
WVIT 450	Wine Business Plan Development
WVIT 460	Senior Project - Wine Business
WVIT 470	Selected Advanced Topics
WVIT 471	Selected Advanced Laboratory
WVIT 477	Advanced Wine Sensory Analysis

<b>Wine Business Concentration</b>		
AGB 212	Agricultural Economics	4
AGB 260	Agribusiness Data Literacy	4
AGB 310	Agribusiness Credit and Finance	4
AGB 323	Decision Making with Agribusiness Accounting Information	4
RPTA 320	Strategic Event Planning	4
AGB 369 or BUS 384	Agricultural Personnel Management Human Resources Management	4
WVIT 302 or WVIT 404	Wine Fermentation Laboratory Winemaking I	2-4
WVIT 344	Direct to Consumer Wine Sales	4
WVIT 345	Wine Marketing Research and Market Analysis	4
WVIT 433	Wine Sales and E-Commerce	4
WVIT 447	Logistics for the Global Wine Industry	4
WVIT 450	Wine Business Plan Development	4
WVIT 460	Senior Project - Wine Business	4
<b>Approved Electives<sup>1</sup> (see list below)</b>		<b>8-10</b>
<b>Total Units</b>		<b>60</b>

**Approved Electives<sup>1</sup> for Wine Business Concentration**  
Select from the following:

AGB 311	Intermediate Agribusiness Finance	SPAN 101	Elementary Spanish I <sup>3</sup>
AGB 312	Agricultural Policy	or FR 101	Elementary French I
AGB 326	Rural Property Appraisal	or GER 101	Elementary German Language and Culture I
AGB 404	Food Retail Management	or ITAL 101	Elementary Italian I
AGB 452	Agricultural Market Structure and Strategy	SPAN 102	Elementary Spanish II <sup>3</sup>
BRAE 348	Energy for a Sustainable Society	or FR 102	Elementary French II
BRAE 438	Drip/Micro Irrigation	or GER 102	Elementary German Language and Culture II
BUS 207	Legal Responsibilities of Business	or ITAL 102	Elementary Italian II
BUS 301	Global Financial Institutions and Markets	SPAN 103	Elementary Spanish III <sup>3</sup>
BUS 302	International and Cross Cultural Management	or FR 103	Elementary French III
BUS 303	Introduction to International Business	or GER 103	Elementary German Language and Culture III
BUS 304	International Supply Chains	or ITAL 103	Elementary Italian III
BUS 310	Introduction to Entrepreneurship	SPAN 201	Intermediate Spanish I <sup>3</sup>
BUS 410	The Legal Environment of International Business	or FR 201	Intermediate French I
CHEM 128	General Chemistry for Agriculture and Life Science II	or GER 201	Intermediate German I
CHEM 312	Organic Chemistry: Fundamentals and Applications	or ITAL 201	Intermediate Italian I
CHEM 314	Biochemistry: Fundamentals and Applications	SPAN 202	Intermediate Spanish II <sup>3</sup>
FSN 230	Elements of Food Processing	or FR 202	Intermediate French II
FSN 354	Packaging Function in Food Processing	or GER 202	Intermediate German II
FSN 374	Food Laws and Regulations	SS 221	Soil Health and Plant Nutrition
JOUR 203	News Reporting and Writing	WVIT/MCRO 301	Wine Microbiology
JOUR 285	Introduction to Multimedia Journalism	WVIT 332	Advanced Viticulture - Winter
JOUR 312	Public Relations	WVIT 333	Advanced Viticulture - Spring
JOUR 331	Contemporary Advertising	WVIT 339	Internship Wine and Viticulture (limited to 2 units)
JOUR 342	Public Relations Writing and Editing	WVIT 346	Winery Digital Media Marketing and Data Analytics
PLSC 421	Postharvest Technology of Horticultural Crops	WVIT 365	Wine Analysis and Amelioration
RPTA 114	Introduction to Hospitality and Travel	WVIT 400	Special Problems for Advanced Undergraduates
RPTA 314	Sustainable Travel and Tourism Planning	WVIT 404	Winemaking I
RPTA 321	Visitor Services in Experience Industry Management <sup>2</sup>	WVIT 405	Winemaking II
RPTA 412	Advanced Experience Industry Management Applications	WVIT 406	Winemaking III
RPTA 420	Strategic Event Implementation	WVIT/PLSC 414	Grape Pest Management
		WVIT 428	Winegrape Vineyard Management
		WVIT 470	Selected Advanced Topics
		WVIT 471	Selected Advanced Laboratory

1 Consultation with advisor is recommended prior to selecting Approved Electives; bear in mind your selections may impact pursuit of post-baccalaureate studies and/or goals.

2 Consultation with an advisor is recommended prior to enrollment depending on topic being offered.

3 A maximum of 8 units of foreign language may be counted toward Approved Electives.