Agribusiness: Enology/Viticulture

Award Type: Associate in Arts

The associate degree program is designed to prepare students for upper division course work leading to a baccalaureate degree in enology or viticulture. The curriculum prepares students for entry level and advanced positions in the wine industry including wine production, quality assurance and control, cellar supervision, vineyard management, research, and grape production.

The graduate of the Associate in Arts in Agribusiness: Enology/Viticulture will:

- Demonstrate an understanding of the yearly cycle in the vineyard.
- Describe and demonstrate proficiency in pruning, irrigation, canopy management, pest and disease control, fruit quality assessment and determining time of optimal harvest.
- Demonstrate the ability to make sound viticultural decisions during the entire year to ensure quality fruit and healthy vines.
- Make appropriate additions to maintain wine stability and to determine the optimum time to bottle and release the wine.
- Make sound enological decisions during the course of the entire year (or years to bottling) to ensure wine quality and a clean, safe winery workplace.

Program Requirements

A major of 22 units is required for the associate in arts degree.

Required core courses (14 units):

Course Number	Course Title	Units
VEN 101	Introduction to Winemaking/Enology	3.0
VEN 102	Introduction to Viticulture	3.0
VEN 310	Winemaking Operations I	2.0
VEN 311	Winemaking Operations II	2.0
CHEM 120	Introductory Chemistry	4.0

Plus a minimum of 8 units selected from the following:

Course Number	Course Title	Units
VEN 103	Sensory Evaluation of Wine	3.0
VEN 114	Wine Business	3.0
AG 125	Introduction to Soil Science	4.0
VEN 135	Grapevine Physiology	1.0
AG 126	Fertilizers & Plant Nutrition	4.0
BIOL 128	Microbiology	4.5
BIOL 154	General Botany	5.0
BUS 121	Business Economics	3.0
	or	
ECON 121	Business Economics	3.0
CHEM 140	Introduction to Organic and Biochemistry	4.0
CHEM 150	General Chemistry 1	5.0
CHEM 151	General Chemistry 2	5.0
MATH 135	Calculus with Applications	4.0
MATH 181	Calculus 1	4.0
MATH 182	Calculus 2	4.0
PHYS 141	General Physics 1	4.0
PHYS 142	General Physics 2	4.0